

Author Index 1996

- Abarca B., Ballesteros R., Muñoz A. and Jones G.** Triazolopyridines—XVII. N2-dicyanomethylides: synthesis, structure and reactivity with acetylenic dipolarophiles 10519
- Abd-El-Ghani A.** see Ward R. S. 1303
- Abdallah T. A.** see Elwan N. M. 3451
- Abdaoui M.** see Dewynter G. 14217
- Abdel-Mogib M.** see Zoorob H. H. 10147
- Abdel-Rahman A. A.-H.** Ali O. M. and Pedersen E. B. Insertion of 5-methyl-N⁴-(1-pyrenylmethyl)cytidine into DNA. Duplex, three-way junction and triplex stabilities 15311
- Abdelhadi H. A.** see Elwan N. M. 3451
- Abdel Khalik M. M.** see Al-Omrani F. 11915
- Abd El-Nabi H. A.** see Kollenz G. 5427
- Abou-El Zahab M. M.** see Zoorob H. H. 10147
- About-Jaudet E.** see Gulea-Purcărescu M. 2075
- Aboutayab K., Caddick S., Jenkins K., Joshi S. and Khan S.** Preparation of organostannanes by intermolecular radical substitution reactions 11329
- Abramovitch R. A., Shinkai I., Mavunkel B. J., More K. M., O'Connor S., Ooi G. H., Pennington W. T., Srinivasan P. C. and Stowers J. R.** New ring systems from 1,2-benzisothiazole-1,1-dioxides and related compounds 3339
- Abribat B., Le Bigot Y. et Gaset A.** Ethérisation sélective et sans solvant de fonctions hydroxyles de polyoxy-alkylenes 8245
- Acero-Alarcón A.** see Sepulveda-Arques J. 2097
- Achari B.** see Patra R. 11265
- Achiba Y.** see Suzuki T. 4973
- Achmatowicz O. and Bialecka-Florjanczyk E.** Mechanism of the carbonyl–ene reaction 8827
- Acklin P.** see Jenny L. 1549
- Ács M.** see Nemák K. 1637
- Adach-Becker S.** see Kuehnl-Caubère C. 9087
- Adachi K.** see Sun B. 901
- Adam G.** see Voigt B. 10653
- Adam G.** see Voigt B. 1997
- Adam W., Prein M. and Richter M. J.** Stereochemically defined cyclohexanediols through the regioselective ring-opening of silylated epoxy alcohols 1231
- Adam W., van Barneveld C. and Golsch D.** Direct synthesis of 3-aryl-1,2,4,5-tetrazine N-1-oxides by the oxidation with methyl(trifluoromethyl)di-oxirane 2377
- Adam W. and Korb M. N.** Diastereoselective oxidation of lithium and chloro-titanocene enolates derived from camphor 5487
- Adam W. and Smerz A. K.** Nickel-catalyzed hydroxylation of 1,3-dicarbonyl compounds by dimethylidioxirane 5799
- Adam W. and Walther B.** Multiple-photon chemistry in the benzophenone photo-reduction during laser-jet photolysis: effect of alcohol solvent on cross-coupling versus hydrogen abstraction of the electronically excited hydroxydiphenylmethyl radical 10399
- Adam W.** see Voigt B. 10653
- Adamczyk M. and Reddy R. E.** A new methodology for the preparation of 2-cyanopyrroles and synthesis of porphobilinogen 14689
- Adams G.** see Bermotas R. C. 6519
- Adams H., Bailey N. A., Brettle R., Cross R., Frederickson M., Haslam E., MacBeath F. S. and Davies G. M.** The shikimate pathway—VIII. Synthesis of (–)-3(*R*)-amino-4(*R*),5(*R*)-dihydroxy-1-cyclohexene-1-carboxylic acid: the 3(*R*)-amino analogue of (–)-shikimic acid 8565
- Adlington R. M.** see Baldwin J. E. 2515
- Adlington R. M.** see Baldwin J. E. 2537
- Adriaensens P.** see Paulussen H. 11867
- Adrian H.** see Zervosen A. 2395
- Aelterman W.** see De Kimpe N. 12815
- Afonso M. M., Mansilla H., Palenzuela J. A. and Galindo A.** Acid cyclization of 5-ketogermacrene-6,12-olides. A reactivity and conformational study 11827
- Afonso M. M.** see Mujica M. T. 2167
- Ágai B., Németh V., Böcskei Z., Simon K., Bitter I. and Toké L.** Synthesis of dibenzo-monoazacrown ethers 6713
- Agami C., Bihan D. and Puchot-Kadouri C.** Reactions of glyoxal-derived iminium ions with unsaturated silyl and silyloxy reagents 9079
- Ago C.** see Shibuya A. 271
- Agrawal S.** see Iyer R. P. 14419
- Ahlbrecht H.** see Mück-Lichtenfeld C. 10025
- Ahmad V. U.** see Shi X. 6859
- Ainsworth P. J., Craig D., White A. J. P. and Williams D. J.** Intramolecular Diels–Alder

- reactions of carbon acetal-tethered trienes 8937
Aitken D. J. see Vergne F. 2421
Akaji M. see Ibuka T. 11739
Akasaka T., Kato T., Nagase S., Kobayashi K., Yamamoto K., Funasaka H. and Takahashi T. Chemical derivatization of endohedral metallofullerene La@C₈₂ with digermirane 5015
Akella L. B. and Vince R. Palladium-catalyzed synthesis of *cis*-2-[4-(9*H*-purin-9-yl)-2-cyclopenten-1-yl]ethanol analogues 2789
Akella L. B. and Vince R. Enantioselective synthesis of 2-[5-(9*H*-purin-9-yl)-2-cyclopenten-1-yl]ethanol analogues as potential antiviral agents 8407
Akiba K. see Ishimaru K. 13137
Akita T. and Kobayashi K. Intramolecular spin interactions between two nitronyl nitroxide or imino nitroxide radical units linked to thieno[2,3-*b*]thiophene and thieno[2,3-*b*]thieno[3',2'-d]thiophene chromophores 6893
Akkerman O. S. see Gruter G.-J. M. 2565
Al-Awadhi H. see Al-Omrani F. 11915
Al-Dulayymi J. R., Baird M. S., Pavlov V. A. and Kurdjukov A. I. Dipolar cycloaddition of a phosphorylnitrile oxide to functionalised cyclopropenes 8877
Al-Omrani F.
Abdel Khalik M. M.
Al-Awadhi H. and Elnagdi M. H. Reactivity of condensed thiophenes in the Diels–Alder reaction: the reactivity of 3-aminothieno[3,4':3',4']benzo[*b*]pyranone, 3-aminothieno[3,4-*c*]quinoline and of 5-amino-7-substituted thiено[3,4-*d*]pyridazinone toward electron-poor olefins and acetylenes 11915
Alami M. see Gueugnot S. 6635
Alberti A., Della Bona M. A., Macciantelli D., Pelizzoni F., Sello G., Torri G. and Vismara E. Reactivity of glucosyl radical in the presence of phenols 10241
Albini A. see Fagnoni M. 1785
Albini A. see Mellà M. 5533
Albini A. see Mellà M. 5549
Albrecht M. Linear (CH₂)-bridged oligo(catechol) compounds for metal-directed self-organization processes 2385
Albrecht M. see Lutz A. 12197
Alcalde B., Casarrubios L., Domínguez G., Retamosa A. and Sierra M. A. Reactions of stabilized sulfur ylides with α,β -unsaturated alkoxochromiumcarbene complexes 13215
Alcalde E., Alemany M. and Gisbert M. A direct synthetic approach to novel quadrupolar [1,4]azolophanes 15171
Alcalde E., Gisbert M., Alvarez-Rúa C. and García-Granda S. Quadrupolar [1,4](meta-ortho)₂azolophanes. Intramolecular C–H...N and to water C–H...O hydrogen bonding revealed by X-ray diffraction 15189
Alcalde E., Gisbert M., Pons J. M. and Pérez-García L. Unconventional acceptor and donor functional groups linked by a captodative spacer 15197
Alcántara J. see Molina P. 5833
Alemany C., de llarduya A. M., Giralt E. and Muñoz-Guerra S. Analysis of the conformational preferences of (4*R*,5*R*)-4,5-bis(alkyl-carbamoyl)-1,3-dioxolanes 8275
Alemany M. see Alcalde E. 15171
Alessi F., Doutheau A., Anker D., Condemine G. and Robert-Baudouy J. Synthesis of methyl esters of 3-deoxy-*D*-erythro-2-hexulosonic acid (KDG) analogs, inducers of the expression of pectinase genes in bacteria *Erwinia chrysanthemi* 4625
Alexander R. P., Bates R. W., Pratt A. J. and Kraunsoe J. A. E. An N-nitrosochloroethyl-cephalosporin carbamate prodrug for antibody-directed enzyme prodrug therapy (ADEPT) 5983
Alfonso D.
Colman-Saizarbitoria T., Zhao G.-X., Shi G., Ye Q., Schwedler J. T. and McLaughlin J. L. Aromin and aromicin, two new bioactive annonaceous acetogenins, possessing an unusual bis-THF ring structure, from *Xylopia aromatica* (Annonaceae) 4215
Alguacil R., Faría F. and Martín M. V. 1,3-Dipolar cycloaddition of nitrile oxides to 2(5*H*)-furanones substituted at the 5-position by sulphur bearing groups 3457
Ali M. M. see Rajanna K. C. 3669
Ali O. M. see Abdel-Rahman A. A.-H. 15311
Ali Sk. A., Hashmi S. M. A., Siddiqui M. N. and Wazeer M. I. M. Regiochemistry of mercury(II) oxide oxidation of unsymmetrical *N,N*-disubstituted hydroxylamines 14917
Alibés R., Bourdelande J. L., Font J., Gregori A. and Parella T. [2 + 2] Photocycloaddition of homochiral 2(5*H*)-furanones to alkenes. First step for an efficient and diastereoselective synthesis of (+)- and (−)-grandisol 1267
Alibés R., Bourdelande J. L., Font J. and Parella T. Highly efficient and diastereoselective approaches to (+)- and (−)-grandisol 1279
Aller E. see Molina P. 13671
Almaraz M. see Raposo C. 12323
Almena J., Foubele F. and Yus M. Nitrogen-containing remote functionalised organolithium compounds by reductive opening of five- and six-membered heterocycles 8545
Alonso E., Ramón D. J. and Yus M. Arene-catalysed lithiation of triflates and triflamides under Barbier-type conditions: an indirect transformation of alcohols and amines into organolithium compounds 14341
Alonso F. J. see Suau R. 11307
Alonso M. Á. see Blanco M^a M. 5933
Altava B. see Fraile J. M. 9853
Altenburger J. M. see Schirlin D. 305
Altmann K.-H., Kesselring R. and Pieles U. 6'-Carbon-substituted carbocyclic analogs of 2'-deoxyribonucleosides—synthesis and effect on DNA/RNA duplex stability 12699
Alvarenga N. L. see González A. G. 10667
Alvarenga N. L. see González A. G. 9597
Alvarez-Builla J. see de las Heras M. A. 14297
Alvarez-Builla J. see Valenciano J. 11349

- Alvarez-Ibarra C.**
Cuervo-Rodríguez R.
Fernández-Monreal M. C.
and Ruiz M. P.
 Synthesis and conformational study of β -hydroxy sulfones, bioisosteres of oxisuran metabolites, and their O -methyl derivatives 11239
- Alvarez-Ibarra C.**
Fernández-Granda R.
Quiroga M. L.
Pingarrón J. M. and
Pedrero M.
 Determination of the pK_a values for polycationic species derived from 9-hydroxy and 9-aminothiazolo[5,4-*b*]quinolines. A problem related to the tautomerism of these systems 11929
- **Alvarez-Ibarra C.**
Quiroga M. L. and
Toledano E.
 Synthesis of polysubstituted 3-thiofurans by regiospecific mono-*ipso*-substitution and *ortho*-metallation from 3,4-dibromofuran 4065
- Alvarez-Rúa C.** see Alcalde E. 15189
- Alvaro G.** **Savio D. and**
Valentinetti M. R.
 Diastereoselective addition of methylolithium and dimethylcuprate–boron trifluoride to imines derived from (*S*)-1-phenylethylamine 12571
- Al Dulayymi A. R.**
Al Dulayymi J. R.
Baird M. S. **Gerrard M. E.**
Koza G. **Harkins S. D. and**
Roberts E.
 1,2,2-Tribromocyclopropane-carboxylic acid and derivatives—valuable intermediates for four carbon cyclopropane and cyclopropene synthons 3409
- Al Dulayymi A. R. and**
Baird M. S.
 2-Vinyl-1,1,2-trihalocyclopropanes—valuable five carbon cyclopropane and cyclopropene synthetic intermediates 10955
- Al Dulayymi J. R. see**
Al Dulayymi A. R. 3409
- Al Dulayymi J. R. Baird M. S.**
Simpson M. J. **Nyman S.**
and Port G. R.
 Structure based interference with insect behaviour—cyclopropene analogues of pheromones containing *Z*-alkenes 12509
- Amigó J. M.** see Costero A. M. 12499
- Ammon H. L.** see Marchand A. P. 9703
- Amougay A.** **Letsch O.**
Pete J.-P. and **Piva O.**
- Photorearrangement of *N*-alkanoyl β -enaminones.**
 Application to the synthesis of α -amino- β,γ -unsaturated acid derivatives 2405
- An Y.-Z.** **Chen C.-H. B.**
Anderson J. L. **Sigman D. S.** **Foote C. S. and** **Rubin Y.**
 Sequence-specific modification of guanosine in DNA by a C_{60} -linked deoxyoligonucleotide: evidence for a non-singlet oxygen mechanism 5179
- Anan H.** **Seki N.** **Noshiro O.**
Honda K. **Yasumuro K.**
Ozasa T. and **Fusetani N.**
 Total synthesis of cyclostellamine C, a bispyridinium macrocyclic alkaloid having muscarinic acetylcholine receptor antagonistic activity 10849
- Andersen K. E.** **Begtrup M.**
Chorghade M. S. **Lee E. C.**
Lau J. **Lundt B. F.**
Petersen H. **Sørensen P. O.**
and Thøgersen H.
 Corrigendum 3375
- Andersen N. H.** see Palmer R. B. 9665
- Andersen R. J.** see Graziani E. I. 6869
- Anderson H. L.** see Timmerman P. 4925
- Anderson J. L.** see An Y.-Z. 5179
- Anderson T. A.** see Dussault P. H. 12381
- Andersson P. G.** see Nilsson Y. I. M. 7511
- Ando A.** see Omote M. 13961
- Ando A.** see Takagi T. 12667
- Ando W.** see Kusukawa T. 4995
- Andrés J.** see Domingo L. R. 10693
- Andrés L. S.** see Luis J. G. 12309
- Andresen G.** **Gundersen L.-L.**
and Rise F.
 Regiochemistry in addition of Grignard reagents to *N,N'*-dibenzylated 2-purinones 12979
- Andreu C.** see Costero A. M. 12499
- Andreu C.** see Costero A. M. 3683
- Andreu R.** see Costero A. M. 3683
- Ang K. H.** **Bräse S.**
Steinig A. G. **Meyer F. E.**
Llebaria A. **Voigt K. and**
de Meijere A.
 Versatile synthesis of bicyclo[4.3.0]nonenes and bicyclo[4.4.0]decenes by a domino Heck–Diels–Alder reaction 11503
- Anilkumar G.** see Thomas A. 2481
- Anke H.** see Jonassohn M. 1473
- Anke H.** see Shan R. 10249
- Anker D.** see Alessi F. 4625
- Anneheim-Herbelin G.** see Perrée-Fauvet M. 13569
- Anneheim-Herbelin G.** see Verchère-Béaur C. 13589
- Annunziata R.** **Cinquini M.**
Cozzi F. **Molteni V. and**
Schupp O.
 Stereoselective one-pot synthesis of β -lactams by Lewis acid promoted condensation of silylketene thioacetals with imines 2573
- Annunziata R.** **Benaglia M.**
Cinquini M. **Cozzi F.**
Martini O. **and Molteni V.**
 Stereoselective one-pot synthesis of β -lactams by reaction of 2-pyridylthioesters with imines in the presence of $AlBr_3$ or $EtAlCl_2$ 2583
- Anttila U.** see Louasmaa M. 6803
- Aoe K.** see Takemoto Y. 14177
- Aouf N.** see Dewynter G. 993
- Aoyagi Y.** **Manabe T.** **Ohta A.**
Kurihara T. **Pang G.-L. and**
Yuhara T.
 First total synthesis of pyrrolam A 869
- Aoyama T.** see Matsumoto T. 13521
- Aparicio D.** see Palacios F. 4123
- Aparicio D.** see Palacios F. 4857
- Aparicio D.** see Palacios F. 9609
- Appel W. K.** see Pasenok S. V. 2977
- Appel W. K.** see Pasenok S. V. 9755
- Arai S.** see Iwasawa Y. 13881
- Araki S.** **Hirashita T.**
Shimizu K. **Ikeda T. and**
Butsugan Y.
 Reaction of α -halo organoindium reagents with carbonyl compounds and electron-deficient alkenes 2803
- Aramaki H.** see Ohno T. 1943
- Arao K.** see Miyamoto T. 8187
- Arcadi A.** **Attanasi O. A.**
De Crescentini L. **Rossi E.**
and Serra-Zanetti F.
 Synthesis and transition metal catalysed reactions of 1-ureido-3-propargyl-2,3-dihydropyrrol-2-ols, 1-ureido-3-propargylpyrroles and 1-ureido-3-propargyl-3-phosphono-1*H*-pyrrol-2(3*H*)-ones 3997
- Arcadi A.** **Cacchi S.** **Fabrizi G.**
Marinelli F. **and Pace P.**
 The palladium-catalysed vinylic substitution of vinyl triflates with β -substituted- α , β -unsaturated carbonyl

- compounds. An application to the synthesis of cardenolides 6983
- Arcamone F.** see Pasqui F. 185
- Arcelli A.** **Porzi G.** and **Sandri S.** Unusual ammonolysis of a secondary amide assisted by unsubstituted vicinal amide group 4141
- Archelas A.** see Pedragosa-Moreau S. 4593
- Archer M. D.** see Mazzola E. P. 5691
- Archut A.** see Pischel I. 10043
- Ardisson J.** see Fargeas V. 6613
- Arduini A.** **Mirone L.** **Paganuzzi D.** **Pinalli A.** **Pochini A.** **Secchi A.** and **Ungaro R.** New calix[4]arenes having electron donating groups at the upper rim as molecular platforms and host molecules 6011
- Arias-Pérez M^a S.** and **Santos M^b J.** An efficient approach to partially O-methylated α -D-mannopyranosides using bis-*tert*-butyldiphenylsilyl ethers as intermediates 10785
- Arimoto H.** **Yokoyama R.** **Nakamura K.** **Okumura Y.** and **Uemura D.** Vallartanone B: synthesis and related studies 13901
- Armero-Alarte T.** see Sepulveda-Arques J. 2097
- Arnold N.** see Ye Y. 5793
- Arnone A.** **Bravo P.** **Donadelli A.** and **Resnati G.** Fluorinated analogues of nojirimycin and mannojirimycin from a non-carbohydrate precursor 131
- Arseniadis S.** **Yashunsky D. V.** **Muñoz Dorado M.** **Brondi Alves R.** **Wang Q.** **Potier P.** and **Toupet L.** A chemoenzymatic approach to the taxoid BC-substructure 6215
- Arseniadis S.** **Yashunsky D. V.** **Pereira de Freitas R.** **Muñoz Dorado M.** **Potier P.** and **Toupet L.** Left- and right-half taxoid building blocks from (*S*)-(+)-Hajos-Parrish ketone 12443
- Artyomov V. A.** **Rodinovskaya L. A.** **Shestopalov A. M.** and **Litvinov V. P.** *N*-Cyanochloroacetamidine—a convenient reagent for the regioselective synthesis of fused diaminopyrimidines 1011
- Arunachalam T.** see Marinelli E. R. 11177
- Asakawa Y.** see Tori M. 6339
- Asakawa Y.** see Tori M. 9999
- Asakawa Y.** see Yoshida T. 14487
- Ashton P. R.** see McKinnell D. 10159
- Askin D.** see Maligres P. E. 3327
- Asseline U.** see Raynaud F. 2047
- Asseline U.** see Truffert J.-C. 3005
- Attanasi O. A.** **Buratti S.** **Filippone P.** **Fiorucci C.** **Foresti E.** and **Giovagnoli D.** Reaction of thiocarboxylic acids with conjugated azoalkenes 1579
- Attanasi O. A.** see Arcadi A. 3997
- Attardo G.** see Zacharie B. 2271
- Attygalle A. B.** see Shi X. 6859
- Aubagnac J.-L.** see Jagerovic N. 6733
- Aubé J.** see Mossman C. J. 3403
- Aubert C.** see Le Bideau F. 7487
- Aubertin A.-M.** see Janin Y. L. 15157
- Aubry J.-M.** see Nardello V. 2031
- Audran G.** see Monti H. 6685
- Austin D. J.** see Padwa A. 3247
- Avalos M.** **Babiano R.** **Cintas P.** **Durán C. J.** **Jiménez J. L.** and **Palacios J. C.** NMR studies and semi-empirical calculations on the structure of glycoamidines 9263
- Avendaño C.** see Blanco M^a M. 5933
- Avenoza A.** **Cativiela C.** **Paris M.** and **Peregrina J. M.** The use of 1-amino-2-phenyl-1-cyclohexanecarboxylic acids as chiral auxiliaries in asymmetric Diels–Alder reactions 4839
- Avent A. G.** **Birkett P. R.** **Darwishi A. D.** **Kroto H. W.** **Taylor R.** and **Walton D. R. M.** Formation of $C_{70}Ph_{10}$ and $C_{70}Ph_8$ from the electrophile $C_{70}Cl_{10}$ 5235
- Averdung J.** and **Mattay J.** Exohedral functionalization of [60]fullerene by [3 + 2] cycloadditions: syntheses and chemical properties of triazolino-[60]fullerenes and 1,2-(3,4-dihydro-2*H*-pyrrolo)-[60]fullerenes 5407
- Avila D. V.** **Ingold K. U.** **Lusztyk J.** **Doblier, Jr W. R.** and
- Pan H.-Q.** Perfluoro-*tert*-butyl, a reactive, neutral, electrophilic carbon-centered radical *par excellence* 12351
- Avilov D. V.** see Soloshonok V. A. 12433
- Awad R. W.** see Nicolaides D. N. 15007
- Ayafor J. F.** see Tane P. 14989
- Azaroual N.** see Nardello V. 2031
- Azuma T.** see Ohno M. 4983
- Baban J. A.** see Green D. 10215
- Babiano R.** see Avalos M. 9263
- Babudri F.** **Fiandanese V.** **Marchese G.** and **Punzi A.** A general and straightforward approach to α,ω -ketoesters 13513
- Baccolini G.** **Munyaneza A.** and **Boga C.** An efficient procedure for the synthesis of *N*-alkenyl derivatives of six-membered and larger 1,2-diaza heterocycles 13695
- Bach T.** **Jödicke K.** and **Wibbeling B.** Reversal of the facial diastereoselectivity in the Paternò–Büchi reaction of silyl enol ethers carrying a chiral substituent in α -position 10861
- Backhaus D.** see Enders D. 1503
- Bäckvall J.-E.** see Nilsson Y. I. M. 7511
- Baczko K.** **Liu W.-Q.** **Roques B. P.** and **Garbay-Jaureguiberry C.** New synthesis of D,L-Fmoc protected 4-phosphono-methylphenylalanine derivatives and their enzymatic resolution 2021
- Bagnoli L.** see Tiecco M. 6811
- Bah M.** and **Pereda-Miranda R.** Detailed FAB-mass spectrometry and high resolution NMR investigations of tricolorins A–E, individual oligosaccharides from the resins of *Ipomea tricolor* (Convolvulaceae) 13063
- Baidossi W.** **Schumann H.** and **Blum J.** Selective transformations of phenylated diynes to polycyclic compounds by the $RhCl_3$ - and $PtCl_4$ -Aliquat 336[®] ion pair catalysts 8349
- Baig M. H. A.** see Baskaran S. 6437
- Bailey J. H.** see Beard M. J. 3719
- Bailey N. A.** see Adams H. 8565
- Bailey, Jr J. E.** see Mazzola E. P. 5691

- Baird M. S.** see Al-Dulayymi J. R. 8877
- Baird M. S.** see Al Dulayymi A. R. 10955
- Baird M. S.** see Al Dulayymi A. R. 3409
- Baird M. S.** see Al Dulayymi J. R. 12509
- Baker S. P.** see Scammells P. J. 4735
- Bakkeren F. J. A. D.**
Klunder A. J. H. and
Zwanenburg B.
Kinetic resolution of mono- and bicyclic Diels–Alder adducts via Sharpless asymmetric dihydroxylation 7901
- Balch A. L.** **Ginwalla A. S.**
Olmstead M. M. and
Herbst-Irmer R.
Structural analysis of products from the C₆₀–piperazine reaction. Consistent geometric distortions of the fullerene core upon adduct formation 5021
- Balci M.** see Dastan A. 14005
- Baldoli C.** **Del Buttero P.**
Licandro E. **Papagni A.** and
Pilati T.
Tricarbonyl(η⁶arene)chromium(0) complexes as chiral auxiliaries: asymmetric synthesis of β-aminoesters and β-lactams by Reformatsky condensation 4849
- Baldwin J. E.** **Adlington R. M.**
Marquess D. G. **Pitt A. R.**
Porter M. J. and
Russell A. T.
Evidence for an insertion–homolysis mechanism for carbon–sulphur bond formation in penicillin biosynthesis—I. Synthesis of tripeptide probes 2515
- Baldwin J. E.** **Adlington R. M.**
Marquess D. G. **Pitt A. R.**
Porter M. J. and
Russell A. T.
Evidence for an insertion–homolysis mechanism for carbon–sulphur bond formation in penicillin biosynthesis—II. Incubation and interpretation 2537
- Baldwin J. E.** see Shibata N. 12839
- Balenkova E. S.** see Nenajdenko V. G. 12993
- Ballesteros A.** see Barluenga J. 3095
- Ballesteros R.** see Abarca B. 10519
- Ballini R.** **Bosica G.** and
Forconi P.
Nitroaldol (Henry) reaction catalyzed by Amberlyst A-21 as a far superior heterogeneous catalyst 1677
- Ballini R.** **Bosica G.** and
Marcantonio E.
A new 1,4-elimination of benzenesulfenic acid from β-keto phenylsulphones via their tosylhydrazones 10705
- Balme G.** see Cavicchioli M. 11463
- Baltas M.**
Raouf-Benbekroun K.
De Blie A. **Cazaux L.**
Tisnès P. **Gorrichon L.**
Hussein K. and
Barthelat J.-C.
Aminolysis of sulfamoyl-esters, -sulfonamides and -sulfones. Thio-oxamate and thiourea formation via a sulfine intermediate. Thiophilic or carbophilic reaction? 14865
- Baltas M.** see Nacro K. 9047
- Baltzer S.** see Schirlin D. 305
- Bamford M. J.** see Beard M. J. 3719
- Bandini E.** see Cainelli G. 1685
- Banerjee S.** see Baskaran S. 6437
- Banfi L.** **Guanti G.** and **Riva R.**
Enantio- and diastereo-selective synthesis of the AB ring system of aklavinone by coupling a chemoenzymatic procedure with organometal chemistry 13493
- Banfi S.** see Pozzi G. 11879
- Banks M. R.** **Blake A. J.**
Cadogan J. I. G. **Doyle A. A.**
Gosney I. **Hodgson P. K. G.** and **Thorburn P.**
Asymmetric Diels–Alder reactions employing modified camphor-derived oxazolidin-2-one chiral auxiliaries 4079
- Banoub J.** see Descotes G. 10903
- Bañuelos L. A.** **Cuadrado P.**
González-Nogal A. M.
López-Solera I. **Pulido F. J.** and **Raithby P. R.**
The reduction of functionalized pyrazolium salts as a stereoselective route to functionalized pyrazolidines 9193
- Bar N. C.** see Patra R. 11265
- Baranov V.** see Wang J. 5191
- Baraznenok I. L.** see Nenajdenko V. G. 12993
- Barba F.** see Lozano J. I. 1259
- Barberis F.** **Barone R.** and
Chanon M.
HOLOWIN: a fast way to search for tandem reactions with computer. Application to the taxane framework 14625
- Barbieri A.** **Montevecchi P. C.**
Nanni D. and
Navacchia M. L.
LDA-Promoted decomposition of benzenesulfenamides. A route to aminyl radicals by dioxygen oxidation of lithium amides 13255
- Barbosa L. C. A.**
Rubinger M. M. M. **Mann J.** and **Mansell H. L.**
New routes to polysubstituted cycloheptenones 11297
- Barche J.** see Schroth W. 12677
- Barco A.** **Benetti S.** **De Risi C.**
Morelli C. F. **Pollini G. P.** and **Zanirato V.**
Generation and cycloaddition reactions of substituted 2-nitro-1,3-dienes 9275
- Barco A.** **Benetti S.** **De Risi C.**
Pollini G. P. **Spalluto G.** and **Zanirato V.**
4-Isopropyl-2-oxazolin-5-one anion as masked unpoled synthon for both formyl and hydroxycarbonyl anions: generation, reactivity and synthetic applications 4719
- Baret P.** see Caris C. 4659
- Barf G. A.** **van den Hoek D.** and **Sheldon R. A.**
Ruthenium-catalyzed epoxidation of unfunctionalized olefins with *tert*-butyl hydroperoxide 12971
- Barluenga J.** **Tomás M.**
Ballesteros A. and
Kong J.-S.
Simple synthesis of 2*H*-1,3-oxazines and their stereoselective transformation into 1,3-aminoalcohols and azetidines 3095
- Barma D. K.** see Yadav J. S. 4457
- Barnekow F.** see Leikauf E. 6913
- Barnes C. L.** see Serafinowski P. J. 7929
- Barone R.** see Barberis F. 14625
- Barrett A. G. M.**
Doubleday W. W. and
Tustin G. J.
Asymmetric synthesis of bicyclopropane derivatives 15325
- Barrett D.** **Sasaki H.**
Kinoshita T. **Fujikawa A.** and **Sakane K.**
A novel synthesis of the pyrazolo[1,5-*a*]quinoline ring system. New N1–C2 bridged DNA gyrase inhibitors via a novel tandem 1,4-conjugate addition–Michael [3 + 2] annulation process 8471
- Barrett D.** see Trost B. M. 6903
- Barros M. T.**
Januario-Charmier M. O.
Maycock C. D. and **Pires M.**
Chemoselectivity in the manipulation of polyhydroxylated compounds derived from the diastereoselective

- dihydroxylation of optically active allylic enoate alcohols 7861
- Barrows J. N.** see Mazzola E. P. 5691
- Barthelet J.-C.** see Baltas M. 14865
- Bartoli G. Bosco M.**
Delpozzo R. De Nino A. Iantorno E. Tagarelli A. and Palmieri G.
Reaction of dianions of acyclic β -enamino ketones with electrophiles—VIII. Synthesis of trialkylsilylenaminones and α' -silylated β -diketones 9179
- Barton D. H. R. Chabot B. M. and Hu B.**
The functionalization of saturated hydrocarbons—XXXIV. A study on the mechanism of Tempo trapping in Gif-type systems 10301
- Barton D. H. R. Fontana G. and Yang Y.**
The invention of radical reactions—XXXV. A novel radical fission reaction of *N*-sulfonylthiocarbamates 2705
- Barton D. H. R. Gero S. D. Holliday P. and Quiclet-Sire B.**
Exploratory experiments with aryl telluride carbohydrates. Synthesis of carbocycles using intramolecular radical cyclization 8233
- Barton D. H. R. Jasberenyi J. Cs. Liu W. and Shinada T.**
The invention of radical reactions—XXXVI. Synthetic studies related to 3-deoxy-D-manno-2-octulosonic acid (KDO) 2717
- Barton D. H. R.**
Jasberenyi J. Cs. Liu W. and Shinada T.
Oxidation of hydrazones by hypervalent organoiodine reagents: regeneration of the carbonyl group and facile syntheses of α -acetoxy and α -alkoxy azo compounds 14673
- Barton D. H. R. and Chabot B. M.**
The selective functionalization of saturated hydrocarbons—XXXIII. Further reactions which take place in the $\text{Fe}^{\text{II}}\text{--Fe}^{\text{V}}$ manifold 10287
- Barton D. H. R. and Ferreira J. A.**
N-Hydroxypyridine-2(1*H*)-thione derivatives of carboxylic acids as activated esters—I. The synthesis of carboxamides 9347
- Barton D. H. R. and Ferreira J. A.**
N-Hydroxypyridine-2(1*H*)-thione derivatives of optically active allylic enoate alcohols 7861
- Barton D. H. R. and Fontana G.**
The invention of radical reactions—XXXVII. A convenient radical synthesis of diaryl diselenides from carboxylic acids 11163
- Barton D. H. R. and Hu B.**
The functionalization of saturated hydrocarbons—XXXV. On the intermediates in an Fe^{II} catalase model in pyridine. Relevance to the catalase enzyme 10313
- Bartsch R. A. Eley M. D. Marchand A. P. Shukla R. Kumar K. A. and Reddy G. M.**
Syntheses of bis- and tetracrowned clefts and studies of their selectivities in metal ion complexation 8979
- Basavaiah D. Dharma Rao P. and Suguna Hyma R.**
The Baylis–Hillman reaction: a novel carbon–carbon bond forming reaction 8001
- Basavaiah D. and Pandiaraju S.**
Nucleophilic addition of triethyl phosphite to acetates of the Baylis–Hillman adducts: stereoselective synthesis of (*E*)- and (*Z*)-allylphosphonates 2261
- Basavaiah D. and Suguna Hyma R.**
Synthetic applications of the Baylis–Hillman reaction: simple synthesis of [2*E*]-2-butylc-2-enal and [2*E*]-2-tridecyloheptadec-2-enal 1253
- Baskaran C.** see Baskaran S. 6437
- Baskaran S. Baig M. H. A. Banerjee S. Baskaran C. Bhanu K. Deshpande S. P. and Trivedi G. K.**
An efficient and stereoselective synthesis of (*2R,2'S*)-1-*O*-(2'-hydroxyhexadecyl)glycerol and its oxo analogs: potential antitumour compounds from shark liver oil 6437
- Baskaran S. Vasu J. Kodukulla R. P. K. Trivedi G. K. and Chandrasekhar J.**
1,3-Dipolar cycloaddition reaction of α,β -unsaturated esters and lactones with diazomethane 4515
- Basnak I.** see McKinnell D. 10159
- Basset J.-M.** see Descotes G. 10903
- Bassir M.** see Guibé-Jampel E. 4397
- Bates R. W.** see Alexander R. P. 5983
- Batey R. A. Harling J. D. and Motherwell W. B.**
Some novel electron transfer mediated cascade ring-opening reactions of bicyclo[4.1.0]ketones 11421
- Batsanov A. S.** see Nieschalk J. 165
- Battistini L.** see Spanu P. 4829
- Baud C.** see Müller P. 1543
- Baum G.** see Knölker H.-J. 7345
- Baumann H.** see Schröder F. 13539
- Baumann W.** see Kless A. 14599
- Bauta W. E. Booth J. Bos M. E. DeLuca M. Diorazio L. Donohoe T. J. Frost C. Magnus N. Magnus P. Mendoza J. Pye P. Tarrant J. G. Thom S. and Ujjainwalla F.**
Taxane diterpenes—I. Control of relative and absolute stereochemistry in intramolecular pyrylium ylide–alkene cyclizations for the synthesis of taxol precursors 14081
- Baxter A. D.** see Higson A. P. 1027
- Bayquen A. V. and Read R. W.**
Total synthesis of micropine and epimicropine 13467
- Bazzocchi I.** see González A. G. 9597
- Balczewski P. and Pietrzykowski W. M.**
A free radical approach to functionalization of phosphonates utilizing novel 2- and 3-phosphonyl radicals 13681
- Beagley B. Edge N. C. Jaiboon N. James J. J. McAuliffe C. A. Thorp M. S. Watkinson M. Whiting A. and Wright D. C.**
MM2 force field parameterisation, modelling and structure prediction of salen-type monomeric and hydrogen bonded dimeric manganese complexes 10193
- Beak P.** see Park Y. S. 12333
- Beard M. J. Bailey J. H. Cherry D. T. Moloney M. G. Shim S. B. Statham K. A. Bamford M. J. and Lamont R. B.**
Corrigendum 14079
- Beard M. J. Bailey J. H. Cherry D. T. Moloney M. G. Shim S. B. Statham K. A. Bamford M. J. and Lamont R. B.**
Functionalised pyrrolidinones derived from (*S*)-pyroglutamic acid 3719

- Beauchemin S.** see Chapuzet J.-M. 4175
- Beauve C.** see Marchand-Brynaert J. 5591
- Beccalli E. M., Marchesini A. and Pilati T.**
Diels-Alder reactions of (*Z*)-ethyl 3-[(1-ethoxycarbonyloxy-2-methoxy)-ethenyl]-2-(ethoxycarbonyloxy)indole-1-carboxylate. Synthesis of the carbazole alkaloid carbazomycin B 3029
- Becher J.** see Clausen R. P. 3171
- Beck A.** see Keyling-Bilger F. 14891
- Beddoes R. L.** see Lovell J. M. 4745
- Beekman R. A.** see Derrick S. D. 7679
- Begtrup M.** see Andersen K. E. 3375
- Begtrup M.** see Sánchez-Migallón A. 10811
- Bégué J.-P.** see Bonnet-Delpon D. 59
- Behr J.-B., Defoin A., Pires J., Streith J., Macko L. and Zehnder M.**
Chiral *N*-diaryl-L-pyroglyutamic esters in asymmetric hetero-Diels-Alder reactions with acylnitroso dienophiles 3283
- Belić P.** see Gügel A. 5007
- Bell R. P. L.** see Funaki I. 12253
- Bell S. J.** see Mazzola E. P. 5691
- Bellamy A. J. and Hudson P. N.**
Chloro- and bromo-demethylation of methoxy-polynitroaryl systems 5639
- Bellardinelli L.** see Scammells P. J. 4735
- Bellassoued M. and Salemkour M.**
Exclusive γ -regiofunctionalization of crotonaldehyde using γ -trimethylsilyl crotonaldimine. Application to the one pot synthesis of conjugated dienals 4607
- Bellina F.** see Rossi R. 4095
- Belohradsky M., Budešinský M., Gúnterová J., Hodacová J., Holy P., Závada J., Císařová I. and Podlahá J.**
C-C Coupling reaction of 1,5-dibromo-2,6-dihydroxy-naphthalene with alkali 2-naphthoxide. Opposite effects of counterion coordination and hydrogen bonding on stereoselectivity in the formation of *cis*- and *trans*-1,1'-5,1"-ternaphthyls 11013
- Belser P., Bernhard S. and Guerig U.**
Synthesis of mono- and dialkylsubstituted 1,10-phenanthrolines 2937
- Ben R. N.** see Lautens M. 7221
- Benaglia M.** see Annunziata R. 2583
- Benetti S.** see Barco A. 4719
- Benetti S.** see Barco A. 9275
- Bennani Y. L. and Hanessian S.**
The asymmetric synthesis of α -substituted α -methyl and α -phenyl phosphonic acids: design, carbonion geometry, reactivity and preparative aspects of chiral alkyl bicyclic phosphonamides 13837
- Bennasar M.-L., Zulaica E., Sufi B. A. and Bosch J.**
Construction of the pentacyclic ring system of apogeissoschizine 8601
- Benneche T.** see Möller B. S. 8807
- Bennett M., Burke A. J. and O'Sullivan W. I.**
Aspects of the Algar-Flynn-Oyamada (AFO) reaction 7163
- Benvegnu T. J., Toupet L. J. and Grée R. L.**
Stereoselective synthesis of macrolactin A analogues—I. The C_7 - C_{20} fragment 11811
- Benvegnu T. J. and Grée R. L.**
Stereoselective synthesis of macrolactin A analogues—II. The C_1 - C_{14} fragment 11821
- Beresford K. J. M. and Young D. W.**
Versatile synthesis of L- α -amino acids stereospecifically labelled on the β -carbon atom 9891
- Berges-Gross V.** see Halazy S. 177
- Bergman J. and Stålhandske C.**
Cyclization of *N*-acylanthranilic acids with Vilsmeier reagents. Chemical and structural studies 753
- Bergquist K.-E.** see Vuljanic T. 7983
- Berlin A., Canavesi A., Schiavon G., Zecchin S. and Zotti G.**
Electrooxidation products of methylindoles: mechanisms and structures 7947
- Bernardi A., Marchionni C., Novo B., Karamfilova K., Potenza D., Scolastico C. and Roversi P.**
Stereoselective conjugate addition of lithium and titanium enolates to γ -alkoxy enones 3497
- Bernardinelli G.** see Kündig E. P. 7363
- Bernhard S.** see Belser P. 2937
- Bernotas R. C., Adams G. and Carr A. A.**
Synthesis of benzazepine-based nitrones as radical traps 6519
- Berova N.** see Rele D. 2759
- Berova N.** see Zhao N. 2777
- Berque I.** see Fargeas V. 6613
- Berrue F.** see Mävers U. 3223
- Bertha F.** see Sápi A. 771
- Bertounesque E., Imbert T. and Monneret C.**
Synthesis of podophyllotoxin A-ring pyridazine analogue 14235
- Besangon J.** see Szymoniak J. 4377
- Betzer J.-F.** see Soulié J. 15137
- Beyer L., Criado J. J., García E., Leßmann F., Medarde M., Richter R. and Rodriguez E.**
Synthesis and characterization of thiourea derivatives of α -aminoacids. Crystal structure of methyl L-valinate and L-leucinate derivatives 6233
- Bezuidenhoudt B. C. B.** see van Heerden P. S. 12313
- Bhanu K.** see Baskaran S. 6437
- Bhatia G. S.** see Hale K. J. 1047
- Bhawal B. M.** see Jayaraman M. 8989
- Bhawal B. M.** see Jayaraman M. 9005
- Bhawal B. M.** see Srirajan V. 5579
- Bhawal B. M.** see Jayaraman M. 3741
- Bhawal B. M.** see Srirajan V. 5585
- Bhonsle J. B.** see Chiang L. Y. 4963
- Bialecka-Florjanczyk E.** see Achmatowicz O. 8827
- Bickelhaupt F.** see Gruter G.-J. M. 2565
- Bigi F.** see Sartori G. 8287
- Bihan D.** see Agami C. 9079
- Billig F.** see Schröth W. 12677
- Billon-Souquet F., Martens T. and Royer J.**
Anodic oxidation of the *N*-cyanomethylxazolidine system 15127
- Binger P.** see Corlay H. 4883
- Binns F., Hayes R., Hodgetts K. J., Saengchantara S. T., Wallace T. W. and Wallis C. J.**
The preparation and electrocyclic ring-opening of cyclobutenes: stereocontrolled approaches to substituted conjugated dienes and trienes 3631
- Bird C. W.**
The relationship of classical and magnetic criteria of aromaticity 9945

- Bird C. W.**
The application of group additivity parameters to the prediction of the enthalpies of formation of heteroaromatic compounds 14335
- Birdsall N. J. M.** see Gharagozloo P. 10185
- Birk C. and Voss J.**
C,C-Coupling with sulfur-stabilized carbanions—VI. Preparation and electrophilic substitution of 1-[3-methyl-2-(2-thiolanyl-thio)butyl]piperidine and dethioacetalization of semicyclic dithioacetals 12745
- Birkett P. R.** see Avent A. G. 5235
- Bisagni E. Landras C.**
Thirot S. and Huel C.
A convenient way to dibenzo[*c,h*]-1,5-naphthyridines (11-aza-benzo[*c*]phenanthridines) 10427
- Bisagni E.** see Janin Y. L. 15157
- Bisi Castellani C. Carugo O.**
Giusti M. Leopizzi C.
Perotti A.
Gamba Invernizzi A. and Vidari G.
Scandium trifluoromethane-sulphonate as an active catalyst in the decarbonylation of aromatic aldehydes 11045
- Bitter I.** see Ágai B. 6713
- Black D. St. Bowyer M. C.**
Ivory A. J. Jolliffe K. A. and Kumar N.
Synthesis of 7-indolyl-imines by the reaction of 4,6-dimethoxyindoles with secondary amides and phosphoryl chloride 4687
- Black D. St. Ivory A. J. and Kumar N.**
Synthesis of biindolyls by the reaction of indoles with indolin-2-ones and phosphoryl chloride or trifluoromethane-sulfonic anhydride 4697
- Black D. St. Ivory A. J. and Kumar N.**
Reactivity of 3-substituted indolin-2-ones in Vilsmeier-type reactions of 4,6-dimethoxyindoles 7003
- Black D. St. Kumar N. and McConnell D. B.**
Reaction of some 4,6-dimethoxyindoles with oxalyl chloride 8925
- Blake A. J.** see Banks M. R. 4079
- Blanco M^a M. Alonso M. Á. Avendaño C. and Menéndez J. C.**
New findings in hetero Diels–Alder reactions of quinolinetriones 5933
- Blaskó G.** see Szántay C. 11053
- Blaton N.** see Doboszewski B. 1479
- Blaton N.** see Hossain N. 5563
- Blay G. Cardona L. García B.**
García C. L. and Pedro J. R.
Ring-opening aminolysis of sesquiterpene lactones: an easy entry to bioactive sesquiterpene derivatives. Synthesis of (+)- β -cyperone and (–)-eudesma-3,5-diene from santonin 10507
- Blay G. Cardona L. García B.**
Lahoz L. and Pedro J. R.
The reduction of α,β -unsaturated nitriles and α -halonitriles with sodium hydrogen telluride 8611
- Bleeker A. C.** see van Dijk J. T. M. 2647
- Bloch R.** see Cinquin C. 6943
- Bloemhoff W.** see Wijkmans J. C. H. M. 2103
- Blonski C.** see Page P. 1557
- Blum J.** see Baidossi W. 8349
- Böcskei Z.** see Ágai B. 6713
- Boduszek B.**
The acidic cleavage of pyridylmethyl(amino)phosphonates. Formation of the corresponding amines 12483
- Boeffel D.** see Solladié G. 2065
- Boehme R.** see Derrick S. D. 7679
- Boese R.** see Heiner T. 12185
- Boese R.** see Mazik M. 3939
- Boga C.** see Baccolini G. 13695
- Bogen S.** see Fensterbank L. 11405
- Bohme D. K.** see Wang J. 5191
- Böhmer V.** see Mogck O. 8489
- Bohrisch J.** see Faltz H. 9035
- Bojilova A. Nikolova R.**
Ivanov C. Rodios N. A.
Terzis A. and Raptopoulou C. P.
A comparative study of the interaction of salicylaldehydes with phosphonoacetates under Knoevenagel reaction conditions. Synthesis of 1,2-benzoxaphosphorines and their dimers 12597
- Bok S.-H.** see Seo Y. 10583
- Boland W.** see Pohnert G. 10073
- Boland W.** see Veith M. 6601
- Bolbuck B. Kraft P. and Tochtermann W.**
Nature-like odorants by stereoselective ring enlargement of cyclohexanone and cyclododecanone 4581
- Bollinger A. M.** see Ye M. 6249
- Boite J.** see Hecquet L. 8223
- Bône N.** see Perrée-Fauvet M. 13569
- Bône N.** see Verchère-Béaur C. 13589
- Bonet P. and Nájera C.**
Dilithiated 3-tosylpropanal dimethyl acetal as β,β -acylvinyl dianion or homoenolate dianion equivalent 4111
- Bonfichi R.** see Tavecchia P. 8763
- Bonin M.** see Micouin L. 7719
- Bonini B. F.**
Comes-Franchini M.
Fochi M. Mazzanti G. and Ricci A.
Chemistry of silyl thioketones—IX. A new selective synthesis of 1-silyl-1-enethiols and of 2-silyl-thiacycloalk-2-enes of common to large ring size 4803
- Bonini B. F. Masi E.**
Masiero S. Mazzanti G. and Zani P.
Protodesilylation of 3-trimethylsilyl-2-thiabicyclo[2.2.1]hept-5-enes and derivatives: a stereochemical study 3553
- Bonjoch J.** see Solé D. 4013
- Bonnet S. L.** see Saunders C. M. 6003
- Bonnet-Delpont D. Bégué J.-P.**
Lequeux T. and Ourevitch M.
Trifluoromethylalkenes in cycloaddition reactions 59
- Bonnieve C.** see Praly J.-P. 9057
- Boom A.** see Louwrier S. 2603
- Boons G.-J.**
Strategies in oligosaccharide synthesis 1095
- Booth J.** see Bauta W. E. 14081
- Booth J.** see Magnus P. 14103
- Börner A.** see Kläss A. 14599
- Borschberg H.-J.** see Jenny L. 1549
- Bortolini O.** see Giovannini P. P. 1669
- Bortolussi M.** see Cinquin C. 6943
- Borzilleri R. M.** see Cherkauskas J. P. 3135
- Bos M. E.** see Bauta W. E. 14081
- Bosch J.** see Bennasar M.-L. 8601
- Bosch J.** see Griesbaum K. 14813
- Bosch J.** see Solé D. 4013
- Bosco M.** see Bartoli G. 9179
- Bosco M.** see Ebert C. 4867
- Bosica G.** see Ballini R. 10705
- Bosica G.** see Ballini R. 1677
- Boswell G. A.** see Li H.-Y. 11153
- Boße F. Tunoori A. R.**
Niestroj A. J. Gronwald O. and Maier M. E.
Palladium-catalyzed cross-coupling reactions of arylmetal compounds with β -substituted

- α -iodoenones and a cyclohexyl triflate 9485
Bott S. G. see Marchand A. P. 13531
Bott S. G. see Marchand A. P. 825
Bott S. G. see Marchand A. P. 9703
Botta M. Crucianelli M.
Saladino R. Mozzetti C. and Nicoletti R.
Studies on the reactivity of cephalosporins—VI.
Ozonolysis of Δ^2 -cephem derivatives as a new entry to highly functionalized 2-oxoazetidine and 2-oxoazetidine-4-sulfenic acid derivatives 10205
Botzem J. see Cheng E. 6725
Bouchet M. see Marchand-Brynaert J. 5591
Boulanger Y. Khiat A.
Zhou Z.-H. Caron G. and Zamir L. O.
NMR and molecular modeling study of paclitaxel putative precursors 8957
Bourdelande J. L. see Alibés R. 1267
Bourdelande J. L. see Alibés R. 1279
Bourguignon J. see Charpentier P. 10441
Bouros P. see Tighineanu E. 12475
Bouyssi D. see Cavicchioli M. 11463
Bovicelli P. Sanetti A. and Lupattelli P.
Fine regioselective tuning in the oxidation of sec,sec 1,2-diols by dimethyldioxirane 10969
Bowler B. E. see Williamson D. A. 12357
Bowman W. R. Forshaw J. A. Hall K. P. Kitchin J. P. and Mott A. W.
Reduction of Ag(I) by 1-acyl-2-arylhrazines: mechanism of photographic infectious development 3961
Bowman W. R. Stephenson P. T. and Young A. R.
Cascade radical cyclisations of imines 11445
Bowyer M. C. see Black D. StC. 4687
Brack A. see Truffert J.-C. 3005
Braekman J.-C. see Jacoby C. 10473
Braga A. L. see Comasseto J. V. 9687
Brandstetter T. W.
de la Fuente C. Kim Y.
Cooper R. I. Watkin D. J.
Oikonomakos N. G.
Johnson L. N. and Fleet G. W. J.
 α -Azidoesters as divergent intermediates for combinatorial generation of glucofuranose libraries of novel N-linked glycopeptides 10711
Brandstetter T. W.
de la Fuente C. Kim Y.
Johnson L. N. Crook S.
Lilley P. M. de Q.
Watkin D. J. Tsitsanou K. E.
Zographos S. E.
Chrysina E. D.
Oikonomakos N. G. and Fleet G. W. J.
Glucofuranose analogues of hydantocidin 10721
Branquet E. see Meffre P. 11215
Bräse S. see Ang K. H. 11503
Brasseur D. Marek I. and Normant J.-F.
Diastereoselective synthesis of heterosubstituted organogembismetallic reagents. Application to a new propargylmetalation reaction of vinyl metals 7235
Bräuchle C. see Gompper R. 14607
Bravo P. see Arnone A. 131
Brereton I. M. see Charan R. D. 9111
Brette R. Cross R.
Frederickson M. Haslam E. MacBeath F. S. and Davies G. M.
The shikimate pathway—IX. Halogenation at C-3 of the shikimate nucleus 10547
Brette R. see Adams H. 8565
Brière J.-F. see Charpentier P. 10441
Brigaud T. see Foulard G. 6187
Briggs A. D. Camplo M.
Freeman S. Lundström J. and Pring B. G.
Acyloxymethyl and 4-acyloxybenzyl diester prodrugs of phosphonoformate 14937
Brimble M. A. and Robinson S. G.
Synthesis of tricyclic aryl spiroacetals related to the papulacandins 9553
Bringmann G. Götz R. and François G.
Synthesis of pindikamine A, a michellamine-related dimer of a non-natural, 'skew' naphthylisoquinoline 13419
Bringmann G. Saeb W.
Koppler D. and François G.
Jozimine A ('dimeric' dioncophylline A), a non-natural michellamine analog with high antimalarial activity 13409
Brinker U. H. see Weber J. 14641
Broggini G. Folcio F.
Sardone N. and Zecchi G.
Relative and absolute stereocontrol in intramolecular nitrone cycloadditions to the cyclohexene ring 11849
Brondi Alves R. see Arseniyadis S. 6215
Brook M. A. and Henry C.
Competitive acylation of arylstyrylsilanes: controlling silanucleophile reactivity 861
Brosa C. Capdevila J. M. and Zamora I.
Brassinosteroids: a new way to define the structural requirements 2435
Brown G. D. see Tsui W.-Y. 9735
Browne R. see Harrowven D. C. 14951
Bruce M. A. see Gupton J. T. 6879
Bruni P. Carloni P. Conti C.
Giorgini E. Greco L.
Iacussi M. Stipa P. and Tosi G.
Competition between nucleophilic addition and electron-transfer process in the reaction of 9-diazo-10-anthrone with Grignard reagents 6795
Bryant G. C. Cook M. J.
Ryan T. G. and Thorne A. J.
Synthesis and characterisation of some mesogenic mononuclear and multinuclear phthalocyanines 809
Bryce M. R. see Garín J. 11063
Brzezinski J. Z. Bzowski H. B. and Epszajn J.
A concise regioselective synthesis of hydroxyazaisoindolinones and their conversion into pyridopyridazinones 3261
Bubenitschek P. see Dyker G. 14777
Buchanan, III A. C. see Kisly V. P. 10841
Buchwald S. L. see Wolfe J. P. 7525
Bucio M. A. see Morales-Ríos M. S. 5339
Bucourt R. see Ducrot P. 6699
Budešinsky M. see Belohradsky M. 11013
Buemí G. see Corsaro A. 7885
Büllerbach R. see Radau G. 14735
Bülow G. see Lipshutz B. H. 7265
Buono G. see Principato B. 2087
Buratti S. see Attanasi O. A. 1579
Burgaud B. G. M.
Horwell D. C. Padova A. and Pritchard M. C.
Regioselective nucleophilic ring opening reactions of 2,2-disubstituted aziridines—the asymmetric synthesis of α,α -disubstituted amino acids 13035

- Burgemeister T.** see Märkl G. 1981
- Burgemeister Th.** see Märkl G. 11763
- Burger K.** see Golubev A. S. 14757
- Burger K.** see Wucherpfennig U. 143
- Burgess L. E.** see Martin S. F. 3229
- Burguete M. I.** see Fraile J. M. 9853
- Burkamp F.** see Enders D. 2893
- Burke A. J.** see Bennett M. 7163
- Burke, Jr T. R.** see Ye B. 9963
- Burm B. E. A.** see Cheng E. 6725
- Burton D. J.** see Fontana S. A. 37
- Busson R.** see Lescrinier T. 6965
- Butsugan Y.** see Araki S. 2803
- Buyens K. J., Vandenberghe D. M. and Hoornaert G. J.** Synthesis of new pyrrolo[3,4-*b*]- and [3,4-*c*]pyridin(on)es and related 1,7-naphthyridinones and 2,7-naphthyridines via intramolecular Diels–Alder reactions of 2(1*H*)-pyrazinones 9161
- Bzowski H. B.** see Brzezinski J. Z. 3261
- Caballero M^a C.** see Raposo C. 12323
- Cacchi S., Fabrizi G., Marinelli F., Moro L. and Pace P.** Palladium-catalysed hydroarylation and hydrovinylation of 3,3-dialkoxy-1-aryl-1-propynes. An approach to 3-aryl- and 3-vinylquinolines 10225
- Cacchi S.** see Arcadi A. 6983
- Cacciapaglia R., Mandolini L. and Spadola F.** The Ba(II) complex of a crown ether bearing a sulphydryl side-arm as turnover catalyst of ester cleavage 8867
- Caddick S., Gazzard L., Motherwell W. B. and Wilkinson J. A.** Preparation of 1-fluoroglycosides from 1-arylothio and 1-arylselenoglycosides using 4-methyl(difluoroiodo)benzene 149
- Caddick S.** see Aboutayab K. 11329
- Cadogan J. I. G.** see Banks M. R. 4079
- Caferri F., Fattorusso E., Mangoni A. and Tagliatela-Scafati O.** Clathramides, unique bromopyrrole alkaloids from the Caribbean sponge *Agelas clathrodes* 13713
- Cahiez G.** see Clement I. 7201
- Cahill P. A. and Rohlfing C. M.** Theoretical studies of derivatized buckyballs and buckytubes 5247
- Cai J.** see Hale K. J. 1047
- Caillé A. S.** see Wiebe J. M. 11705
- Cainelli G., Panunzio M., Bandini E., Martelli G. and Spunta G.** Diastereofacial selectivity in the reaction of chiral *N*-trimethylsilyl imines with ester enolates: preparation of *trans*-azetidin-2-ones in high stereocontrolled fashion 1685
- Calzagno M.-P., Camps F., Coll J., Melé E. and Sánchez-Baeza F.** New phytoecdysteroids from roots of *Ajuga reptans* varieties 10137
- Caldwell W. B.** see Mirkin C. A. 5113
- Calò V., Fiandanese V., Nacci A. and Volpe A.** Allylated ketosulphides of benzothiazole as intermediates for stereoselective synthesis of allyl ketones, allyl thiaranes and dienes 2155
- Calò V., Nacci A. and Fiandanese V.** Copper-mediated regio- and enantio-selective cross-coupling of heterocyclic allyl sulphides with organomagnesium compounds: a case of 1,7-relative stereogenesis 10799
- Camp N. P.** see Parsons P. J. 11637
- Campiani G.** see Garofalo A. 7745
- Campilo M.** see Briggs A. D. 14937
- Campos J., Pineda M. J., Gómez J. A., Entrena A., Trujillo M. A., Gallo M. A. and Espinosa A.** 5-fluouracil derivatives—I. Acyclonucleosides through a tin(IV) chloride-mediated regiospecific ring opening of alkoxy-1,4-diheteroepanes 8907
- Camps F.** see Calcagno M.-P. 10137
- Camps P., El Achab R., Font-Bardia M., Görbig D., Morral J., Muñoz-Torrero D., Solans X. and Simon M.** Easy synthesis of 7-alkylbicyclo[3.3.1]non-6-en-3-ones by silica gel-promoted fragmentation of 3-alkyl-2-oxadamant-1-yl mesylates 5867
- Canavesi A.** see Berlin A. 7947
- Canfarini F.** see Pasqui F. 185
- Cao J.** see Wilson S. R. 5131
- Capdevielle P.** see Viallon L. 13605
- Capdevielle P.** see Viallon L. 7841
- Capdevila J. M.** see Brosa C. 2435
- Capozzi G., Fratini P., Menichetti S. and Nativi C.** α -Oxosulfines—I. Reactivity of α -oxosulfines obtained from retro Diels–Alder reaction of 1,4-oxathiin-S-oxides 12233
- Capozzi G., Fratini P., Menichetti S. and Nativi C.** α -Oxosulfines—II. The first example of *ortho*-thioquinone-S-oxides 12247
- Cappelle S. L.** see Carly P. R. 11889
- Caputo R., Longobardo L., Palumbo G., Pedatella S. and Giordano F.** Asymmetric induction in the coupling of 5,6-dihydro-1,4-dithiins with chiral aldehydes. A new synthetic approach to polyhydroxylated compounds 11857
- Caramella P.** see Corsaro A. 6421
- Cardona L.** see Blay G. 10507
- Cardona L.** see Blay G. 8611
- Carilla J., Fajári L., Juliá L., Sañé J. and Rius J.** (2,6-Dichlorophenyl)bis(2,4,6-trichlorophenyl)methyl radical. Synthesis, magnetic behaviour and crystal structure 7013
- Cariou M.** see Douadi T. 4449
- Caris C., Baret P., Pierre J.-L. and Serratrice G.** Synthesis and NMR study of two lipophilic iron(III) sequestering agents based on 8-hydroxyquinoline; H-bonding and conformational changes 4659
- Carlón P., Damiani E., Greci L., Stipa P., Marrosu G., Petrucci R. and Trazza A.** Chemical and electrochemical study on the interactions of aminoxyls with superoxide anion 11257
- Carlón P.** see Bruni P. 6795
- Carly P. R., Cappelle S. L., Compernolle F. and Hoornaert G. J.** Diels–Alder reactions of pyridine α -quinodimethane analogues generated from functionalised α -bis(chloromethyl)pyridines 11889
- Caron G.** see Boulanger Y. 8957
- Carpita A.** see Rossi R. 4095
- Carpý A.** see Martínez-Merino V. 8947
- Carr A. A.** see Bernotas R. C. 6519

- Caran J.** see Waschbüsch R. 14199
- Carrano L.** see Ciminiello P. 9863
- Carreaux F.** see Liu W.-Q. 4411
- Carrera J. E.** see Sepulveda-Arques J. 2097
- Carrillo J. R.** see Díaz-Ortiz A. 9237
- Carroll P. J.** see Williams L. 11673
- Carter R. L.** see Porter N. A. 4181
- Carter R.** see Magnus P. 6283
- Carugo O.** see Bisi Castellani C. 11045
- Caruso F.** see Risitano F. 1443
- Casarini D.** Lunazzi L. and Verbeek R. Conformational studies by dynamic NMR—LVI. Enantiotopomerization and conformational analysis of hindered aryl alkyl ketones investigated by dynamic and solid state NMR 2471
- Casarrubios L.** see Alcaide B. 13215
- Casiraghi G.** see Spanu P. 4829
- Castedo L.** see de la Fuente M. C. 4917
- Castedo L.** see García A. 5929
- Castejón P.** Moyano A. Pericàs M. A. and Riera A. Ready access to stereodefined β -hydroxy- γ -amino acids. Enantioselective synthesis of fully protected cyclohexylstatine 7063
- Castillón S.** see Matheu M^a I. 7797
- Casuscelli F.** see Chiacchio U. 14311
- Casuscelli F.** see Chiacchio U. 8889
- Cathala B.** Raouf-Benbekroun K. Galaup C. Picard C. Cazaux L. and Tisnès P. Synthesis and structure of macrocyclic dioxa-, dithia-, diazatetralactams and derivatives 9793
- Cativiela C.** Diaz-de-Villegas M. D. Gálvez J. A. and García J. I. Diastereoselective Strecker reaction of D-glyceraldehyde derivatives. A novel route to (2S,3S)- and (2R,3S)-2-amino-3,4-dihydroxybutyric acid 9563
- Cativiela C.** Diaz-de-Villegas M. D. and Jiménez A. I. Wittig olefination of methyl (1S,2R)-1-benzamido-2-formylcyclopropanecarboxylate. A powerful tool for the synthesis of new conformationally constrained cyclopropyl amino acids 5881
- Cativiela C.** see Avenoza A. 4839
- Caturla F.** and Nájera C. Studies on the reactivity of methyl γ -tosylcrotonoate as ambident reagent in organic synthesis 15243
- Caubère P.** see Gros P. 15147
- Caubère P.** see Kuehm-Caubère C. 9087
- Cavaleiro J. A. S.** see Tomé A. C. 1723
- Cavaleiro J. A. S.** see Tomé A. C. 1735
- Cavelier F.** Jacquier R. Mercadier J.-L. and Verducci J. Destruxin analogues: depsipeptidic bond replacement by amide bond 6173
- Cavicchioli M.** Decortat S. Bouyssi D. Goré J. and Balme G. A new route to γ -arylidenebutyrolactones via a tandem carbopalladation–heterocyclisation sequence: a formal synthesis of U-68,215 11463
- Cazaux L.** see Baltas M. 14865
- Cazaux L.** see Cathala B. 9793
- Cazes B.** see Vicart N. 9101
- Cederstrom E.** see Khim S.-K. 3195
- Cere V.** Pollicino S. and Fava A. Formation of cyclic sulfonium salts by Me₃SiL-promoted intramolecular displacement of hydroxide or methoxide by sulfide. Ring contraction thiepane \rightarrow thiolane 5989
- Cericelli G.** Luchetti L. and Mancini G. Surfactant control of the *ortho/para* ratio in the bromination of anilines—III 2465
- Cervera M.** Marquet J. and Martín X. Charge control in the S_NAr reaction. *meta* Substitution with respect to the activating nitro group in 3,4-dihalogenonitrobenzenes 2557
- Cervoise I.** see Nardello V. 2031
- Chabot B. M.** see Barton D. H. R. 10287
- Chabot B. M.** see Barton D. H. R. 10301
- Chakraborty T. K.** and Hussain K. A. Synthesis of rapamycin–peptide hybrid molecule (RAP–P): high affinity FKBP12 ligand 4053
- Chalecki Z.** see Guibé-Jampel E. 4397
- Chambers R. D.** Greenhall M. P. and Hutchinson J. Direct fluorination of 1,3-dicarbonyl compounds 1
- Chan I. Y.-K.** see Chow H.-F. 4277
- Chandrasekaran S.** see Ravikumar K. S. 9137
- Chandrasekhar J.** see Baskaran S. 4515
- Chang T. M.** see Chiang L. Y. 4963
- Chang W.-Y.** see Chou T.-C. 6325
- Chanon M.** see Barberis F. 14625
- Chantegrel B.** see Collomb D. 10455
- Chapman R. D.** O'Brien R. A. and Kondracki P. A. N-Denitration of nitramines by dihydronicotinamides 9655
- Chapuzet J.-M.** Beauchemin S. Daoust B. and Lessard J. On the mechanism of alcoholysis of allylic and benzylic alcohols and of epoxides in the presence of ceric ammonium nitrate 4175
- Charan R. D.** Garsom M. J. Brereton I. M. Willis A. C. and Hooper J. N. A. Haliclonacyclamines A and B, cytotoxic alkaloids from the tropical marine sponge *Haliclona* sp. 9111
- Charoensuk S.** see Suksamram A. 10673
- Charpentier P.** Brière J.-F. Dupas G. Quéguiner G. and Bourguignon J. Design and synthesis of a heterocyclic amine receptor 10441
- Chattopadhyaya J.** see Plavec J. 1597
- Chattopadhyaya J.** see Sund C. 12275
- Chen B.** see Huang W. 10131
- Chen C.-H. B.** see An Y.-Z. 5179
- Chen C.-H.** see Lee S.-S. 6561
- Chen C.-K.** see Lee S.-S. 6561
- Chen C.-K.** see Marinelli E. R. 11177
- Chen H.-J.** see Martin S. F. 7251
- Chen P.-S.** and Chou C.-H. Pyrolytic chemistry of phenyl benzoates 13615
- Chen R.-L.** and Liu R. S. H. New hindered isomers of 3-dehydroretinal (vitamin A₂) 7809
- Chen Y.** see Wang X. 10659
- Chen Y.-J.** Wang C.-Y. and Lin W.-Y. Radical cyclization of α -allenic ketone: a new approach to the synthesis of (\pm)- α -chamigrene 13181
- Chêne A.** see Moyroud J. 8525

- Cheng C.-Y. Hsin L.-W. and Liou J.-P.** Novel radical synthesis of morphine fragments spirobenzofuran-3(2*H*),4'-piperidine] and octahydro-1*H*-benzofuro[3,2-*e*]isoquinoline 10935
- Cheng E. Botzem J. Wanner M. J. Burm B. E. A. and Koomen G.-J.** Enzyme catalysed oxidation of nazlinin and nazlinin derivatives. Characterisation of the reaction products 6725
- Cheng K.-F. see Lee V.** 9455
- Cherkaoui O. Nebois P. Fillion H. Domard M. and Fenet B.** Regiospecific hetero Diels-Alder synthesis of furo[2,3-*g*] and furo[3,2-*g*]quinoline-4,9-diones 9499
- Cherkauskas J. P. Klos A. M. Borzilleri R. M. Sisko J. Weinreb S. M. and Parvez M.** A new method for preparation of 3,6-dihydro-2*H*-1,3-oxazines and explorations of their use in stereoselective synthesis of 1,3-amino alcohol derivatives 3135
- Cherrier M.-P. see Micouin L.** 7719
- Cherry D. T. see Beard M. J.** 3719
- Cheung M.-K. see Lee V.** 9455
- Chi Z.-F. see Tang Y.** 8747
- Chiacchio U. Corsaro A. Librando V. Rescifina A. Romeo R. and Romeo G.** Intramolecular nitrile oxide cycloaddition (INOC) of substituted amido-oximes 14323
- Chiacchio U. Corsaro A. Pistarà V. Rescifina A. Romeo G. and Romeo R.** An asymmetric approach to pyrrolidinone and pyrrolizidinone systems by intramolecular oxime-olefin cycloaddition 7875
- Chiacchio U. Gumina G. Rescifina A. Romeo R. Uccella N. Casuscelli F. Piperno A. and Romeo G.** Modified dideoxynucleosides: synthesis of 2'-*N*-alkyl-3'-hydroxyalkyl-1',2'-isoxazolidinyl thymidine and 5-fluorouridine derivatives 8889
- Chiacchio U. Rescifina A. Casuscelli F. Piperno A. Pisani V. and Romeo R.** Intramolecular nitrone cycloaddition: stereoselective synthesis of piperidine systems 14311
- Chiacchio U. see Corsaro A.** 13027
- Chiacchio U. see Corsaro A.** 7885
- Chiang L. Y. Bhonsle J. B. Wang L. Shu S. F. Chang T. M. and Hwu J. R.** Efficient one-flask synthesis of water-soluble [60]fullerenols 4963
- Chiaroni A. see Dumontet V.** 6931
- Chiaroni A. see Janin Y. L.** 15157
- Chiasera G. see D'Ambrosio M.** 8899
- Chin U. see Wada E.** 1205
- Chinchilla R. Galindo N. and Nájera C.** Dimethyl 2-(tosylmethyl)fumarate: an allyl sulfone as electrophilic reagent for the synthesis of itaconate ester derivatives 1035
- Chmielewski M. see Furman B.** 6019
- Chmielewski M. see Jurczak M.** 1411
- Cho K. W. see Seo Y.** 10583
- Choi S.-H. and Kim K.** Novel preparation of *N'*-aryliothiocarbamoyl-*N,N*-dialkylamides and their synthetic utilities 8413
- Chong H.-S. see Marchand A.** P. 13531
- Chorghade M. S. see Andersen K. E.** 3375
- Chou C.-H. see Chen P.-S.** 13615
- Chou T. and Wang C.-T.** Ring-substituted thieno-*o*-quinodimethanes via electrophilic substitution reactions of thiено-3-sulfolene 12459
- Chou T.-C. Hong P.-C. Wu Y.-F. Chang W.-Y. Lin C.-T. and Lin K.-J.** Diels-Alder reactions of a cage-annulated cyclohexa-1,3-diene. Synthesis and crystal structure of a doubly-caged sterically-congested tetraol 6325
- Chovancová J. see Lácová M.** 14995
- Chow H.-F. Chan I. Y.-K. Mak C. C. and Ng M.-K.** Synthesis and properties of a new class of polyether dendritic fragments: useful building blocks for functional dendrimers 4277
- Chowdhury U. S.** Synthesis of a versatile tetrasaccharide of sialyl Lex and Lex antigens 12775
- Choy Y. M. see Wang E. S.** 12137
- Chrysina E. D. see Brandstetter T. W.** 10721
- Chuburu F. see Oget N.** 2995
- Chung J.-H. see Hwang G. I.** 12111
- Giabatti R. see Tavecchia P.** 8763
- Ciancosi S. J. see Maligres P. E.** 3327
- Ciani S. M. see Garofalo A.** 7745
- Ciapetti P. Falorni M. and Taddei M.** CrCl₂ Mediated addition of allylic halides or phosphates to *N*-protected α -amino aldehydes. Stereocontrolled synthesis of a new core for C₂ symmetric HIV-protease inhibitors 7379
- Clavatta M. L. Gavagnin M. Puliti R. Cimino G. Martinez E. Ortea J. and Mattia C. A.** Dolabriferol: a new polypropionate from the skin of the anaspidean mollusc *Dolabrifera dolabrifera* 12831
- Ciminale F. Lopez L. Paradiso V. and Nacci A.** Aminium salts-induced dimerization of α -methylstyrene and 1-aryl-1-phenylethylenes. Solvent effect 13971
- Ciminello P. Dell'Aversano C. Fattorusso E. Magno S. Carrano L. and Pansini M.** Chemistry of Verongida sponges—VII. Bromocompounds from the Caribbean sponge *Aplysina archeri* 9863
- Cimino G. see Ciavatta M. L.** 12831
- Cimino G. see Guo Y.** 14961
- Cimino G. see Guo Y.** 8341
- Cinquini C. Bortolussi M. and Bloch R.** A novel synthesis of 2,5-dihydropyrrrole derivatives as enantiomerically enriched building blocks 6943
- Cinquini M. see Annunziata R.** 2573
- Cinquini M. see Annunziata R.** 2583
- Cintas P. see Avalos M.** 9263
- Ciocan-Tarta I. see Vlassa M.** 1337
- Cipiciani A. Fringuelli F. and Scappini A. M.** Enzymatic hydrolyses of acetoxy- and phenethylbenzoates by *Candida cylindracea* lipase 9869
- Cisarová I. see Belohradsky M.** 11013
- Citterio A. Sebastian R. Maronati A. Viola F. and Farina A.** Oxidative dimerization of diethyl 3-thienylmalonate by high valent metal salts. Synthesis of benzo[1,2-*b*:4,5-

- b**'dithiophene derivatives 13227
- Civcir P.** U. see Jones R. A. 8707
- Claramunt R. M.** see Cornago P. 11075
- Clardy J.** see Montanari A. M. 5371
- Clasby M. C.** Craig D. Jaxa-Chamiec A. A. Lai J. Y. Q. Marsh A. Slawin A. M. Z. White A. J. P. and Williams D. J. Vitamin D₃ synthetic studies. Intramolecular Diels–Alder approaches to the CD-ring fragment 4769
- Clausen H.** see Vuljanic T. 7983
- Clausen R. P.** and Becher J. The 1,2,3-thiadiazole route to new vinylogue tetrathiafulvalenes 3171
- Clerici A.** Clerici L. and Porta O. Acylation of a transient Ti(IV)-enolate by acyl halides and anhydrides. Facile synthesis of α -hydroxy- β -ketoesters 11037
- Clerici F.** Galletti F. Pocar D. and Roversi P. Isothiazoles—VI. Cycloaddition of azides to isothiazole dioxides: synthesis of thiadiazabi-cyclo[3.1.0]hexene derivatives and their thermal rearrangement to thiazete dioxides, 1,2,6-thiadiazine dioxides and pyrazoles 7183
- Clerici L.** see Clerici A. 11037
- Cleve A.** Fritzemeier K.-H. Heinrich N. Klar U. Müller-Fahrnow A. Neef G. Ottow E. and Schwede W. 11 β -Aryl steroids in the androstene series. The role of the 11 β -region in steroid progesterone receptor interaction 1529
- Cliff M. D.** and Pyne S. G. Palladium catalysed coupling of imidazoles to alkynyl and vinyl substrates 13703
- Clive D. L. J.** Kong X. and Paul C. C. Further model studies related to fredericamycin A: analogues in which ring C is expanded to six atoms, and an examination of the diastereoselectivity of radical spirocyclization 6085
- Cobb J.** Demetropoulos I. N. Korakas D. Skoulika S. and Varvounis G. Synthesis and reactions of 1-aryl-2-nitropyrrroles. Structural and conformational study of ethyl *N*-[2'-(1'-(2-nitropyrrrolyl)phenyl)-*N*-toluene-4-sulfonamide glycinate 4485
- Cobo J.** Melguizo M. Nogueras M. Sánchez A. Dobado J. A. and Nonella M. A theoretical investigation on the reactivity of 6-amino-3-methylpyrimidin-4(3*H*)-ones towards DMAD. Tandem Diels–Alder retro Diels–Alder (DA/RDA) reaction 13721
- Cobo J.** Melguizo M. Sánchez A. Nogueras M. and De Clercq E. A new method for the synthesis of 2-glycosylaminopyridines 5845
- Cohen L. A.** see Jain R. 5363
- Coldham I.** and Hufton R. Synthesis of 3-alkylpyrrolidines by anionic cyclization 12541
- Colell A.** see Rodríguez R. 7727
- Coll J.** see Calcagno M.-P. 10137
- Collado I. G.** Hanson J. R. and Macías-Sánchez A. J. The cleavage of caryophyllene oxide catalysed by tetracyanoethylene 7961
- Collignon N.** see Gulea-Purculescu M. 2075
- Collins M. A.** and Jones D. N. Efficient synthesis of bicyclo[2.2.1]heptane derivatives via stereoselective intramolecular Michael reactions of vinyl sulfones 8795
- Collins T. C.** see Hale K. J. 1047
- Collomb D.** Chantegrel B. and Deshayes C. Chemoselectivity in the rhodium(II) acetate catalysed decomposition of α -diazo- β -keto- γ , δ -alkenyl- δ -aryl compounds: aromatic C–H insertion reaction or Wolff rearrangement–electrocyclization 10455
- Collomb D.** Deshayes C. and Douthieu A. Synthesis of functionalized phenolic derivatives via the benzannulation of dienylketenes formed by a thermal Wolff rearrangement of α -diazo- β -keto compounds 6665
- Colman-Saizarbitoria T.** see Alfonso D. 4215
- Colmenares L. U.** and Liu R. S. H. Fluorinated phenylrhodopsin analogs. Binding selectivity, restricted rotation and ¹⁹F NMR studies 109
- Colombani D.** and Maillard B. Stereoselectivity of the intramolecular homolytic substitution in the induced decomposition of methacrylic-type peroxidic compounds 14855
- Colombo L.** see Tavecchia P. 8763
- Comasseto J. V.** Menezes P. H. Stefani H. A. Zeni G. and Braga A. L. Addition of hydrogen halides to acetylenic selenides. Synthesis of 1-halo-1-selenoalkenes 9687
- Comes-Franchini M.** see Bonini B. F. 4803
- Compair P.** Goré J. and Vatèle J.-M. Rearrangement of α -hydroxy imines to α -amino ketones: mechanistic aspects and synthetic applications 6647
- Compair P.** Goré J. and Vatèle J.-M. Palladium(II)-catalyzed formation of γ -butyrolactones from 4-trimethylsilyl-3-alkyn-1-ols: synthetic and mechanistic aspects 10405
- Compernolle F.** see Carly P. R. 11889
- Compernolle F.** see Dubois K. J. 2591
- Conde J. J.** see Hanessian S. 10827
- Condamine G.** see Alessi F. 4625
- Condoluci J. J.** see Noland W. E. 4555
- Connolly T. P.** see Zacharie B. 2271
- Constable E. C.** and Smith D. R. Photoisomerisation of 9-anthrylsubstituted pyridyl enones 935
- Constantinescu M. A.** see Mangalagiu I. I. 8853
- Conti C.** see Bruni P. 6795
- Cook M. J.** see Bryant G. C. 809
- Cooper R. I.** see Brandstetter T. W. 10711
- Copérat C.** Ma S. Sugihara T. and Negishi E. Cyclic carbopalladation of alkynes terminated by carbonylative amidation 11529
- Cordell G. A.** see Yoshida T. 14487
- Corlay H.** Motherwell W. B. Pennell A. M. K. Shipman M. Slawin A. M. Z. Williams D. J. Binger P. and Stepp M. Stereochemical aspects of intramolecular palladium catalysed [3 + 2] cycloadditions of methyl-encyclopropanes 4883
- Cornago P.** Escolástico C. Santa María M. D. Claramunt R. M. Fernández-Castaño C.

- Foces-Foces C. Fayet J.-P. and Elguero J.** Aromatic propellenes. Synthesis, X-ray structures and conformational study of polypyrazolypyridines 11075
- Cornec O.** see Desarbre E. 2983
- Cornelisse J.** see van Dijk J. T. M. 2647
- Corsaro A. Buemi G.** Chiacchio U. Perrini G. Pistarà V. and Romeo R. The role of the hydrogen bonding in cycloadditions of benzonitrile oxide with cyanophenols 7885
- Corsaro A. Librando V.** Chiacchio U. and Pistarà V. 1,3-Dipolar cycloaddition reactions of polycyclic aromatic hydrocarbons with 3,5-dichloro-2,4,6-trimethyl- and 2,4,6-trimethylbenzonitrile oxide 13027
- Corsaro A. Perrini G.** Pistarà V. Quadrelli P. Gamba Invernizzi A. and Caramella P. Cycloaddition of benzonitrile oxide to pyridazine, pyrimidine and pyrazine 6421
- Corsaro A.** see Chiacchio U. 14323
- Corsaro A.** see Chiacchio U. 7875
- Cosimelli B. Neri D. and Roncucci G.** A new synthetic route to 2,2':5',2"-terthiophene-5-derivatives to conjugate with proteins and monoclonal antibodies 11281
- Cosstick R.** see Higson A. P. 1027
- Cossu S. and De Lucchi O.** A mild alternative to the use of benzene in [4 + 2]-cycloaddition reactions 14247
- Costantino V. Fattorusso E.** Mangoni A. Di Rosa M. Ianaro A. and Maffia P. Glycolipids from sponges—IV. Immunomodulating glycosyl ceramides from the marine sponge *Agelas dispar* 1573
- Costero A. M. Andreu C.** Monrabal E. Tortajada A. Ochando L. E. and Amigó J. M. Allosteric behaviour of a bis-cyclic crown ether derived from biphenyl 12499
- Costero A. M. Andreu C.** Pitarch M. and Andreu R. Macrolactones and crown ethers derived from biphenyl. Electronic and steric influence of substituents on its complexation ability 3683
- Cotisella B.** see Duczek W. 8733
- Coulter C. V. Gerrard J. A.** Kraunsoe J. A. E. Moore D. J. and Pratt A. J. (*S*)-Aspartate semi-aldehyde: synthetic and structural studies 7127
- Courtney A. K.** see Martin S. F. 7251
- Couston J.-M.** 1-Arylamino-1-methylthio-2-nitroethene in superacids: NMR study and reactivity of the formed hydroxynitrium ions 9509
- Couture A. Deniau E.** Grandclaudon P. and Woisel P. A new synthetic route to 2-alkyl-4-aryl-1(2*H*)-isoquinolones and 2-alkyl-4-aryl-1,2,3,4-tetrahydroisoquinolines 4433
- Cozzi F.** see Annunziata R. 2573
- Cozzi F.** see Annunziata R. 2583
- Craig C. J.** see Tschanber T. 6201
- Craig D. Etheridge C. J. and Smith A. M.** (Alkoxyallyl)sulfones as enal β-anion equivalents. Synthesis of 5-substituted 2(5*H*)-furanones 15267
- Craig D. and Etheridge C. J.** (Alkoxyallyl)sulfones as enal and enone β-anion equivalents. Synthesis of mono-, di- and trisubstituted furans 15289
- Craig D.** see Ainsworth P. J. 8937
- Craig D.** see Clasby M. C. 4769
- Cravotto G. Giovenzana G. B.** Sisti M. and Palmisano G. Dehydrative alkylation of alcohols with triethyl methanetricarboxylate under Mitsunobu conditions 13007
- Crestini C.** see Saladino R. 6759
- Criado J. J.** see Beyer L. 6233
- Crisp G. T. and Gebauer M. G.** Heck couplings of nonactivated alkenes 12465
- Cristau H. J. Taillefer M.** Urbani J. P. and Fruchier A. Reactivity of substituted and unsubstituted diphenyl-phosphonium diylides towards carbonic anhydride derivatives 2005
- Crook S.** see Brandstetter T. W. 10721
- Cross R.** see Adams H. 8565
- Cross R.** see Brettle R. 10547
- Cross R. J.** see Shimshi R. 5143
- Crucianelli M.** see Botta M. 10205
- Cruskie, Jr M. P.** see Zoltewicz J. A. 4239
- Csorvássy I.** see Marton J. 2449
- Csuk R. Höring U. and Schaade M.** Chain extension of aldonolactones by samarium iodide mediated Dreiding-Schmidt reactions and samarium assisted Imamoto reactions 9759
- Csuk R. Schaade M. and Krieger C.** Synthesis of *C*-glycosides from glycals or vinyllogous lactones and trimethylsilyl ketene acetals 6397
- Csuk R. and von Scholz Y.** Enantiomerically pure cyclopropanoid nucleoside analogues: synthesis and analysis 6383
- Cuadrado P.** see Bañuelos L. A. 9193
- Cuadro A. M.** see Valenciano J. 11349
- Cuenca A. and Strubinger A.** Synthesis of 2-(2-nitrophenoxy)quinoxaline and its basic hydrolysis in aqueous solutions of nonreactive counter ion surfactants with bulky head groups 11665
- Cuervo-Rodríguez R.** see Alvarez-Ibarra C. 11239
- Cueto M. and Darias J.** Uncommon tetrahydrofuran monoterpenes from Antarctic *Pantoneura plocamoides* 5899
- Cui C.-B. Kakeya H. and Osada H.** Novel mammalian cell cycle inhibitors, spirotryprostatins A and B, produced by *Aspergillus fumigatus*, which inhibit mammalian cell cycle at G2/M phase 12651
- Cui Y.** see Wang X. 10659
- Culebras R.** see García Ruano J. L. 2177
- Cunard N. T.** see Sieburth S. McN. 6251
- Curran D. P. Liu H. Josien H. and Ko S.-B.** Tandem radical reactions of isonitriles with 2-pyridonyl and other aryl radicals: scope and limitations, and a first generation synthesis of (±)-camptothecin 11385
- Curran D. P.** see Porter N. A. 4181
- Cyranski M. and Krygowski T. M.** Separation of the energetic and geometric contributions to the aromaticity of π-electron carbocyclics—V. Analysis of the aromatic character of azanalogues of benzenoid hydrocarbons 13795
- Cyranski M.** see Krygowski T. M. 10255

- Cyranski M.** see Krygowski T.
M. 1713
- Dahuron N.** see Langlois N.
15117
- Daïch A.** see Ohier P. 13547
- Dai L.-X.** see Tang Y. 8747
- Daloze D.** see Jacoby C. 10473
- Daloze D.** see Schröder F.
13539
- Dalpozzo R.** see Bartoli G.
9179
- D'Ambrosio M.** **Guerriero A.**
Chiasera G. **Pietra F.** and
Tatò M.
Epinardins A-D, new
pyrroloiminoquinone alkaloids
of undetermined deep-water
green demosponges from pre-
antarctic Indian Ocean 8899
- Damiani E.** see Carloni P.
11257
- Danieli B.** **Lesma G.** **Luzzani**
M. **Passarella D.** and
Silvani A.
Diels-Alder reactions of
methyl *N*-*p*-methoxybenzen-
sulfonylindole-2-(2-
propenoate), a convenient
dienophile towards the
synthesis of andrangirine
11291
- Danielmeier K.** **Schierle K.**
and **Steckhan E.**
Electrochemical oxidation of
chiral 5-substituted 2-
oxazolidinones: a key building
block for dichiral β-amino
alcohols 9743
- Danzin C.** see Halazy S. 177
- Daoust B.** see Chapuzet J.-M.
4175
- Darias J.** see Cueto M. 5899
- Darwish A. D.** see Avent A. G.
5235
- Dasgupta S.** see Goswami S.
12223
- Das S.** **Kumar J. S. D.**
Shivaramayya K. and
George M. V.
Formation of lactams via
photoelectron-transfer
catalyzed reactions of *N*-
allylamines with α,β-
unsaturated esters 3425
- Dastan A.** **Taskesenligil Y.**
Tümer F. and Balci M.
High temperature
bromination—VIII.
Bromination of
homobenzonorbornadiene
14005
- Daub J.** see Märkl G. 1981
- D'Auria M.** **Esposito V.** and
Mauriello G.
Photochemical reactivity of
aromatic and heteroaromatic
nitroderivatives in the
presence of arylalkenes
14253
- D'Auria M. V.** **Zampella A.**
Gomez Paloma L. **Minale L.**
Debitus C. Roussakis C.
and Le Bert V.
Callipeltins B and C; bioactive
peptides from a marine
Lithistida sponge *Callipelta* sp.
9589
- Davidson B. S.** see Sitachitta N.
8073
- Davies G. M.** see Adams H.
8565
- Davies G. M.** see Brettle R.
10547
- Davies M.** see Magnus P. 6283
- Davis C. R.** see Fontana S. A.
37
- Davison E. C.** **Forbes I. T.**
Holmes A. B. and
Warner J. A.
N-Alkenyl nitrone dipolar
cycloaddition routes to
piperidines and
indolizidines—VIII. The scope
of tandem reactions involving
hydroxylamine-alkyne
cyclisations 11601
- Dawood K. M.** see Farag A. M.
7893
- Dawson J. R.** **Dory Y. L.**
Mellor J. M. and
McAleer J. F.
Synthesis of novel potassium
selective valinomycins 1361
- Deadman J.** see Green D.
10215
- Deagostino A.** **Prandi C.** and
Venturello P.
Reaction of α,β-unsaturated
and α-phenyl acetals with
epoxides, promoted by
lithium-potassium mixed base
LICKOR: synthesis of
homoallyl alcohols 1433
- Debitus C.** see D'Auria M. V.
9589
- De Blic A.** see Baltas M. 14865
- De Bruyn A.** see Doboszewski
B. 1479
- De Clercq E.** see Cobo J. 5845
- De Clercq E.** see Hossain N.
13655
- Declercq J.-P.** see Mihailovic M.
Lj. 11995
- Decortiat S.** see Cavicchioli M.
11463
- De Crescentini L.** see Arcadi A.
3997
- Decroix B.** see Ohier P. 13547
- Defoin A.** see Behr J.-B. 3283
- Degl'Innocenti A.** see Reginato
G. 10985
- de Groot A.** see Piet D. P.
11273
- Degueil-Castaing M.** see
Helgorsky C. 8263
- de Ilarduya A. M.** see Alemán
C. 8275
- de Jong J. C.** see Peer M.
7547
- De Kimpe N.** and **Aelterman W.**
An efficient synthesis of (*S*)-
(+)-manicone, an alarm
pheromone of *Manica* ants
12815
- De Kimpe N.** and **Keppens M.**
Novel routes to indoles,
indolines, quinolines and
tetrahydroquinolines from *N*-
(cyclohexylidene)amines
3705
- De Kimpe N.** **Stevens C.** and
Virág M.
Rearrangement of α,δ-
dichloroaldimines to 2-
formylpyrrolidines: α,α-
azacyclobisalkylation of
aldehydes 3303
- de la Fuente C.** see
Brandstetter T. W. 10711
- de la Fuente C.** see
Brandstetter T. W. 10721
- de la Fuente M. C.** **Castedo L.**
and **Domínguez D.**
Total synthesis of (\pm)-*O*-
methylclavizepine 4917
- de la Hoz A.** see Díaz-Ortiz A.
9237
- de la Hoz A.** see Sánchez-
Migallón A. 10811
- Delanghe P. H. M.** see Lautens
M. 7221
- de la Salud R.** see Fernández I.
12031
- de las Heras M. A.**
Vaquero J. J.
- García Navio J. L.** and
Álvarez-Builla J.
Synthesis of carbonyl and
dicarbonyl compounds from
organometallic reagents and
N-imidazolium-*N*-methyl
amides and bis-amides
14297
- Del Buttero P.** see Baldoli C.
4849
- de Lederkremer R. M.** see Nin
A. P. 12911
- Delgado A.** see Villar J. M.
10525
- Delisser V.** see Hale K. J. 1047
- Della Bona M. A.** see Alberti A.
10241
- DellaGreca M.** **Previtera L.**
Fiorentino A. Pinto G. and
Pollio A.
Bioconversion of 17β-hydroxy-
17α-methyl-androsta-1,4-dien-
3-one and androsta-1,4-diene-
3,17-dione in cultures of the
green alga *T76 Scenedesmus*
quadricauda 13981
- Dell'Aversano C.** see Ciminiello
P. 9863
- Dell'Erba C.** **Novi M.**
Petrillo G. Spinelli D. and
Tavani C.
Synthetic exploitation of the
ring-opening of 3,4-
dinitrothiophene. Access to
1,4-disubstituted 2,3-dinitro-
1,3-butadienes and 2,3-
diaminobutanes 3313
- Dell'Erba C.** **Novi M.** Petrillo
G. and Tavani C.
Electrophilic α-*p*-
tolylhydrazoneylation of *tert*-
butyl alkanoates and tertiary

- alkanamides with *tert*-butyl *p*-tolylazo sulfide 5889
del Olmo E. see López-Pérez J. L. 4903
de los Santos J. M. see Palacios F. 4123
de los Santos J. M. see Palacios F. 4857
DeLuca M. see Bauta W. E. 14081
DeLucca I. see Li H.-Y. 11153
De Lucchi O. see Cossu S. 14247
De Marino S. see Iorizzi M. 10997
de Meijere A. see Ang K. H. 11503
de Meijere A. see Heiner T. 12185
de Meijere A. see Henniges H. 11545
Demchenko A. M. see Kovtunenko V. A. 9835
Demetropoulos I. N. see Cobb J. 4485
Demharter A. see Ugi I. 11657
Dempsey P. J. F. see Milgrom L. R. 9877
Demuynick C. see Hecquet L. 8223
Deniau E. see Couture A. 4433
De Nino A. see Bartoli G. 9179
Denmark S. E. and
 Senanayake C. B. W.
 Tandem inter [4 + 2]/intra [3 + 2] cycloadditions—VIII.
 Cycloadditions with unactivated dipolarophiles 11579
de Pascual-Teresa B. see Lopez-Pérez J. L. 4903
Déprez B. P. see Pop I. E. 12209
Dérien S. Jan D. and
Dixneuf P. H.
 Ruthenium-catalysed coupling of allyl alcohol with alkynes: a new route to γ,δ -unsaturated acetals and aldehydes 5511
De Risi C. see Barco A. 4719
De Risi C. see Barco A. 9275
de Roos M. E. see Pasenok S. V. 2977
de Roos M. E. see Pasenok S. V. 9755
Derrick S. D. Boehme R.
 Wong K. M. Nemeth F.
 Tanaka K. Rumberg B.
 Beekman R. A. and
Dibble P. W.
 Steric and electronic effects in imine-hemiannual ring-chain tautomerism 7679
Desarbre E. Savelon L.
 Correc O. and Mérour J. Y.
 Oxidation of indoles and 1,2-dihydro-3*H*-indol-3-ones 2983
Descotes G. Ramza J.
 Bassat J.-M. Pagano S.
 Gentil E. and Banoub J.
 Synthesis and structural characterization of macrocyclic carbohydrate derivatives obtained from catalytic metathesis reaction with chloro-aryloxide complexes of tungsten 10903
Descotes G. see Praly J.-P. 9057
Descotes G. see Somsák L. 9121
Deseke E. Hoyer W. and
Winterfeldt E.
 Chemical differentiation of enantiotopic groups: diastereoselective opening of a prochiral dilactone 14577
Deshayes C. see Collomb D. 10455
Deshayes C. see Collomb D. 6665
Deshmukh A. R. see Jayaraman M. 8989
Deshmukh A. R. A. S. see Jayaraman M. 3741
Deshmukh A. R. A. S. see Srirajan V. 5579
Deshmukh A. R. A. S. see Srirajan V. 5585
Deshpande S. P. see Baskaran S. 6437
Deshpande V. H. Rai B. and
Khan R. A.
 Simple syntheses of (+)-orthosporin and (-)-semivioxanthin methyl ether 7159
Desimoni G. Faita G. Garau S. and Righetti P.
 Solvent effect in pericyclic reactions—X. The cheletropic reaction 6241
Desimoni G. Faita G.
 Righetti P. and Sardone N.
 Catalysis with inorganic cations—VI. The effect of chiral bis-oxazoline-magnesium perchlorate catalysts on chemo- and enantioselectivity of intramolecular hetero Diels-Alder and ene reaction 12019
Desimoni G. Faita G.
 Righetti P. and Tacconi G.
 Catalysis with inorganic cations—V. Intramolecular hetero Diels-Alder versus ene reactions: effect of magnesium perchlorate on chemoselectivity 12009
Desimoni G. Faita G. and
 Mella M.
 A stereodivergent synthesis of chiral 4,5-disubstituted bis(oxazolines) 13649
Deslongchamps P. see Li S. 14841
DesMarteau D. D. see Ying W. 15
Dettner K. see Veith M. 6601
de Vries A. H. M. see Rispens M. T. 3521
de Vroom E. see Neef J. M. I. 11905
Dewynter G. Abdaoui M.
Regainia Z. and
Montero J.-L.
 Synthesis of *N*-sulfamoyloxazolidinones and -perhydroxazinones; reactivity and use as donors in the transsulfamylation reaction; application to the preparation of 2-chloroethylnitrososulfamides—IV 14217
Dewynter G. Aouf N.
Regainia Z. and
Montero J.-L.
 Synthesis of pseudonucleosides containing chiral sulfahydantoins as aglycone—II 993
Dhilluin C. F. see Pop I. E. 12209
Dharma Rao P. see Basavaiah D. 8001
Dhimane A.-L. see Fensterbank L. 11405
Diamantidis G. see Marinelli E. R. 11177
Díaz-de-Villegas M. D. see Cativiela C. 5881
Díaz-de-Villegas M. D. see Cativiela C. 9563
Díaz-Ortíz A. Carrillo J. R.
 Díez-Barra E. de la Hoz A. Gómez-Escalona M. J. Moreno A. and Langa F.
 Diels-Alder cycloaddition of vinylpyrazoles. Synergy between microwave irradiation and solvent-free conditions 9237
Díaz Pérez V. M. see García Fernández J. M. 12947
Dibble P. W. see Derrick S. D. 7679
Di Bella M. see Tait A. 12587
Diederich F. see Timmerman P. 4925
Diez A. see Forns P. 3563
Diez A. see López I. 8581
Diez A. see Rodríguez R. 7727
Díez-Barra E. see Diaz-Ortíz A. 9237
Dill C. D. see Zoltewicz J. A. 14469
Dill C. D. see Zoltewicz J. A. 4239
Dimitrov V. Simova S. and
Kostova K.
 Highly effective and practical stereoselective synthesis of new homoallylic alcohols with (+)-camphor and (-)-fenchone skeleton 1699
Dinan L. see Werner F. 5525
Ding K. Wang Y. Zhang L.
Wu Y. and Matsuura T.
 A novel two-phase oxidative coupling of 2-naphthols suspended in aqueous Fe^{3+} solutions 1005
Din Belle D. Tolvanen A. and
Lounasmaa M.
 Total syntheses of tacamine-

- type indole alkaloids of *Tabernaemontana eglandulosa* 11361
- Diorazio L.** see Bauta W. E. 14081
- Diorazio L.** see Magnus P. 14103
- Diorazio L.** see Magnus P. 14147
- Di Rosa M.** see Costantino V. 1573
- d'Ischia M.** see Napolitano A. 8775
- d'Ischia M.** see Pezzella A. 7913
- Dixneuf P. H.** see Dérien S. 5511
- Dixneuf P. H.** see Lavastre O. 5495
- Dobado J. A.** see Cobo J. 13721
- Dobarro A. and Velasco D.** Synthesis of β,γ -unsaturated *N*-acyl-2-oxazolidinones 13525
- Dobarro A. and Velasco D.** Synthesis of β,γ -unsaturated *N*-acyl-2-oxazolidinones 13733
- Doboszewski B., Blaton N., Rozenski J., De Bruyn A. and Herdewijn P.** Corrigendum 1479
- Doboszewski B. and Herdewijn P.** Branched-chain nucleosides: synthesis of 3'-deoxy-3'-C-hydroxymethyl- α -L-lyxopyranosyl thymine and 3'-deoxy-3'-C-hydroxymethyl- α -L-threo-furanosyl thymine 1651
- Doddi G., Fazio M. C., Luvidi L., Mencarelli P. and Ercolani G.** Effect of alkali cations on the methoxide ion addition to corands incorporating a thiopyrylium subunit 3509
- Dodge J. A.** see Martin S. F. 3229
- Dodziuk H.** The classification scheme of isomers of organic molecules 12941
- Doé de Maindreville M.** see Royer D. 9069
- Doi Y., Ishibashi M. and Kobayashi J.** Total synthesis of pseudodistomin C, a sphingosine-related piperidine alkaloid from tunicate *Pseudodistoma kanoko* 4573
- Dolbier, Jr W. R.** see Avila D. V. 12351
- Dolence J. M. and Poulet C. D.** Synthesis of analogs of farnesyl diphosphate 119
- Dolphin D.** see Ma L. 849
- Domard M.** see Cherkaoui O. 9499
- Domènec C.** see Matheu M⁸ I. 7797
- Domingo L. R., Gil S., Mestres R. and Picher M. T.** Theoretical model of solvated lithium dienediolates of methyl substituted 2-butenoic acids 11105
- Domingo L. R., Picher M. T., Andrés J., Moliner V. and Safont V. S.** Theoretical study of the solvent effects on the mechanisms of addition of dimethyl acetylene-dicarboxylate to 1-methyl-2-vinylpyrrole 10693
- Dominguez D.** see de la Fuente M. C. 4917
- Dominguez D.** see García A. 5929
- Domínguez G.** see Alcaide B. 13215
- Donadelli A.** see Arnone A. 131
- Donati D., Garzon-Aburbeh A., Natalini B., Marchioro C. and Pellicciari R.** Conformationally constrained tryptophan analogs. Synthesis of (\pm)-(Z)- and (\pm)-(E)-2-amino-2,3-methano-3-(indol-3-yl)-propanoic acids 9901
- Donati D.** see Padova A. 263
- Dondas H. A., Grigg R. and Thornton-Pett M.** Spiro(pyrrolidinyl-2,3'-benzodiazepines) related to MK-329 13455
- Dondoni A., Marra A., Rojo I. and Scherrmann M.-C.** Thiazolylketol acetates as glycosyl donors. Stereoselective synthesis of α -linked ketodisaccharides 3057
- Donkervoort J. G., Gordon A. R., Johnstone C., Kerr W. J. and Lange U.** Development of modified Pauson-Khand reactions with ethylene and utilisation in the total synthesis of (+)-taylorione 7391
- Donohoe T. J.** see Bauta W. E. 14081
- Donohoe T. J.** see Magnus P. 14147
- Donohoe T.** see Magnus P. 14103
- Döpke W.** see Wagner J. 6591
- Dorsy M.** see Mojovic L. 10417
- Dory Y. L., Mellor J. M. and McAleer J. F.** Applications of pentafluorophenylester coupling in the synthesis of cyclodepsipeptides related to valinomycins 1343
- Dory Y. L., Mellor J. M. and McAleer J. F.** Synthesis of phenyl substituted valinomycins 1379
- Dory Y. L.** see Dawson J. R. 1361
- Dory Y. L.** see Li S. 14841
- Douadi T., Cariou M. and Simonet J.** Anodic oxidation of hexamethoxybiphenyls into either stable cation radical salt or spiro(fluorene-9,1'-cyclohexadienones) 4449
- Doubleday W. W.** see Barrett A. G. M. 15325
- Dougherty T. J.** see Pandey R. K. 5349
- Doutheau A.** see Alessi F. 4625
- Doutheau A.** see Collomb D. 6665
- Doyle A. A.** see Banks M. R. 4079
- Doyon J.** see Paquette L. A. 11625
- Drach B. S.** see Van Meerbeek L. 8835
- Drake D. J.** see Tius M. A. 14651
- Dridi S.** see Sapi J. 8209
- Drummond S.** see Li H.-Y. 11153
- Druta I. I.** see Mangalagiu I. I. 8853
- Du K. X.** see Gupton J. T. 6879
- Du Z.** see Marchand A. P. 9703
- Dubois K. J., Fannes C. C., Compernolle F. and Hoornaert G. J.** 4,6-Dichloro-2-oxa-5-azabicyclo[2.2.2]oct-5-en-3-ones and their use in the synthesis of 1,6-dihydro-6-oxo-2-pyridine- and 6-oxo-2-piperidinocarboxylates 2591
- Dubois K. J., Fannes C. C., Toppet S. M. and Hoornaert G. J.** Generation of polysubstituted 2-pyridinecarboxylic acid derivatives from the reaction of (functionalised) 2-oxa-5-azabicyclo[2.2.2]oct-5-en-3-ones with various nucleophiles 12529
- Dubois K. J. and Hoornaert G. J.** A new pathway to substituted 6-chloro-2-pyridinecarboxylic acid derivatives from the reaction of 4,6-dichloro-2-oxa-5-azabicyclo[2.2.2]oct-5-en-3-ones with nucleophiles 6997
- Ducrot P., Bucourt R., Thal C., Marcot B., Mayargue J. and Moskowitz H.** Conformational analysis of stereoselective epoxidations in flexible systems 6699
- Duczek W., Tittelbach F., Costiella B. and Niclas H.-J.** Reaction of [60]fullerene with 5-imino-1,2,4-thiadiazolidine-3-ones: formation of new C₆₀-fused heterocycles 8733

- Dueno E. E. see Gupton J. T. 6879
- Dulphy H. Gras J.-L. and Lejon T. Methoxymethylation of tartrate as a strategy for the synthesis of chiral building blocks 8517
- Dumontet V. Thoisson O. Omobuwajo O. R. Martin M.-T. Perromat G. Chiaroni A. Riche C. Païs M. Sévenet T. and Hadi A. H. A. New nitrogenous and aromatic derivatives from *Aglaia argentea* and *A. forbesii* 6931
- Dunger S. see Schroth W. 12677
- Dupas G. see Charpentier P. 10441
- Durán C. J. see Avalos M. 9263
- Durand P. see Meffre P. 11215
- Dussault P. H. Anderson T. A. Hayden M. R. Koeller K. J. and Niu Q. J. Auxiliary-directed peroxidation of 1,4-dienes 12381
- Duyntee H. I. see Zegelaar-Jaarsveld K. 3575
- Dygutsch D. P. and Eilbracht P. Synthesis of cyclopentanone derivatives with polystyrene-supported cyclopentadienyl rhodium catalysts 5461
- Dyker G. Körning J. Bubenitschek P. and Jones P. G. [4 + 2] Cycloaddition reactions of acenaphth[1,2-a]acenaphthylene 14777
- Earle M. A. see Keynes M. N. 8685
- Earnshaw D. J. see Higson A. P. 1027
- Easton C. J. Hutton C. A. Merrett M. C. and Tiekink E. R. T. Neighbouring group effects promote substitution reactions over elimination and provide a stereocontrolled route to chloramphenicol 7025
- Ebert C. Gardossi L. Linda P. Vesnaver R. and Bosco M. Influence of organic solvents on enzyme chemoselectivity and their role in enzyme–substrate interaction 4867
- Echarri R. see Matheu M^a I. 7797
- Edge N. C. see Beagley B. 10193
- Edwards G. L. Muldoon C. A. and Sinclair D. J. Cyclic enol ether synthesis via arenesulfonyl iodide additions to alkynols 7779
- Edwards M. I. see Ward R. S. 12799
- Eggenspiller A. see Halazy S. 177
- Eglinton G. see Huang Y. 6973
- Eguchi S. see Ohno M. 4983
- Eguchi S. see Zhao B.-X. 12049
- Ehrhard A. see Halazy S. 177
- Eilbracht P. see Dygutsch D. P. 5461
- Eilbracht P. see Tewes G. 5449
- Ellitz U. see Wucherpfennig U. 143
- El-Sherief H. A. H. see Sarhan A. A. O. 10485
- Eley M. D. see Bartsch R. A. 8979
- Elgendy S. see Green D. 10215
- Elguero J. see Cornago P. 11075
- Elguero J. see Jagerovic N. 6733
- Elguero J. see Sánchez-Migallón A. 10811
- Elling L. see Zervosen A. 2395
- Elliott I. W. Sloan M. J. and Tate E. Synthetic entry to dibenzo[b,f]oxinin and dibenzo[b,f]azonine derivatives through a dibenzo[a,e]cycloocten-5-one 8063
- Elliott J. see Magnus P. 6283
- Elnagdi M. H. see Al-Omran F. 11915
- Eloranta T. O. see Khomutov A. R. 13751
- Elwan N. M. Abdelhadi H. A. Abdallah T. A. and Hassaneen H. M. Synthesis of [1,2,4]triazolo[3,4-*a*]isoquinolines and pyrrolo[2,1-*a*]isoquinolines using α -keto hydrazonyl halides 3451
- El Abed D. see Miloudi A. 9785
- El Achab R. see Camps P. 5867
- Emswiler J. see Marinelli E. R. 11177
- Enders D. Backhaus D. and Runsink J. Asymmetric [2,3]-sigmatropic Wittig rearrangement of chiral α -allyloxyhydrazones 1503
- Enders D. Hecker P. and Meyer O. A novel approach to 2-amino-1,3-dienes by coupling of α -chloro enamines and alkenyl lithium compounds 2909
- Enders D. Piva O. and Burkamp F. Asymmetric synthesis of vicinal thioether alcohols by diastereoselective 1,2-addition of carbon nucleophiles to enantiomerically enriched α -sulfonylated aldehydes 2893
- Enders D. and Knopp M. Novel asymmetric syntheses of (-)-malangolide and (+)-epi-malangolide 5805
- Osawa E. see Matsumoto T. 7807
- Eng K. K. see Maligres P. E. 3327
- Ennis D. S. see Ince J. 7037
- Entrena A. see Campos J. 8907
- Epszajn J. Józwiak A. Krysiak J. K. and Łucka D. Application of organolithium and related reagents in synthesis—XVIII. Synthetic strategies based on aromatic metallation. A conversion of methyl *ortho*-pyridoylbenzoates into aza-anthra-5,10-quinones 11025
- Epszajn J. see Brzezinski J. Z. 3261
- Ercolani G. see Doddi G. 3509
- Eremiš S. V. see Ivanova D. I. 9581
- Ernst A. see Fürstner A. 7329
- Ernst S. Jelonek S. Sieler J. and Schulze K. 4-Methylallyl substituted 1,2,4-triazoline-3-thiones as a source of N-bridgehead heterocycles 791
- Eschler P.-Y. see Franz A. 11643
- Escolástico C. see Cornago P. 11075
- Escudier J.-M. see Nacro K. 9047
- Espinosa A. see Campos J. 8907
- Esposito V. see D'Auria M. 14253
- Estévez-Braun A. see González A. G. 10667
- Estévez-Braun A. see González A. G. 9597
- Estévez-Reyes R. see González A. G. 10667
- Estiarte M. A. see Rodríguez R. 7727
- Etheridge C. J. see Craig D. 15267
- Etheridge C. J. see Craig D. 15289
- Eto M. Uemura T. Shimizu N. and Harano K. Sequential pericyclic reaction of unsaturated xanthates. Intramolecular cycloaddition selectivity of the 2,4-alkadienyl 2-alkenyl sulfides 13909
- Evers M. see Mévillec L. 15103
- Ezquerro J. see López A. 8365
- Fabian W. M. F. see Zoltewicz J. A. 8703
- Fabian W. M. F. see Kollenz G. 5427
- Fabianowski W. see Makosza M. 9575
- Fabrizi G. see Arcadi A. 6983

- Fabrizi G.** see Cacchi S. 10225
- Fache F.** Valot F.
Milenkovic A. and
Lemaire M.
Catalytic reductive N-alkylation of anilines.
Application to the synthesis of *N*-aryl aminoacid precursors 9777
- Fagnoni M.** Vanossi M.
Mella M. and Albini A.
Limits to oxidation of organic substrates. SET oxidative processes of commonly used solvents as revealed through the photochemical reaction with 1,2,4,5-benzenetetracarbonitrile 1785
- Faita G.** see Desimoni G. 12009
- Faita G.** see Desimoni G. 12019
- Faita G.** see Desimoni G. 13649
- Faita G.** see Desimoni G. 6241
- Faitg T.** see Soulié J. 15137
- Fajarí L.** see Carilla J. 7013
- Falck-Pedersen M. L.** and
Undheim K.
Asymmetric synthesis of phenylbis(glycines) 7761
- Falorni M.** see Ciapetti P. 7379
- Faltz H.** Bohrisch J.
Wohlauf W. Pätz M.
Jones P. G. and
Liebscher J.
Synthesis of chiral condensed S-heterocycles via stereoselective Michaeli-like addition to butenolides and α,β -unsaturated lactams 9035
- Fan H.** see Marinelli E. R. 11177
- Fang Q.** see Hu S. 8739
- Fannes C. C.** see Dubois K. J. 12529
- Fannes C. C.** see Dubois K. J. 2591
- Fantin G.** Fogagnolo M.
Giovannini P. P. Medici A.
Pedrini P. Gardini F. and
Lanciotti R.
Anti-Prelog microbial reduction of prochiral carbonyl compounds 3547
- Fantin G.** Fogagnolo M.
Gleria M. Medici A. Minto F. and Pedrini P.
Cyclophosphazenes containing acetyl salicylic (aspirin) substituents 9535
- Farag A. M.** Dawood K. M. and
Kandeel Z. E.
Synthesis and reactivity of 3-(benzothiazol-2-yl)-3-oxopropenenitrile 7893
- Fargeas V.** Le Ménez P.
Berque I. Ardisson J. and
Pancrazi A.
Studies in cuprate rearrangement and stannylcupration: application to the stereo- and enantiospecific synthesis of a stannyldiene $C_{10}-C_{15}$ fragment of des-epoxy-rosaramycin 6613
- Farina A.** see Citterio A. 13227
- Fariña F.** see Alguacil R. 3457
- Farnia G.** see Prato M. 5221
- Fastrez J.** see Marchand-Brynaert J. 5591
- Fattorusso E.** see Cafieri F. 13713
- Fattorusso E.** see Ciminiello P. 9863
- Fattorusso E.** see Costantino V. 1573
- Faulkner D. J.** see Graziani E. I. 6869
- Faulkner D. J.** see Williams D. H. 4245
- Faulkner D. J.** see Williams D. H. 5381
- Faure R.** see Meille V. 3953
- Faust R.** see Timmerman P. 4925
- Fava A.** see Cerè V. 5989
- Fawcett J.** see Tyrrell E. 9841
- Fayet J.** see Martínez-Merino V. 8947
- Fayet J.-P.** see Cornago P. 11075
- Fazio M. C.** see Doddi G. 3509
- Fegley G. J.** see Williams R. M. 1149
- Felix D.** see Szymoniak J. 4377
- Fenet B.** see Cherkaoui O. 9499
- Fenical W.** see Montanari A. M. 5371
- Fenical W.** see Roussis V. 2735
- Fensterbank L.** Dhimane A.-L.
Wu S. Lacôte E. Bogen S. and Malacria M.
Variations on radical cascades of vinyl radicals generated from bromomethylidemethylsilyl propargyl ethers 11405
- Fenton D. E.** and
Papageorgiou G.
Synthesis of unsymmetrical dinucleating ligands bearing nitrogen and oxygen donor atoms 5913
- Feraud M.** see Monti H. 6685
- Ferguson C. G.** Money T.
Pontillo J. Whitelaw P. D. M. and Wong M. K. C.
A remarkable multiple rearrangement process in the bromination of *endo*-3-bromo-4-methylcamphor: intermediates for triterpenoid synthesis 14661
- Feringa B. L.** see Rispens M. T. 3521
- Fernández A. H.** see Martínez A. G. 7973
- Fernández I.** Pedro J. R. and de la Salud R.
Aerobic catalytic epoxidation of unfunctionalized olefins using a new (salen)manganese(III) complex bearing a sesquiterpene salicylaldehyde derivative 12031
- Fernández R.** see Lassaletta J.-M. 9143
- Fernández-Castaño C.** see Cornago P. 11075
- Fernández-Castaño C.** see Molina P. 9629
- Fernández-Castaño C.** see Sánchez-Migallón A. 10811
- Fernández-Checa J. C.** see Rodríguez R. 7727
- Fernández-Granda R.** see Alvarez-Ibarra C. 11929
- Fernández-Mateos A.**
Pascual Coca G.
Rubio González R. and
Tapia Hernández C.
Model insect antifeedants. Synthesis of azadiradione fragments through acyl radicals cyclizations and stannane coupling reactions 4817
- Fernández-Monreal M. C.** see Alvarez-Ibarra C. 11239
- Ferreira D.** see Saunders C. M. 6003
- Ferreira D.** see van Heerden P. S. 12313
- Ferreira J. A.** see Barton D. H. R. 9347
- Ferreira J. A.** see Barton D. H. R. 9367
- Ferri D. C.** see Khim S.-K. 3195
- Fetter J.** see Le Thành Giang 10169
- Fetter J.** see Sápi A. 771
- Fiandanese V.** see Babudri F. 13513
- Fiandanese V.** see Caló V. 10799
- Fiandanese V.** see Caló V. 2155
- Filippone P.** see Attanasi O. A. 1579
- Fillion H.** see Cherkaoui O. 9499
- Fiorentino A.** see DellaGreca M. 13981
- Fiorini I.** see Garofalo A. 7745
- Fiorucci C.** see Attanasi O. A. 1579
- Firestone R. A.**
Volume of concert and heavy atom effects in Diels-Alder reaction mechanisms 14459
- Firouzabadi H.** and Shiriny F.
New applications of tungsten hexachloride (WCl_6) in organic synthesis. Halo-de-hydroxylation and dihalo-de-oxo-bisubstitution reactions 14929
- Fleet G. W. J.** see Brandstetter T. W. 10711
- Fleet G. W. J.** see Brandstetter T. W. 10721
- Foces-Foces C.** see Cornago P. 11075

- Foces-Foces C.** see Molina P. 13671
- Foces-Foces C.** see Molina P. 9629
- Foces-Foces C.** see Sánchez-Migallón A. 10811
- Fochi M.** see Bonini B. F. 4803
- Fogagnolo M.** see Fantin G. 3547
- Fogagnolo M.** see Fantin G. 9535
- Fogagnolo M.** see Giovannini P. P. 1669
- Fogassy E.** see Nemák K. 1637
- Fogliato G.** see Fronza G. 14281
- Fokin A. A. Gunchenko P. A. Kulik N. I. Iksanova S. V. Krasutsky P. A. Gogman I. V. and Yurchenko A. G.** NO_2 -Containing reagents in the electrophilic and oxidative addition to propellanic C-C bond 5857
- Folcic F.** see Broggini G. 11849
- Font J.** see Alibés R. 1267
- Font J.** see Alibés R. 1279
- Font-Bardia M.** see Camps P. 5867
- Font-Bardia M.** see Forns P. 3563
- Fontana G.** see Barton D. H. R. 11163
- Fontana G.** see Barton D. H. R. 2705
- Fontana S. A. Davis C. R. He Y.-B. and Burton D. J.** The stereoselective preparation of *cis* and *trans*-1,2-difluoroethylene synthons 37
- Foote C. S.** see An Y.-Z. 5179
- Forbes I. T.** see Davison E. C. 11601
- Forconi P.** see Ballini R. 1677
- Foresti E.** see Attanasi O. A. 1579
- Fornés V. García H. Miranda M. A. Mojarrad F. Sabater M.-J. and Suliman N. N. E.** Zeolite-based heterogeneous photosensitizers containing triphenylpyrylium and dibenzotropylium cations. Modifications of the product selectivity in the cyclodimerization of 1,3-cyclohexadiene 7755
- Forns P. Diez A. Rubiralta M. Solans X. and Font-Bardia M.** Synthetic applications of 2-(1,3-dithian-2-yl)indoles—VI. Synthesis of 20-epidasyarpidone 3563
- Forshaw J. A.** see Bowman W. R. 3961
- Fort Y.** see Kuehm-Caubère C. 9087
- Foti F.** see Risitano F. 1443
- Foubelo F.** see Almena J. 8545
- Foulard G. Brigaud T. and Portella C.** Sequential radical perfluoroalkylation-nucleophilic cyclization. Synthesis of 2-perfluoroalkylenemethyl and 2-perfluoropalkylmethyl-1,4-dioxanes from 1-O-allyl-1,2-diols 6187
- Fowler F. W.** see Liao R.-F. 3153
- Fox R.** see Patel M. K. 1835
- Fox T.** see Linkert F. 955
- Fraga B. M. González P. Guillermo R. and Hernández M. G.** A study of the microbiological reduction of α,β -unsaturated carbonyl *ent*-kaurenes by *Gibberella fujikuroi* 13767
- Fraile J. M. Mayoral J. A. Royo A. J. Salvador R. V. Altava B. Luis S. V. and Burguete M. I.** Supported chiral amino alcohols and diols functionalized with aluminium and titanium as catalysts of Diels-Alder reaction 9853
- Frame A. S. Wightman R. H. and Mackenzie G.** Synthesis of 5-amino-4-sulfonamidoimidazole nucleosides as potential inhibitors of purine nucleotide biosynthesis, and of an imidazothiadiazine dioxide analogue of adenosine 9219
- Franck A.** see Jones R. A. 8707
- Francke W.** see Schröder F. 13539
- François G.** see Bringmann G. 13409
- François G.** see Bringmann G. 13419
- Franke S.** see Schröder F. 13539
- Franssen M. C. R.** see Piet D. P. 11273
- Franz A. Eschler P.-Y. Tharin M. and Neier R.** The preparation and the cascade reactions of *N*-butadienyl-*N*-alkylketene *N*,*O*-*tert*-butyldimethylsilyl acetals 11643
- Fraser-Reid B.** see Rodebaugh R. 7663
- Fratini P.** see Capozzi G. 12233
- Fratini P.** see Capozzi G. 12247
- Freccero M.** see Mella M. 5533
- Freccero M.** see Mella M. 5549
- Fredenhagen A. and Peter H. H.** New stereoselective Beckmann-type rearrangement leading to ring contraction 1235
- Frederickson M.** see Adams H. 8565
- Frederickson M.** see Brettle R. 10547
- Freeman F. Kim J. D. Lee M. Y. and Wang X.** Rearrangement of bis(2,4,6-trimethylphenyl)methanoyl]bicyclo[2.2.1]hept-5-enes to 2-oxabicyclo[3.3.0]octa-3,7-dienes 5699
- Freeman P. K. Jang J. and Haugen C. M.** The photochemistry of polyhaloarenes—XIII. The photohydrodehalogenation of 3,4-dibromobiphenyl 8397
- Freeman S.** see Briggs A. D. 14937
- Friedrichsen W.** see Klenke B. 743
- Friedrichsen W.** see Laackmann P. 5475
- Fringuelli F.** see Cipiciani A. 9869
- Fritzemeier K.-H.** see Cleve A. 1529
- Fröhlich R.** see Klötgen S. 14801
- Fronza G. Fogliato G. Fuganti C. Grasselli P. and Rigoni R.** Synthesis of (*S*) 2-ethyl-2-methylpentanoic acid from the formate ester of (*S*) ethyl 2-formyl-3-hydroxy-2-methylpropionate 14281
- Fronza G. Fuganti C. Mendoza M. Rallo R. S. Ottolina G. and Joulain D.** Stereochemistry of the double bond saturation in the formation in baker's yeast of 4-(4-hydroxyphenyl)-2-butanone (raspberry ketone) 4041
- Frost C.** see Bauta W. E. 14081
- Fruchier A.** see Cristau H. J. 2005
- Fuentes J.** see García Fernández J. M. 12947
- Fuentes J.** see Robina I. 10771
- Fuganti C.** see Fronza G. 14281
- Fuganti C.** see Fronza G. 4041
- Fuhrmann P.** see Schulze B. 783
- Fujihara H. Mima H. and Furukawa N.** New cyclic dichalcogenonio-selenuranes induced by transannular multichalcogenides participation 10375
- Fujihara H. Mima H. and Furukawa N.** Preparation and structure of new diazaselenuranes. Transannular hypervalent bond between seleno and diamino groups 13951
- Fujii N.** see Ibuka T. 11739
- Fujikawa A.** see Barrett D. 8471

- Fujimoto K.** **Tokuda Y.**
Maekawa H. **Matsubara Y.**
Mizuno T. and **Nishiguchi I.**
 Selective and one-pot
 formation of phenols by
 anodic oxidation 3889
- Fujita M.** see Okada M. 8135
- Fujita Y.** **Otera J.** and
Fukuzumi S.
 Diastereoselective
 Mukaiyama–Michael reaction
 of *O,S*-ketene silyl acetal
 9419
- Fujita Y.** see Otera J. 9409
- Fujiwara K.** see Oka T. 12091
- Fujiwara S.** see Maeda H.
 12165
- Fukase K.** **Kinoshita I.**
Kanoh T. **Nakai Y.**
Hasuoka A. and
Kusumoto S.
 A novel method for
 stereoselective glycosidation
 with thioglycosides: promotion
 by hypervalent iodine
 reagents prepared from PhIO
 and various acids 3897
- Fukazawa Y.** **Yang Y.**
Hayashibara T. and **Usui S.**
 Shielding effect of carbonyl
 group and its application to
 the conformational analysis of
 1,1,10,10-tetra-
 methyl[3,3]metacyclophe-
 ne-2,11-dione 2847
- Fukazawa Y.** **Yoshimura K.**
Sasaki S. **Yamazaki M.** and
Okajima T.
 Conformational isomers of the
 trimethyl ethers of
 monodeoxycalix[4]arenes
 2301
- Fukazawa Y.** see Yang Y. 2325
- Fukuchi I.** see Kashima C.
 10335
- Fukuda H.** **Tetsu M.** and
Kitazume T.
 Synthesis of chiral
 difluorinated [6]-gingerol 157
- Fukuhara T.** see Yoneda N. 23
- Fukui T.** see Yamada M. 5751
- Fukumoto K.** see Nemoto H.
 10363
- Fukumoto K.** see Nemoto H.
 13339
- Fukumoto K.** see Toyota M.
 10347
- Fukunishi K.** see Miki S. 4269
- Fukuzawa S.** **Furuya H.** and
Tsuchimoto T.
 Alkylation–annulation of halo
 esters with organometallic
 reagent/Sml₂ couple leading
 to cycloalkanols: a facile
 cyclopropanol synthesis from
 a 3-halo ester 1953
- Fukuzumi S.** see Fujita Y. 9419
- Fukuzumi S.** see Otera J. 9409
- Funaki I.** **Bell R. P. L.** **Thijs L.**
and Zwanenburg B.
 Synthesis of functionalized
 cyclopropanes by MIRC
- reactions of aziridinyl-
 methylenemalonates 12253
- Funaki I.** **Thijs L.** and
Zwanenburg B.
 Synthesis of 3-
 aminopyrrolidin-2-ones by an
 intramolecular reaction of
 aziridinecarboxamides 9909
- Funakoshi Y.** see Tanaka T.
 4257
- Funasaka H.** see Akasaka T.
 5015
- Funasaka H.** see Suzuki T.
 4973
- Funke F.** see Henniges H.
 11545
- Furman B.** **Kałuza Z.** and
Chmielewski M.
 Stereochemical course of [2 +
 2]cycloaddition of
 chlorosulfonyl isocyanate to
cis and *trans* 3-*O*-but-1'-enyl-
 1,2-O-isopropylidene- α -D-
 xylofuranose 6019
- Fürstner A.** **Ernst A.** **Krause H.** and **Ptock A.**
 Low-valent titanium induced
 indole formation: syntheses of
 secofascaplysin, indolopyrid-
 ocoline and an endothelin
 receptor antagonist 7329
- Fürstner A.** and **Konetzki I.**
 Synthesis of 2-hydroxy-6-
 {[(16*R*)- β -D-mannopyranosyloxy]heptadecyl}-benzoic
 acid, a fungal metabolite with
 GABA_A ion channel receptor
 inhibiting properties 15071
- Furstoss R.** see Pedragosa-
 Moreau S. 4593
- Furukawa N.** see Fujihara H.
 10375
- Furukawa N.** see Fujihara H.
 13951
- Furuta H.** see Tori M. 9999
- Furuya H.** see Fukuzawa S.
 1953
- Fusetani N.** see Anan H. 10849
- Fusetani N.** see Hirota H. 2359
- Fusetani N.** see Okino T. 9447
- Fusetani N.** see Tsukamoto S.
 8181
- Fushiya S.** **Matsuda M.**
Yamada S. and **Nozoe S.**
 New opine type amino acids
 from a poisonous mushroom,
Clitocybe acromelalgia 877
- Fuss A.** see Muchall H. M.
 1965
- Gadepalli M.** see Sitachitta N.
 8073
- Gadissa F.** see Schulz M.
 13151
- Gaillard P.** see Stuerga D.
 5505
- Gakh A. A.** see Kislyi V. P.
 10841
- Galaup C.** see Cathala B. 9793
- Galeazzi R.** **Mobbili G.** and
Orena M.
 A convenient approach to
 diastereomerically pure 1,3,4-
- trisubstituted pyrrolidin-2-ones
 by intramolecular cyclisation
 of *N*-(2-alken-1-yl)amides
 mediated by Mn(III). An entry
 to both (*R*)- and (*S*)-3-
 pyrrolidineacetic acid 1069
- Galindo A.** see Afonso M. M.
 11827
- Galindo A.** see Mujica M. T.
 2167
- Galindo N.** see Chinchilla R.
 1035
- Gallagher B. M.** see Pearson
 W. H. 12039
- Gallegos R.** see Williams R. M.
 1149
- Galletti F.** see Clerici F. 7183
- Gallo M. A.** see Campos J.
 8907
- Gálvez J. A.** see Cativiela C.
 9563
- Gálvez N.** **Moreno-Mañas M.**
Sebastián R. M. and
Vallirivera A.
 Dimethoxyethane as an
 alternative solvent for Schmidt
 reactions. Preparation of
 homochiral *N*-(5-oxazolyl)oxa-
 zolidinones from *N*-
 acetoacetyl derivatives of
 oxazolidinones 1609
- Gamba Invernizzi A.** see
 Bisi Castellani C. 11045
- Gamba Invernizzi A.** see
 Corsaro A. 6421
- Ganem B.** see Nichols J. 3355
- Ganesh K. N.** see Gangamani
 B. P. 15017
- Gangamani B. P.** **Kumar V. A.**
 and **Ganesh K. N.**
 Synthesis of N^{α} -(purinyl/py-
 rimidinyl acetyl)-4-
 aminoproline diastereomers
 with potential use in PNA
 synthesis 15017
- Ganzerli S.** see Tait A. 12587
- Gao Q.** and **Parker W. L.**
 The 'hydrophobic collapse'
 conformation of paclitaxel
 (Taxol®) has been observed
 in a non-aqueous
 environment: crystal structure
 of 10-deacetyl-7-epitaxol
 2291
- Garau S.** see Desimoni G. 6241
- Garbay-Jaureguiberry C.** see
 Baczkó K. 2021
- Garbay-Jaureguiberry C.** see
 Liu W.-Q. 4411
- García A.** **Castedo L.** and
Domínguez D.
 Revision of the structures of
 linaresine and
 dihydrolinaresine 5929
- García B.** see Blay G. 10507
- García B.** see Blay G. 8611
- García C. L.** see Blay G. 10507
- García E.** see Beyer L. 6233
- García H.** see Fornés V. 7755
- García J. I.** see Cativiela C.
 9563
- García J. I.** see Martínez-Merino
 V. 8947

- García J.** see Palacios F. 9609
García-Echeverría C. and Häner R.
 A convenient method for the preparation of oligonucleotide 5'-phosphates 3933
García-Granda S. see Alcalde E. 15189
García-Granda S. see García-Valverde M. 10761
García-López M^a T. see Martín-Martínez M. 13991
García-Navío J. L. see Valenciano J. 11349
García-Ruiz C. see Rodríguez R. 7727
García-Valverde M.
 Pedrosa R. Vicente M.
García-Granda S. and Gutiérrez-Rodríguez A.
 A diastereoselective approach to enantiopure 3-substituted pyrrolidines from masked lithium homoenolates derived from norephedrine 10761
García Fernández J. M.
 Ortiz Mellet C.
 Díaz Pérez V. M.
 Jiménez Blanco J. L. and Fuentes J.
 Conformational energetics of sugar thioureas and synthesis of glycosyl thioureido sugars 4947
García Martínez A.
 Osio Barcina J. and Teso Vilar E.
 About the participation of σ , π and n orbitals in the solvolysis of 2- and 3-oxo-1-norbornyl triflates 14041
García Navío J. L. see de las Heras M. A. 14297
García Ruano J. L. Tito A. and Culebras R.
 Stereoselective addition of organometallic reagents to β -hydroxyketones 2177
Gardini F. see Fantin G. 3547
Gardossi L. see Ebert C. 4867
Garg N. Gogoll A.
 Westerlund C. Sundell S.
 Karlén A. and Hallberg A.
 Preparation of *cis*-5-methoxy- and -7-methoxy-1-acetoxy-1,2,3,4,4a,10a-hexahydro-9(10H)-phenanthrenone. An epoxide–arene reaction involving a selective 1,2-alkyl shift rearrangement 15209
Garín J. Orduna J. Savirón M. Bryce M. R. Moore A. J. and Morisson V.
 Synthesis and characterization of functionalized ethylenedisielenotetrathiafulvalenes: a comparative study with their all-sulfur analogues 11063
Garofalo A. Campiani G. Ciani S. M. Fiorini I. and Nacci V.
 Polycondensed hetero-
 cycles—IX. Pyrrolo[2,1-*c*][1,4]benzothiazepines. Synthesis of 3-(dimethylamino)methyl derivatives 7745
Garson M. J. see Charan R. D. 9111
Garzon-Aburbeh A. see Donati D. 9901
Gasch C. see Lassaletta J.-M. 9143
Gaset A. see Abribat B. 8245
Gatti R. G. P. see Nilsson Y. I. M. 7511
Gaudemer A. see Perrée-Fauvet M. 13569
Gaudemer A. see Verchère-Béaur C. 13589
Gauzy L. see Meffre P. 11215
Gavagnin M. see Ciavatta M. L. 12831
Gaviña P. López Lavernia N. Mestres R. and Miranda M. A.
 Deacetalization by photoinduced electron transfer with a pyrylium salt: effect of limiting the amounts of water, oxygen and sensitizer 4911
Gawronska K. see Gawronski J. 13201
Gawronski J. Kazmierczak F.
 Gawronska K.
 Skowronek P. Waluk J. and Marczyk J.
 Exciton coupling in various substituted aryl-phthalimide bichromophoric systems 13201
Gazzard L. see Caddick S. 149
Geatti P. see Giumanini A. G. 7137
Gebauer M. G. see Crisp G. T. 12465
Gee K. R. see Noland W. E. 4555
Gelan J. see Paulussen H. 11867
Gelin J. see Moyroud J. 8525
Gelling O. J. see Rispens M. T. 3521
Gelo-Pujic M. see Guibé-Jampel E. 4397
Gentil E. see Descotes G. 10903
George M. V. see Das S. 3425
Gero S. D. see Barton D. H. R. 8233
Gerrard J. A. see Coulter C. V. 7127
Gerrard M. E. see Al Dulayymi A. R. 3409
Gharagozloo P. Miyauchi M. and Birdsall N. J. M.
 3-Tetrahydropyridinyl)indoles 10185
Ghigo G. Tonachini G. and Venturello P.
Ab initio theoretical investigation on the reactivity as bases of mixed LiMe/KOMe complexes. A model for Schlosser LICKOR superbase 7053
Ghosez L. see Gouverneur V. 7585
Ghosh K. see Goswami S. 12223
Ghosh M. and Miller M. J.
 Synthesis of a bicyclic oxamazin. A novel heteroatom activated β -lactam 4225
Ghoshal N. see Patra R. 11265
Giacobbe R. A. see Lam Y. K. T. 1481
Giacometti C. see Prato M. 5221
Giannis A. see Schick A. 2945
Gibbs A. R. see Hodgson D. M. 14361
Gibert M. see Lluch A.-M. 3973
Gibson C. L. see Dunn C. 13017
Gil M. J. see Martínez-Merino V. 8947
Gil S. see Domingo L. R. 11105
Gilbert J. C. and Kirschner S.
 Pericyclic reactions of cyclobutyne: an exception to orbital symmetry considerations 2279
Giles M. see Magnus P. 14147
Gill D. M. Pegg N. A. and Rayner C. M.
 Lewis acid induced rearrangement of 2,3-epoxy sulfides; regiospecific trapping of thiiiranium ion intermediates with nitrogen heterocycles and amides. Use of imines as nucleophilic equivalents for the selective monoalkylation of primary amines 3609
Gilloir F. see Le Bideau F. 7487
Gilmore J. see Ward R. S. 12799
Gimi R. H. see Ojima I. 209
Ginwalla A. S. see Balch A. L. 5021
Giolitti A. see Pasqui F. 185
Giordano F. see Caputo R. 11857
Giorgini E. see Bruni P. 6795
Giovagnoli D. see Attanasio O. A. 1579
Giovannini P. P. Hanau S. Rippa M. Bortolini O.
Fogagnolo M. and Medici A.
Bacillus stearothermophilus alcohol dehydrogenase: a new catalyst to obtain enantiomerically pure bicyclic octen- and hepten-ols and -ones 1669
Giovannini P. P. see Fantin G. 3547
Giovenzana G. B. see Cravotto G. 13007
Giralt E. see Alemán C. 8275
Girreser U. see Maercker A. 6149
Gisbert M. see Alcalde E. 15171

- Gisbert M.** see Alcalde E. 15189
Gisbert M. see Alcalde E. 15197
Giumanini A. G. Verardo G.
Geatti P. and Strazzolini P.
 Aprotic diazotization in the presence of cuprous cyanide 7137
Giusti M. see Bisi Castellani C. 11045
Gleiter R. and Ritter J.
 The palladium mediated conversion of 1,6-diazacyclodeca-3,8-diyne to 3,3'-bispyrroles. An unexpected reorganization of an alkyne π -system 10383
Gleria M. see Fantin G. 9535
Glinka T. see Makosza M. 3189
Glitsch H. G. see Staroske T. 12723
Goering B. K. see Nichols J. 3355
Gogoll A. see Garg N. 15209
Gogoman I. V. see Fokin A. A. 5857
Goj O. Kotila S. and Haufe G.
 Convenient routes to 2-aryl-2-fluoropropionic acids: synthesis of monofluorinated analogues of (\pm)-ibuprofen, (\pm)-naproxen and related compounds 12761
Golebiowski A. see Schoffers E. 3769
Golsch D. see Adam W. 2377
Golsch D. see Voigt B. 10653
Golubev A. S. Sewald N. and Burger K.
 Synthesis of γ -oxo α -amino acids from L-aspartic acid 14757
Gómez C. see Huerta F. F. 13243
Gómez C. see Huerta F. F. 8333
Gómez J. A. see Campos J. 8907
Gómez-Escalontilla M. J. see Díaz-Ortiz A. 9237
Gómez-Sal P. see Valenciano J. 11349
Gomez Paloma L. see D'Auria M. V. 9589
Gömöry Á. see Le Thanh Giang 10169
Gompper R. Walther P.
Bräuchle C. and Stadler S.
 Chemistry and nonlinear optical properties of new 2H-benzotriazole derivatives 14607
González A. G.
Alvarenga N. L.
Estévez-Braun A.
Ravelo A. G. Bazzocchi I. L. and Moujir L.
 Structure and absolute configuration of triterpene dimers from *Maytenus scutoides* 9597
González A. G.
Alvarenga N. L.
Estévez-Braun A.
Ravelo A. G. and
Estévez-Reyes R.
 Oxidation of natural targets by dimethyl dioxirane: regio and stereospecific reactions on enol double bond of bioactive nor quinone methide triterpenes 10667
González A. see Martínez-Merino V. 8947
González P. see Fraga B. M. 13767
González-Muñiz R. see Martín-Martínez M. 13991
González-Nogal A. M. see Bahuelos L. A. 9193
Goobes R. Rudi A.
Kashman Y. Ilan M. and Loya Y.
 Three new glycolipids from a Red Sea sponge of the genus *Erylus* 7921
Goodall K. and Parsons A. F.
 A radical cyclisation approach to pyroglutamates 6739
Görbig D. see Camps P. 5867
Gordon A. R. see Donkervoort J. G. 7391
Goré J. see Cavicchioli M. 11463
Goré J. see Compain P. 10405
Goré J. see Compain P. 6647
Goré J. see Surivet J.-P. 14877
Gore J. see Vicart N. 9101
Gorricon L. see Baltas M. 14865
Gorricon L. see Nacro K. 9047
Gosney I. see Banks M. R. 4079
Goswami S. Ghosh K. and Dasgupta S.
 Molecular recognition: connection and disconnection of hydrogen bonds, a case study with dimeric and highly associated monocarboxylic acids with simple receptors 12223
Goti A.
 Synthesis and cycloaddition reactions of *N*-methylcyclobutylideneamine *N*-oxide 9187
Goto H. see Nagashima H. 5053
Goto K. see Kaga H. 8451
Goto M. see Takeuchi M. 12931
Gotoh M. Sun B., Hirayama K. and Noguchi M.
 Intramolecular 1,3-dipolar cycloaddition at the periphery of heterocyclic systems—I. A mechanistic proposal for the facile oxime–nitrone isomerization at the periphery of pyridine and pyrido[1,2-a]pyrimidine systems 887
Gotoh Y. see Ying W. 15
Götz R. see Bringmann G. 13419
Gouti N. see Locke A. J. 1461
Gouverneur V. and Ghosez L.
 Electrophilic amination of 2-azadienes 7585
Goux C. Sigismondi S.
Sinou D. Pérez M.
Moreno-Mañas M.
Pleixats R. and Villarroya M.
 Palladium(0)-catalysed allylation of uracils and thiouracils. Influence of the solvent on the regioselectivity of the allylation 9521
Grandclaudon P. see Couture A. 4433
Gras J.-L. see Dulphy H. 8517
Grasselli P. see Fronza G. 14281
Grassi G. see Risitano F. 1443
Graziani E. I. Andersen R. J.
Krug P. J. and
Faulkner D. J.
 Stable isotope incorporation evidence for the *de novo* biosynthesis of terpenoic acid glycerides by *dordid nudibranchs* 6869
Greci L. see Bruni P. 6795
Greci L. see Carloni P. 11257
Grée R. L. see Benvegnù T. J. 11811
Grée R. L. see Benvegnù T. J. 11821
Green D. Elgendi S. Patel G.
Baban J. A. Skordalakes E.
Husman W. Kakkar V. V.
and Deadman J.
 The facile synthesis of *O,O*-dialkyl α -halobenzyl-phosphonates from *O,O*-dialkyl α -hydroxybenzyl-phosphonates 10215
Greenberg M. M. see McMinn D. L. 3827
Greenhall M. P. see Chambers R. D. 1
Gregori A. see Alibés R. 1267
Grela K. see Makosza M. 9575
Gretzer B. see Staroske T. 12723
Griengi H. see Schmidt M. 7833
Grierson D. S. see Janin Y. L. 15157
Grierson D. S. see Perez C. 987
Griesbaum K. Hilß M. and Bosch J.
 Ozonides of mono-, bi- and tricyclic terpenes 14813
Grigg R. Loganathan V.
Sridharan V. Stevenson P.
Sukirthalingam S. and
Worakun T.
 Palladium catalysed tandem cyclisation–anion capture processes—II. Cyclisation onto alkynes or allenes with hydride capture 11479
Grigg R. and Sansano J. M.
 Sequential hydro-

- stannylation–cyclisation of δ - and ω -allenyl aryl halides. Cyclisation at the proximal carbon 13441
- Grigg R.** see Dondas H. A. 13455
- Grimbergen R. P. F.** see Schurman R. J. W. 8307
- Grissom J. W.**
- Gunawardena G. U.**
 - Klingberg D. and Huang D.** The chemistry of enediynes, enyne allenes and related compounds 6453
 - Gronowitz S.** see Wensbo D. 14975
 - Gronwald O.** see Boße F. 9485
 - Gros P. Hansen P. and Caubère P.** Aggregative activation and carbaniion chemistry: complex base deprotonation and directed functionalisation of dithioacetals 15147
 - Grosu I. Mager S. Plé G. and Mesaros E.** Synthesis and stereochemistry of some dispiro-1,3-dioxanes with axial and helical chirality 12783
 - Grosz A. L.** see Ye M. 6249
 - Gruter G.-J. M.**
 - Akkerman O. S. and Bickelhaupt F.** The formation of catenanes. The Möbius strip approach revisited 2565 - Guanti G. and Narisano E.** Exploitation of highly functionalized epoxides derived from asymmetric tris(hydroxymethyl)methane (THYM*) in the synthesis of a fragment of lasalocide A and other related polyether ionophore antibiotics 12631
 - Guanti G.** see Banfi L. 13493
 - Guarneri M.** see Vicentini C. B. 7179
 - Guerig U.** see Belser P. 2937
 - Guerreiro M. C.** see Shul'pin G. B. 13051
 - Guerrero A.** see D'Ambrosio M. 8899
 - Gueugnot S. Alami M. Linstrumelle G. Mambu L. Petit Y. and Larchevêque M.** An efficient total synthesis of 5-(S)-HETE 6635
 - Gügel A. Belik P. Walter M. Kraus A. Harth E. Wagner M. Spickermann J. and Müllen K.** The repetitive Diels–Alder reaction: a new approach to [60]fullerene main-chain polymers 5007
 - Guibé-Jampel E. Chalecki Z. Bassir M. and Gelo-Pujic M.** Lipase catalyzed resolution of chiral acids or alcohols using mixed carboxylic–carbonic anhydrides 4397
 - Guidi A.** see Pasqui F. 185
 - Guijarro A. Mancheño B. Ortiz J. and Yus M.** Lithiomethyl ethyl ether from chloromethyl ethyl ether via a DTBB-catalysed lithiation 1643
 - Guijarro A. and Yus M.** Polychlorinated materials as a source of polyanionic synthons 1797
 - Guillermo R.** see Fraga B. M. 13767
 - Gulea-Purcărescu M. About-Jaudet E. Collignon N. Saquet M. and Masson S.** Sigmatropic [2,3]-Wittig rearrangement of α -allylic-heterosubstituted methylphosphonates—II. Rearrangement in the nitrogen series 2075
 - Gumina G.** see Chiacchio U. 8889
 - Gunasekera S.** see Mattern R.-H. 3767
 - Gunawardena G. U.** see Grissom J. W. 6453
 - Gunchenko P. A.** see Fokin A. A. 5857
 - Gundersen L.-L.** see Andresen G. 12979
 - Gundersen L.-L.** see Langli G. 5625
 - Gung B. W.** Diastereofacial selection in nucleophilic additions to unsymmetrically substituted trigonal carbons 5263
 - Günterová J.** see Belohradský M. 11013
 - Guo Y. Madaio A. Trivellone E. Scognamiglio G. and Cimino G.** Structural and stereochemical studies of saraines: macrocyclic alkaloids of the sponge *Reniera sarai* 8341
 - Guo Y. Madaio A. Trivellone E. Scognamiglio G. and Cimino G.** Further studies of alkaloids from *Reniera sarai*: structures of saraine-3 and isosaraine-3; absolute stereochemistry of saraine-1 and saraine-2 14961
 - Guo Z.** see Schlosser M. 8257
 - Guo Z.-W. and Zamojski A.** Elaboration of the acyl ligand in complex (η^5 -C₅H₅)Fe(CO)(PPh₃)(COCH₂P_h) 12553
 - Gupton J. T. Petrich S. A. Smith L. L. Bruce M. A. Vu P. Du K. X. Dueno E. E. Jones C. R. and Sikorski J. A.** The application of vinyllogous iminium salts and related synthons to the regiocontrolled preparation of 2,3- and 2,5-disubstituted pyroles 6879
 - Gutiérrez-Rodríguez A.** see García-Valverde M. 10761
 - Györgydeák Z.** see Somsák L. 9121
 - Główka M. L.** see Howard S. T. 11379
 - Habicher T.** see Timmerman P. 4925
 - Haddon R. C.** see Keshavarz-K. M. 5149
 - Haddon R. C. and Raghavachari K.** Electronic structure of the fulleroids: homoconjugation in bridged C₆₀ derivatives 5207
 - Hadi A. H. A.** see Dumontet V. 6931
 - Hafner M.** see Märkl G. 1981
 - Haga M.** see Nagashima H. 5053
 - Haino T.** see Yang Y. 2325
 - Hajós G.** see Kotschy A. 1399
 - Halazy S. Ehrhard Á. Eggenspiller A. Berges-Gross V. and Danzin C.** Fluorophosphonate derivatives of N⁹-benzylguanine as potent, slow-binding multisubstrate analogue inhibitors of purine nucleoside phosphorylase 177
 - Hale K. J. Cai J. Delisser V. Manaviazar S. Peak S. A. Bhatia G. S. Collins T. C. and Jogiya N.** Enantioselective synthesis of (3*R*)- and (3*S*)-piperazic acids. The comparative unimportance of DMPU mediated retro-hydrazination 1047
 - Halik M.** see Schulz M. 13151
 - Hall K. P.** see Bowman W. R. 3961
 - Hallberg A.** see Garg N. 15209
 - Hamada Y. Yokokawa F. Kabeya M. Hatano K. Kurono Y. and Shioiri T.** An efficient synthesis of C₂₀–C₂₅ building blocks for calyculin A 8297
 - Hamann B. Namy J.-L. and Kagan H. B.** Preparation and reactions of samarium diiodide in nitriles 14225
 - Hamaue N.** see Takemoto Y. 14177
 - Hamelin J.** see Jolivet S. 5819
 - Hamor T. A.** see McKinnell D. 10159
 - Hamprecht D. Josten J. and Steglich W.** Optically active 2*H*-azepines: synthesis and rearrangement into their 3*H*-isomers 10883

- Hanaki N. Ishihara K.**
Kaino M. Naruse Y. and Yamamoto H.
Stereospecific annulation of hydroxy vinyl ethers. Synthetic application to poly-functionalized cyclic compounds 7297
- Hanaoka M.** see Mukai C. 6547
- Hanau S.** see Giovannini P. P. 1669
- Handel H.** see Oget N. 2995
- Häner R.** see García-Echeverría C. 3933
- Hanessian S. Conde J. J.**
Khai H. H. and Lou B.
The stereocontrolled synthesis of 1,2-*trans* hexopyranosyl nucleosides via a novel anomeric activation 10827
- Hanessian S.** see Bennani Y. L. 13837
- Hanessian S.** see Vatèle J.-M. 10557
- Hanhinen P.** see Lounasmaa M. 15225
- Hanhinen P.** see Lounasmaa M. 6803
- Hansen P.** see Gros P. 15147
- Hanson J. R.** see Collado I. G. 7961
- Haraguchi K. Tanaka H.**
Saito S. Kinoshima S.
Hosoe M. Kanmuri K.
Yamaguchi K. and Miyasaka T.
Uridine 5'-monoselenoacetals as substrates for diastereoselective homolytic C-C bond formation 9469
- Harano K.** see Eto M. 13909
- Harding M. M.** see Mackay J. P. 5617
- Harkins S. D.** see Al Dulayymi A. R. 3409
- Harling J. D.** see Batey R. A. 11421
- Harradine P. J. Peakman T. M. and Maxwell J. R.**
Triterpenoid chlorin esters: water column transformation products of chlorophyll a 13427
- Harrowven D. C. and Browne R.**
A triple umpolung sequence for the preparation of highly substituted indanes 14951
- Harrowven D. C. and Poon H. S.**
A Michaelis-initiated-condensation-elimination sequence for the stereoselective synthesis of maleate derivatives 1389
- Hart D. J. Merriman G. H. and Young D. G. J.**
Synthesis of C-aryl glycosides related to the chrysomycins 14437
- Hart D. J. and Mannino A.**
Synthesis of defucoglycocardin V isosteres via MAD-mediated conjugate addition of carbonions to naphthoquinone ketals 3841
- Harth E.** see Gügel A. 5007
- Hartmann M.** see Martin S. F. 3229
- Harusawa S.** see Yoneda R. 14563
- Harvey D. M.** see Parsons P. J. 11637
- Hasegawa T.** see Minato T. 8439
- Hashimoto K.** see Hashimoto M. 1931
- Hashimoto K.** see Matsumoto Y. 9387
- Hashimoto M. Hashimoto K. and Shirahama H.**
Acyclic analogs of kainoids: their syntheses and depolarizing activities 1931
- Hashimoto M.** see Nakajima N. 1177
- Hashimoto T.** see Yoshida T. 14487
- Hashmi S. M. A.** see Ali Sk. A. 14917
- Haslam E.** see Adams H. 8565
- Haslam E.** see Brettle R. 10547
- Hassaneen H. M.** see Elwan N. M. 3451
- Hasuoka A.** see Fukase K. 3897
- Hatano K.** see Hamada Y. 8297
- Haufe G.** see Goj O. 12761
- Haufe G.** see Sattler A. 5469
- Haug P.** see Praly J.-P. 9057
- Haugen C. M.** see Freeman P. K. 8397
- Haumann T.** see Heiner T. 12185
- Häusler T.** see Staroske T. 12723
- Hayashi M. Ono K.**
Hoshimi H. and Oguni N.
Asymmetric ring opening reactions of symmetrical *N*-acylaziridines with thiols catalyzed by chiral dialkyl tartrate-diethylzinc complexes 7817
- Hayashi T.** see Soloshonok V. A. 245
- Hayashibara T.** see Fukazawa Y. 2847
- Hayden M. R.** see Dussault P. H. 12381
- Hayes R.** see Binns F. 3631
- He Y.-B.** see Fontana S. A. 37
- Heaney H. and Papageorgiou G.**
The use of bis(aminol) ethers derived from aliphatic primary amines in the synthesis of secondary and tertiary amines 3473
- Hecker P.** see Enders D. 2909
- Hecquet L. Bolte J. and Demuynick C.**
Enzymatic synthesis of 'natural-labeled' 6-deoxy-L-sorbose precursor of an important food flavor 8223
- Heiner T. Kozhushkov S. I.**
Noltemeyer M. Haumann T. Boese R. and de Meijere A.
Intramolecular Diels-Alder reactions of furans with a merely strain-activated tetrasubstituted alkene: bicyclopropylidene 12185
- Heinrich N.** see Cleve A. 1529
- Held W. A.** see Herdeis C. 6409
- Helgorsky C. Saux A.**
Degueil-Castaing M. et Maillard B.
Etude de la thermolyse de peroxyacétals et peroxyacétals 8263
- Helmchen G.** see Peer M. 7547
- Helmchen G.** see Urban E. 971
- Hennig L.** see Kranz A. 14827
- Hennig L.** see Staroske T. 12723
- Henniges H. Meyer F. E.**
Schick U. Funke F.
Parsons P. J. and de Meijere A.
Palladium-catalysed oligocyclisations of 2-bromododeca-1,11-diene-6-yne 11545
- Henninger T. C. Sabat M. and Sundberg R. J.**
Stereodivergent routes from tyrosine to the 7-(*R*) and 7-(*S*) diastereomers of the 7-hydroxy-2,3,7,7*a*-tetrahydroindole ring found in gliotoxin 14403
- Henry C.** see Brook M. A. 861
- Hensens O. D.** see Lam Y. K. T. 1481
- Herald C. L.** see Kamano Y. 2369
- Herald D. L.** see Kamano Y. 2369
- Herault X. and Mc Nelis E.**
Ring expansions of 1-haloethynyl-2-methylcyclopentanols 10267
- Herbert J. M. Knight J. G. and Sexton B.**
Cleavage of MEM ethers by tetrahalozincate reagents 15257
- Herbst-Irmer R.** see Balch A. L. 5021
- Herdeis C. Held W. A.**
Kirfel A. and Schwabenländer F.
Diastereoselective synthesis of (*2S,5S*)- and (*2R,5S*)-5-hydroxyhomopipelic acid from *S*-glutamic acid. An entry to streptolitine stereoisomers 6409
- Herdeis C. and Schiffer T.**
Synthesis of chiral nonracemic homo-1-deoxyazasugars with D-talo- and L-allo-configuration via tandem Wittig [2 + 3] cycloaddition reaction 14745

- Herdewijn P. A.** see Hossain N. 5563
- Herdewijn P.** see Doboszewski B. 1479
- Herdewijn P.** see Doboszewski B. 1651
- Herdewijn P.** see Hossain N. 13655
- Herdewijn P.** see Lescrinier T. 6965
- Herdewijn P.** see Luyten I. 9249
- Hermecz I.** Kökösí J.
Podányi B. and Liko Z.
Nitrogen bridgehead
compounds—LXXXVII.
Synthesis of 3-azarutecarpine
(14-azanuclefine) and its 7-
methyl derivative 7789
- Herkens P. H. H.**
Ottenheijm H. C. J. and
Rees D.
Solid-phase organic reactions:
a review of the recent
literature 4527
- Hernández M. G.** see Fraga B. M. 13767
- Herpin T. F.** see Tozer M. J. 8619
- Herranz R.** see Martín-Martínez M. 13991
- Hervé S.** see Schmidt M. 7833
- Herzig Y.** see Vogel K. 3049
- Herzog A.** see Lamparth I. 5065
- Herzschuh R.** see Schroth W. 12677
- Hesse M.** see Ivancev W. 4363
- Hesse M.** see Schultz K. 14189
- Heumann A. and Réglier M.**
The stereochemistry of
palladium catalysed
cyclisation reactions—C.
Cascade reactions 9289
- Hibbs D. E.** see Locke A. J. 1461
- Hibbs D. E.** see Murphy P. J. 8315
- Hickman D. N. Hodgetts K. J.**
Mackman P. S.
Wallace T. W. and
Wardleworth J. M.
The preparation of substituted
3,4-dihydro-1(2H)-
naphthalenones from
benzocyclobutenones via
sequential thermal
electrocyclic reactions 2235
- Hiemstra H.** see Louwrier S. 2603
- Hiemstra H.** see Louwrier S. 2629
- Higson A. P. Scott G. K.**
Earnshaw D. J. Baxter A. D.
Taylor R. A. and Cosstick R.
Synthesis and structure of S-
nucleosidyl S-aryl disulfides
and their reaction with
phosphites 1027
- Higuchi H.** see Yamamoto G. 12409
- Higuchi R.** see Miyamoto T. 8187
- Hillegass K.** see Ye M. 6249
- Hill M.** see Griesbaum K. 14813
- Hino M.** see Kaga H. 8451
- Hino T.** see Torisawa Y. 10597
- Hirai N.** see Todoroki Y. 8081
- Hirai S.** see Mukai C. 6547
- Hiramatsu H.** see Takemoto Y. 14177
- Hirashita T.** see Araki S. 2803
- Hirayama K.** see Gotoh M. 887
- Hirota H.** Tomono Y. and
Fusetani N.
Terpenoids with antifouling
activity against barnacle
larvae from the marine
sponge *Acanthella cavernosa*
2359
- Hirota H.** see Okino T. 9447
- Hirota H.** see Tsukamoto S. 8181
- Hirota K.** Sajiki H. Kubo K.
Kido M. and Nakagawa K.
Stable thioaldehydes:
synthesis, structure
assignment and stability of 6-
amino-5-thioformyluracils
9971
- Hirs H. G. J.** see Neeft J. M. I. 11905
- Hirsch A.** see Lamparth I. 5065
- Hirsch K. A.** see Ye M. 6249
- Hirschfelder A.** see Tewes G. 5449
- Ho Z.** Ku M. Shu C. and Lin L.
p-Triallylcycl[4]arene: the final
member of the *p*-
allylcycl[4]arenes 13189
- Ho Z.** see Shu C. 9805
- Hodacová J.** see Belohradsky M. 11013
- Hodgetts K. J.** see Binns F. 3631
- Hodgetts K. J.** see Hickman D. N. 2235
- Hodgson D. M.** Gibbs A. R.
and Lee G. P.
Enantioselective
desymmetrisation of achiral
epoxides 14361
- Hodgson P. K. G.** see Banks M. R. 4079
- Hoffmann H. M. R.** Münnich I.
Nowitzki O. Stucke H. and
Williams D. J.
Samarium diiodide-mediated
pinacolization of 1,4-
diketones—I. Stereoselective
synthesis of fused mono-, bi-
and tricyclic cyclobutane-1,2-
diols 11783
- Hoffmann H. M. R.** see Nowitzki O. 11799
- Hoffmann R. W.** Stiasny H.-C.
and Krüger J.
Diastereoselective
bromine/lithium exchange
reactions of 3-alkoxy-1,1-
dibromo-alkanes 7421
- Hoffmann H.-J.** see Staroske T. 12723
- Holiday P.** see Barton D. H. R. 8233
- Hollingsworth R. I.** see Lee J. 3873
- Holmes A. B.** see Davison E. C. 11601
- Holmes D. L.** and
Lightner D. A.
Synthesis and acidity
constants of $^{13}\text{CO}_2\text{H}$ -labelled
dicarboxylic acids: $\text{p}K_a$ s from
 ^{13}C NMR 5319
- Holt E. M.** see Suwinski J. 14905
- Holt E. M.** see Suwinski J. 9541
- Holy P.** see Belohradsky M. 11013
- Holz J.** see Kless A. 14599
- Hombrecher H. K.** Ohm S. and
Koll D.
Synthesis of galactopyranosyl
substituted porphyrins 5441
- Honda K.** see Anan H. 10849
- Honda T.** Yamane S.
Ishikawa F. and Katoh M.
A concise enantiospecific
synthesis of (−)-invictolide
12177
- Honda T.** see Tsubuki M. 14515
- Hong P.-C.** see Chou T.-C. 6325
- Honma K.** see Tsuda M. 2319
- Honma T.** see Ohkubo M. 8099
- Hoogesteger F. J.**
Jenneskens L. W.
Kooijman H. Veldman N.
and Spek A. L.
Self-complementary hydrogen
bonding of 1,1'-bicyclo-
hexylidene-4,4'-dione dioxime.
Formation of a non-covalent
polymer 1773
- Hooglugt M.** see Spijker N. M. 5945
- Hooper J. N. A.** see Charan R. D. 9111
- Hoornaert G. J.** see Buysens K. J. 9161
- Hoornaert G. J.** see Carly P. R. 11889
- Hoornaert G. J.** see Dubois K. J. 12529
- Hoornaert G. J.** see Dubois K. J. 2591
- Hoornaert G. J.** see Dubois K. J. 6997
- Hoornaert G. J.** see Medaer B. P. 8813
- Hori K.** Inoue T. and
Tsukube H.
Theoretical study on crown
compounds as a building
block of the molecule with
function II. Density functional
approach to analyze Li^+
selectivity of aza-12-crown-4
with a functionalized arm 8199
- Horibe M.** see Kobayashi S. 7277
- Höring U.** see Csuk R. 9759
- Hörl W.** see Ugi I. 11657
- Horwell D. C.** see Burgaud B. G. M. 13035

- Hosaka T.** see Torisawa Y. 10597
- Hosangadi B. D.** see Thakur S. K. 8755
- Hoshimi H.** see Hayashi M. 7817
- Hoshino O.** see Murakata M. 14713
- Hosoe M.** see Haraguchi K. 9469
- Hosomi A.** see Kashima C. 10335
- Hosoyama H. Inubushi A. Katsui T. Shigemori H. and Kobayashi J.** Taxuspinos U, V, and W, new taxane and related diterpenoids from the Japanese yew *Taxus cuspidata* 13145
- Hosoyama H.** see Kobayashi J. 5391
- Hossain N. Blaton N. Peeters O. Rozenski J. and Herdewijn P. A.** Synthesis of homo-N-nucleosides, a series of C1' branched-chain nucleosides 5563
- Hossain N. Rozenski J. De Clercq E. and Herdewijn P.** Synthesis and antiviral activity of acyclic analogues of 1,5-anhydrohexitol nucleosides using Mitsunobu reaction 13655
- Hosztafi S.** see Marton J. 2449
- Houk K. N.** see Okuno T. 14723
- Howard J. A. K. Hoy V. J. O'Hagan D. and Smith G. T.** How good is fluorine as a hydrogen bond acceptor? 12613
- Howard J. A. K.** see Nieschalk J. 165
- Howard J. B.** see Pope C. J. 5161
- Howard S. T. Krygowski T. M. and Główka M. L.** The imbalanced Kekulé structure contributions in the ring in 1,3,5-trisubstituted benzene derivatives: low temperature X-ray study on 1,3,5-trimethoxybenzene, and *ab initio* calculations on 1,3,5-triformylobenzene and trimethoxybenzene and the related disubstituted systems 11379
- Hoy V. J.** see Howard J. A. K. 12613
- Hoyer W.** see Deseke E. 14577
- Hsin L.-W.** see Cheng C.-Y. 10935
- Hu B.** see Barton D. H. R. 10301
- Hu B.** see Barton D. H. R. 10313
- Hu S. Tian X. Zhu W. and Fang Q.**
- Microbial transformation of taxoids: selective deacetylation and hydroxylation of 2 α ,5 α ,10 β ,14 β -tetra-acetoxy-4(20),11-taxadiene by the fungus *Cunninghamella echinulata* 8739
- Huang D.** see Grissom J. W. 6453
- Huang W. Pei J. Chen B. Pei W. and Ye X.** A novel improved procedure for the synthesis of oxazoles 10131
- Huang X.** see Zhu L.-S. 9819
- Huang Y. Murray M. Metzger P. and Eglinton G.** Novel unsaturated triterpenoid hydrocarbons from sediments of Sacred Lake, Mt. Kenya, Kenya 6973
- Huang Y.-Z.** see Tang Y. 8747
- Huang Z.-Z.** see Zhu L.-S. 9819
- Huber E. W.** see McCarthy J. R. 45
- Hudson P. N.** see Bellamy A. J. 5639
- Huel C.** see Bisagni E. 10427
- Huerta F. F. Gómez C. and Yus M.** Ketallised 3,4-dihydroxybutyllithiums: new intermediates to transfer four-carbon diol functionality to electrophilic reagents 8333
- Huerta F. F. Gómez C. and Yus M.** DTBB-Catalysed lithiation of 4-functionalised 1-chloro-2-butenes 13243
- Huet F.** see Mévellec L. 15103
- Hulton R.** see Coldham I. 12541
- Hultin P. G.** see Keynes M. N. 8685
- Humelinicu I. V.** see Mangalagiu I. I. 8853
- Hursthouse M. B.** see Locke A. J. 1461
- Hursthouse M. B.** see Murphy P. J. 8315
- Husman W.** see Green D. 10215
- Hussain K. A.** see Chakraborty T. K. 4053
- Hussein K.** see Baltas M. 14865
- Husson H.-P.** see Micouin L. 7719
- Husson H.-P.** see Vergne F. 2421
- Hutchinson J.** see Chambers R. D. 1
- Hutton C. A.** see Easton C. J. 7025
- Hwang G. I. Chung J.-H. and Lee W. K.** An efficient synthesis of both enantiomers of cathinone by regioselective reductive ring opening of substituted aziridines 12111
- Hwu J. R.** see Chiang L. Y. 4963
- Hyvönen T.** see Khomutov A. R. 13751
- Iacussi M.** see Bruni P. 6795
- Iakovides P. and Smith K. M.** Syntheses of oxygen analogues of sulfhemes-A and -C 1123
- Ianaro A.** see Costantino V. 1573
- Iantorno E.** see Bartoli G. 9179
- Ibuka T. Nakai K. Akaji M. Tamamura H. Fujii N. and Yamamoto Y.** An aza-Payne rearrangement–epoxide ring opening reaction of 2-aziridinemethanols in a one-pot manner: a regio- and stereoselective synthetic route to diastereomerically pure N-protected 1,2-amino alcohols 11739
- Ichiba T. Scheuer P. J. and Kelly-Borges M.** Corrigendum 14079
- Ichihara K.** see Ishihara T. 255
- Iio H.** see Matsumoto Y. 9387
- Ikai K.** see Kurome T. 4327
- Ikawa M.** see Tori M. 9999
- Ikeda A.** see Lhoták P. 12399
- Ikeda H. Sato E. Sugai T. and Ohta H.** Yeast-mediated synthesis of optically active diols with C_2 symmetry and (*R*)-4-pentanolide 8113
- Ikeda H.** see Sugai T. 8123
- Ikeda M.** see Ishibashi H. 13867
- Ikeda S.** see Saito S. 13919
- Ikeda T.** see Araki S. 2803
- Iksanova S. V.** see Fokin A. A. 5857
- Ila H.** see Yadav K. M. 14049
- Ila H.** see Yadav K. M. 4679
- Ilan M.** see Goobes R. 7921
- Illgen K.** see Schulze B. 783
- Ilyas M. and Parveen M.** Biomimetic synthesis of some novel coumarin dimers 3991
- Imada T. Kijima H. Takeuchi M. and Shinkai S.** Selective binding of glucose-6-phosphate, 3,4-dihydroxyphenylalanine (DOPA) and their analogs with a boronic acid appended metalloporphyrin 2817
- Imai T.** see Ohkita M. 9979
- Imanishi T.** see Miyashita K. 12125
- Imbert T.** see Bertounesque E. 14235
- Inaba K.** see Tsuda M. 2319
- Inami K.** see Kurome T. 4327
- Ince J. Ross T. M. Shipman M. Slawin A. M. Z. and Ennis D. S.** Observations on the synthesis

- of functionalised methyleneaziridines 7037
- Ingold K. U.** see Avila D. V. 12351
- Inoue K.** see Morisaki N. 9017
- Inoue M.** see Kitahara T. 1487
- Inoue T.** see Hori K. 8199
- Inoue T.** see Kurome T. 4327
- Inoue Y.** see Soai K. 13355
- Inubushi A.** see Hosoyama H. 13145
- Iorizzi M.** De Marino S. Minale L. Zollo F. Le Bert V. and Roussakis C. Investigation of the polar steroids from an Antarctic starfish of the family *Echinasteridae*: isolation of twenty-seven polyhydroxy-steroids and steroidol oligoglycosides, structures and biological activities 10997
- Iseki K.** Oishi S. and Kobayashi Y. Reversal of stereoselectivity in the Evans aldol reaction of α,α -difluoro and α,α,α -trifluoro carbonyl compounds 71
- Ishibashi H.** Kodama K. Kameoka C. Kawanami H. and Ikeda M. Synthesis of 4-oxo-2-azetidineacetic acids by means of radical cyclization of *N*-vinylic α -bromo amides 13867
- Ishibashi M.** see Doi Y. 4573
- Ishida K.** Matsuda H. Murakami M. and Yamaguchi K. Kawaguchipeptin A, a novel cyclic undecapeptide from cyanobacterium *Microcystis aeruginosa* (NIES-88) 9025
- Ishihara T.** Shinozuka K. Nogami T. Kubota M. and Ohashi M. Synthesis and characterization of C_{60} derivatives possessing TEMPO radicals 5103
- Ishihara K.** see Hanaki N. 7297
- Ishihara T.** Ichihara K. and Yamanaka H. Stereoselective synthesis of 3-fluoro azetidinones via the condensation of 2-fluoropropanethioate lithium enolate with imines 255
- Ishikawa F.** see Honda T. 12177
- Ishimaru K.** Tsuru K. Yabuta K. Wada M. Yamamoto Y. and Akiba K. Stereoselective synthesis of 1,2-amino alcohols by addition of organocuprate-BF₃ complexes and organolithium reagents to an α -silyloxyaldimine derived from (S)-ethyl lactate 13137
- Iskra J.** see Zupan M. 11341
- Ismail M. A.** see Zoorob H. H. 10147
- Isobe M.** see Jiang Y. 2877
- Isobe M.** see Usami K. 12061
- Isono N.** see Sato H. 8143
- Israel G.** see Schroth W. 12677
- Ito J.** and Niwa M. Absolute structures of new hydroxystilbenoids, vitisin C and viniferol, from *Vitis vinifera* 'Kyohou' 9991
- Ito J.** see Miki S. 4269
- Ito K.** Yoshitake M. and Katsuki T. Chiral bipyridine and biquinoline ligands: their asymmetric synthesis and application to the synthesis of *trans*-whisky lactone 3905
- Ito Y.** see Tamao K. 5765
- Itoh K.** see Nagashima H. 5053
- Itoh N.** see Murai T. 2839
- Itoh T.** see Nagata K. 6569
- Itokawa H.** see Kamano Y. 2369
- Itokawa H.** see Morita H. 1165
- Itokawa H.** see Morita H. 2795
- Ivantcev W.** Ognyanov V. I. and Hesse M. Synthesis of macrocyclic enaminolactams by ring expansion reaction of 2-oxocyclododecane-1-carbonitrile with diarylcarbodiimides 4363
- Ivanov C.** see Bojilova A. 12597
- Ivanov I. I.** see Venkov A. P. 12299
- Ivanova D. I.** Eremin S. V. and Shvets V. I. The synthesis of a coumarin analogue of retinal 9581
- Ivory A. J.** see Black D. Stc. 4687
- Ivory A. J.** see Black D. Stc. 4697
- Ivory A. J.** see Black D. Stc. 7003
- Iwagawa T.** Masuda T. Okamura H. and Nakatani M. New xenia diterpenoids from a *Xenia* species of a soft coral 13121
- Iwasaki S.** see Morisaki N. 9017
- Iwasaki S.** see Onoda T. 13327
- Iwasaki S.** see Onoda T. 14543
- Iwasawa Y.** Shibata J. Nonoshita K. Arai S. Masaki H. and Tomimoto K. Stereoselective synthesis of J-104,118 and J-104,123, novel, potent inhibitors of squalene synthase 13881
- Iwata C.** see Maezaki N. 6527
- Iwata C.** see Takemoto Y. 14177
- Iwata C.** see Tanaka T. 4257
- Iyer R. P.** Yu D. Jiang Z. and Agrawal S. Synthesis, biophysical properties, and stability
- studies of mixed backbone oligonucleotides containing segments of methylphosphotriester internucleotidic linkages 14419
- Jackman L. M.** see Ye M. 6249
- Jackson M.** see McAlpine J. B. 10327
- Jacobs A.** see Shibata N. 12839
- Jacoby C.** Braekman J.-C. and Daloze D. Asymmetric synthesis of (2*R*)- and (2*S*)-2-iodohexadecanal, natural inhibitors of the thyroid gland metabolism 10473
- Jacquier R.** see Cavelier F. 6173
- Jacquier Y.** see Müller P. 1543
- Jagadish B.** see Singh V. 3693
- Jagerovic N.** Elguero J. and Aubagnac J.-L. Reaction of 2-azidobenzothiazole and 1-azido-4-(3',5'-dimethyl-1'-pyrazolyl)tetrafluorobenzene with [60]fullerene and characterization of the adducts by fast-atom bombardment mass spectrometry 6733
- Jagerovic N.** see Pandey R. K. 5349
- Jahn H.** see Wipf P. 12853
- Jahn K.** see Mag M. 10011
- Jaiboon N.** see Beagley B. 10193
- Jain R.** and Cohen L. A. Regiospecific alkylation of histidine and histamine at N-1 (τ) 5363
- James J. J.** see Beagley B. 10193
- Jan D.** see Dérien S. 5511
- Janda L.** see Strekowski L. 3273
- Jang J.** see Freeman P. K. 8397
- Janin Y. L.** Aubertin A.-M. Chiaroni A. Riche C. Monneret C. Bisagni E. and Grierson D. S. Imidazo[1,5-*g*][1,4]diazepines, TIBO analogues lacking the phenyl ring: synthesis and evaluation as anti-HIV agents 15157
- Janin Y. L.** see Perez C. 987
- Janousek Z.** see Plancquaert M.-A. 4383
- Janssen G.** see Lescrinier T. 6965
- Januario-Charmier M. O.** see Barros M. T. 7861
- Jászay Z. M.** see Nemák K. 1637
- Jaszberenyi J. Cs.** see Barton D. H. R. 14673
- Jaszberenyi J. Cs.** see Barton D. H. R. 2717
- Jawahery G.** see Wang J. 5191

- Jaxa-Chamiec A. A.** see Clasby M. C. 4769
- Jayaraman M.**
Deshmukh A. R. and Bhawal B. M.
Application of (+)-(1*S*,2*S*)-2-amino-1-phenylpropan-1,3-diol in the formal total synthesis of carbapenems, novel 4-cyano- β -lactams and β -hydroxy aspartates 8989
- Jayaraman M. Puranik V. G. and Bhawal B. M.**
Stereoselective synthesis of homochiral pyrrolidinones and *cis,cis*-bis- β -lactams from (+)-(1*S*,2*S*)-2-amino-1-phenylpropan-1,3-diol 9005
- Jayaraman M. Srirajan V. Deshmukh A. R. A. S. and Bhawal B. M.**
Modulating steric effects in diastereoselective Staudinger reaction: synthesis of optically pure *cis*- β -lactams 3741
- Jeffery T.**
On the efficiency of tetraalkylammonium salts in Heck-type reactions 10113
- Jelonek S.** see Ernst S. 791
- Jende T.** see Schroth W. 12677
- Jenkins K.** see Aboutayab K. 11329
- Jenner G.**
Comparative study of physical and chemical activation modes. The case of the synthesis of β -amino derivatives 13557
- Jenneskens L. W.** see Hoogesteger F. J. 1773
- Jenny L. Borschberg H.-J. and Acklin P.**
A highly stereoselective *in vitro* cyclization of dolabellatriene diterpenes into novel dolastadienes 1549
- Jeon G. S. and Nair V.**
New isomeric analogues of anti-HIV active azidonucleosides 12643
- Ji G.-Z.** see Jiang X.-K. 3017
- Jiang H. Ma S. Zhu G. and Lu X.**
Structural factors affecting the selectivities in the palladium(II) catalyzed cyclization of *N*-alkenyl-2-alkynamides 10945
- Jiang T.-Y.** see Zhao W. 12373
- Jiang X.-K. Ji G.-Z. and Xie J. R.-Y.**
In search of the spin-delocalization effect from the correlation analysis of relative rates of the trichloromethyl-bromo-addition reactions to fourteen *p*-Y-substituted phenylacetylenes 3017
- Jiang Y. and Isobe M.**
Pseudoenantiomeric heteroconjugate addition approach for synthesis of spiro segment of tautomycin 2877
- Jiang Z.** see Iyer R. P. 14419
- Jiménez A. I.** see Cativiela C. 5881
- Jiménez J. L.** see Avalos M. 9263
- Jiménez-Vázquez H. A.** see Shimshi R. 5143
- Jiménez Blanco J. L.** see García Fernández J. M. 12947
- Jödicke K.** see Bach T. 10861
- Jogiya N.** see Hale K. J. 1047
- Johannsen M. and Jørgensen K. A.**
Solvent effects in asymmetric hetero Diels-Alder and ene reactions 7321
- Johnson C. R.** see Schoffers E. 3769
- Johnson L. N.** see Brandstetter T. W. 10711
- Johnson L. N.** see Brandstetter T. W. 10721
- Johnstone C.** see Donkervoort J. G. 7391
- Jokela R.** see Lounasmaa M. 6803
- Jolivet S. Toupet L. Texier-Boulet F. and Hamelin J.**
Unusual and stereoselective ring closure of unsaturated monohydrazone with β -ketoesters in a solvent-free reaction 5819
- Jolliffe K. A.** see Black D. StC. 4687
- Jona H.** see Ohkubo M. 8099
- Jonassohn M. Sternér O. and Anke H.**
Structure-activity relationships for unsaturated dialdehydes—XII. The reactivity of unsaturated dialdehydes towards triacetic acid lactone 1473
- Jones C. R.** see Gupton J. T. 6879
- Jones D. N.** see Collins M. A. 8795
- Jones G. R. and Landais Y.**
The oxidation of the carbon-silicon bond 7599
- Jones G.** see Abarca B. 10519
- Jones G.** see Kotschy A. 1399
- Jones J. B.** see Occhiato E. 4199
- Jones K. Newton R. F. and Yarnold C. J.**
Synthetic studies on the ceveratrum alkaloid skeleton 4133
- Jones P. G.** see Dyker G. 14777
- Jones P. G.** see Faltz H. 9035
- Jones R. A. Karatza M. Voro T. N. Clevir P. U. Franck A. Ozturk O. Seaman J. P. Whitmore A. P. and Williamson D. J.**
Extended heterocyclic systems—I. The synthesis and characterisation of pyrrolypyridines, alternating pyrrole:pyridine oligomers and polymers, and related systems 8707
- Joseph-Nathan P.** see Morales-Ríos M. S. 5339
- Joshi S.** see Aboutayab K. 11329
- Josien H.** see Curran D. P. 11385
- Josten I.** see Ye Y. 5793
- Josten J.** see Hamprecht D. 10883
- Joulain D.** see Fronza G. 4041
- Joule J. A.** see Lovell J. M. 4745
- Joullié M. M.** see Williams L. 11673
- Józwiak A.** see Epszajn J. 11025
- Juliá L.** see Carilia J. 7013
- Junjappa H.** see Yadav K. M. 14049
- Junjappa H.** see Yadav K. M. 4679
- Junquera F. Merchán F. L. Merino P. and Tejero T.**
A straightforward synthesis of L-isoserinal 7045
- Junquera F. Merchán F. L. Merino P. and Tejero T.**
Corrigenda 7807
- Jurczak M. Socha D. and Chmielewski M.**
Isoxazolidin-5-one-isoxazolidine rearrangement, an entry to 3-amino-3-deoxy sugars 1411
- Jürgens U. J.** see Zhao N. 2777
- Justice D. E. and Malpass J. R.**
Synthesis of *exo*- and *endo*-7,8-epoxyhomotropanes 11947
- Justice D. E. and Malpass J. R.**
Synthesis of *exo*- and *endo*-6,7-epoxytropanes 11963
- Justice D. E. and Malpass J. R.**
Total synthesis of scopine, pseudoscopine, and nor-derivatives 11977
- Juwiler D.** see Neumann R. 8781
- Jørgensen K. A.** see Johannsen M. 7321
- Kabeya M.** see Hamada Y. 8297
- Kacharov A. D.** see Soloshonok V. A. 245
- Kafarski P.** see Ryglowski A. 10685
- Kaga H. Goto K. Takahashi T. Hino M. Tokuhashi T. and Orito K.**
A general and stereoselective synthesis of the capsaicinoids via the orthoester Claisen rearrangement 8451

- Kagan H. B.** see Hamann B. 14225
- Kaib M.** see Schröder F. 13539
- Kaino M.** see Hanaki N. 7297
- Kaiser R.** see Kitahara T. 1487
- Kajtár-Péredy M.** see Le Thanh Giang 10169
- Kajtár-Péredy M.** see Sápi A. 771
- Kakami K.** see Murai T. 2839
- Kakefuda A.** **Masuda A.**
Ueno Y., Ono A. and Matsuda A.
Nucleosides and nucleotides—CXLVII.
Synthesis of DNA dodecamers containing oxetanocin A and $(2R,3R)$ -2-C-(adenin-9-yl)-1,4-anhydro-2,3-dideoxy-3-C-hydroxymethyl-D-arabitol 2863
- Kakehi A.** see Noguchi M. 13081
- Kakehi A.** see Noguchi M. 13111
- Kakehi A.** see Watanabe M. 2827
- Kakeya H.** see Cui C.-B. 12651
- Kakkar V. V.** see Green D. 10215
- Kamakshi C.** see Ward R. S. 14349
- Kamano Y.** **Zhang H.**
Morita H. **Itokawa H.**
Shirota O. **Pettit G. R.**
Herald D. L. and **Herald C. L.**
Conformational analysis of a marine antineoplastic macrolide, bryostatin 10 2369
- Kambe N.** see Maeda H. 12165
- Kameoka C.** see Ishibashi H. 13867
- Kan Y.** see Tori M. 6339
- Kan Y.** see Yoshida T. 14487
- Kanai G.** see Sakai M. 915
- Kanda T.** see Murai T. 2839
- Kandeel Z. E.** see Farag A. M. 7893
- Kanemasa S.** see Wada E. 1205
- Kanematsu K.** see Lee M. 8169
- Kanmuri K.** see Haraguchi K. 9469
- Kanoh T.** see Fukase K. 3897
- Kapiller-Dezsofi R.** see Németh G. 12821
- Kapoor K. K.** see Yadav V. K. 3659
- Karamfilova K.** see Bernardi A. 3497
- Karatza M.** see Jones R. A. 8707
- Kardos-Balogh Z.** see Szántay C. 11053
- Karelson M.** **Maran U.** and **Katritzky A. R.**
Theoretical study of the keto–enol tautomerism in aqueous solutions 11325
- Karl R. M.** see Klösel R. 1493
- Karlén A.** see Garg N. 15209
- Kascheres A.** and **Rodrigues R. A. F.**
Intramolecular interception of reactive intermediates in the Raney nickel generated *in situ* reduction of oximes. Synthetic and mechanistic implications 12919
- Kashima C.** **Fukuchi I.**
Takahashi K. and **Hosomi A.**
Enantiomerically enriched preparation of enolizable β -keto amides. Diastereo-selective α -acylation and subsequent aminolysis of 2-acyl-3-phenyl-*l*-menthopyrazoles 10335
- Kashino S.** see Sakai T. 233
- Kashman Y.** see Goobes R. 7921
- Kashyap R. P.** see Marchand A. P. 9703
- Kastner F.** see Märkl G. 11763
- Kastner F.** see Märkl G. 1981
- Kasturi T. R.** **Palle P. V. P.**
Sattigeri J. A. and Kumar K. A.
Novel reduction (Zn –AcOH) of DDHQ esters—a new route to tropone synthesis 1707
- Kato H.** see Tsukamoto S. 8181
- Kato I.** see Kurome T. 4327
- Kato N.** **Okamoto H.** and **Takeshita H.**
Total synthesis of optically active cotylenol, a fungal metabolite having a leaf growth activity. Intramolecular ene reaction for an eight-membered ring formation 3921
- Kato N.** and **Miyaura N.**
A stereoselective synthesis of 1,2-diarylethenyl ethyl ethers via the carbocupration–cross coupling sequence 13347
- Kato S.** see Murai T. 2839
- Kato T.** see Akasaka T. 5015
- Kato Y.** see Nagashima H. 5053
- Katoh M.** see Honda T. 12177
- Katoh T.** see Nakajima N. 1177
- Katoh T.** see Tsubuki M. 14515
- Katritzky A. R.** **Rachwal B.**
Recent progress in the synthesis of 1,2,3,4-tetrahydroquinolines 15031
- Katritzky A. R.** see Karelson M. 11325
- Katsui T.** see Hosoyama H. 13145
- Katsui T.** see Kobayashi J. 5391
- Katsuki T.** see Ito K. 3905
- Katsuki T.** see Kokubo C. 13895
- Kaur N.** see Kumar S. 13483
- Kawachi A.** see Tamao K. 5765
- Kawaguchi M.** see Lhoták P. 12399
- Kawahara N.** see Nishida A. 9713
- Kawai N.** see Onoda T. 13327
- Kawanami H.** see Ishibashi H. 13867
- Kawasaki N.** see Tsuda M. 2319
- Kayashita T.** see Morita H. 1165
- Kazmaier U.** and **Maier S.**
Synthesis of sterically high demanding α -alkylated amino acids via Claisen rearrangement of chelated enolates 941
- Kazmierczak F.** see Gawronski J. 13201
- Kaluza Z.** see Furman B. 6019
- Keinänen T. A.** see Khomutov A. R. 13751
- Keller H.** and **Schlosser M.**
2-(Trifluoromethyl)quinolines from anilines: a novel mode of isomerization and cyclization 4637
- Kelly-Borges M.** see Ichiba T. 14079
- Kempe R.** see Kless A. 14599
- Kenda B.** see Krief A. 7435
- Kenda B.** see Krief A. 7465
- Keppens M.** see De Kimpe N. 3705
- Kern J.-M.** **Sauvage J.-P.** and **Weidmann J.-L.**
Multiring interlocked systems via transition metal-templated strategy: the single-cyclization synthesis of [3]-catenates 10921
- Kern W.** and **Spiteller G.**
Synthesis and properties of natural occurring α -hydroxyaldehydes 4347
- Kerr W. J.** see Donkervoort J. G. 7391
- Kers A.** **Kers I.** **Stawinski J.**
Sobkowski M. and **Kraszewski A.**
Studies on aryl H-phosphonates—III. Mechanistic investigations related to the disproportionation of diphenyl H-phosphonate under anhydrous basic conditions 9931
- Kers I.** see Kers A. 9931
- Kesel A. J.** **Urban S.** and **Oberthür W.**
Interconvertible (*Z/E*)-stereoisomers of a vitamin B₆ coenzyme analog derived from pyridoxal 5'-phosphate and rhodanine 14787
- Keseru G. M.** see Sápi A. 771
- Keshavarz-K. M.** **Knight B.**
Haddon R. C. and **Wudi F.**
Linear free energy relation of methanofullerene C₆₁-substituents with cyclic voltammetry: strong electron withdrawal anomaly 5149
- Kesselring R.** see Altmann K.-H. 12699

- Keuning C. A.** see Spijker N. M. 5945
- Keyling-Bilger F.** Schmitt G. Beck A. and Luu B. Synthesis of optically active diastereomers of a nonproteic neurotrophic mimetic 14891
- Keynes M. N.** Earle M. A. Sudharshan M. and Hultin P. G. Synthesis and asymmetric alkylation of glucose-derived bicyclic oxazinones: an evaluation of their use as 'chiral glycines' 8685
- Khai H. H.** see Hanessian S. 10827
- Khan R. A.** see Deshpande V. H. 7159
- Khan S.** see Aboutayab K. 11329
- Kharraz B.** Uriac P. Sinbandhit S. and Toupet L. Oxidation of 2,3- and 2,5-dihydro-1*H*-1-benzazepines by hydride transfer to an iminium ion: synthesis of 3*H*-1-benzazepines 4423
- Khiat A.** see Boulanger Y. 8957
- Kim S.-K.** Cederstrom E. Ferri D. C. and Mariano P. S. SET-photosensitized reactions of α -silylamino-enones and yrones proceeding by 6-*endo* α -amino radical cyclization pathways 3195
- Khomutov A. R.** Vepsäläinen J. J. Shvetsov A. S. Hyvönen T. Keinänen T. A. Pustobaev V. N. Eloranta T. O. and Khomutov R. M. Synthesis of hydroxylamine analogues of polyamines 13751
- Khomutov R. M.** see Khomutov A. R. 13751
- Khong A.** see Shimshi R. 5143
- Kido M.** see Hirota K. 9971
- Kido M.** see Mukai C. 6547
- Kiefer M.** see Peer M. 7547
- Kihlberg J.** see Vuljanic T. 7983
- Kijima H.** see Imada T. 2817
- Kikuchi K.** see Suzuki T. 4973
- Kikuchi R.** see Tanaka H. 2343
- Kim B. C.** and Lee W. K. Highly diastereoselective reduction of enantiomerically pure aziridino ketones 12117
- Kim I. J.** see Mukai C. 6547
- Kim J. D.** see Freeman F. 5699
- Kim K.** see Choi S.-H. 8413
- Kim Y.** see Brandstetter T. W. 10711
- Kim Y.** see Brandstetter T. W. 10721
- Kimbaris A.** see Korakas D. 10751
- Kimura M.** Kobayashi K. Yamamoto Y. and Sawaki Y.
- Electrooxidative pinacol-type rearrangement of β -hydroxy sulfides. Efficient C-S cleavage mediated by chloride ion oxidation 4303
- Kinoshima S.** see Haraguchi K. 9469
- Kinoshita I.** see Fukase K. 3897
- Kinoshita M.** and Ohno A. Factors influencing enantioselectivity of lipase-catalyzed hydrolysis 5397
- Kinoshita T.** see Barrett D. 8471
- Kirfel A.** see Herdeis C. 6409
- Kirihara M.** see Nakajima N. 1177
- Kirrbach S.** see Schulze B. 783
- Kirschner S.** see Gilbert J. C. 2279
- Kiselgof E. Y.** see Snider B. B. 6073
- Kislyi V. P.** Nikishin K. G. Kruglova E. Ya Shestopalov M. Semenov V. V. Gakh A. A. and Buchanan III A. C. Regioselective synthesis and S-derivatization reactions of 4- and 6-trifluoromethyl-3-cyano-2(1*H*)-pyridinethiones 10841
- Kitagawa O.** see Okada M. 8135
- Kitahara T.** Inoue M. Tamogami S. and Kaiser R. Synthesis of both the enantiomers of methyl *cis*-(*Z*)-dehydrojasmonate, principal note for the scent of *Cymbidium goeringii*, to determine the absolute configuration 1487
- Kitayama T.** Asymmetric syntheses of pheromones for *Bactrocera nigrotibialis*, *Andrena wilkella*, and *Andrena haemorrhoa* F from a chiral nitro alcohol 6139
- Kitazume T.** see Fukuda H. 157
- Kitazume T.** see Konno T. 199
- Kitazume T.** see Yamazaki T. 11753
- Kitchin J. P.** see Bowman W. R. 3961
- Klar U.** see Cleve A. 1529
- Klement I.** Rottländer M. Tucker C. E. Majid T. N. Knochel P. Venegas P. and Cahiez G. Preparation of polyfunctional aryl and alkenyl zinc halides from functionalized unsaturated organolithiums and their reactivity in cross-coupling and conjugated addition reactions 7201
- Klempier N.** see Schmidt M. 7833
- Klenke B.** and Friedrichsen W. Nonclassical furoxans—a computational study 743
- Kless A.** Lefebre C. Spannenberg A. Kempe R. Baumann W. Holz J. and Börner A. The first chiral early-late heterobimetallic complex—a titanium(IV)–palladium(II) complex based on salenophos 14599
- Klingberg D.** see Grissom J. W. 6453
- Klos A. M.** see Cherkauskas J. P. 3135
- Klösel R.** König S. Lehnhoff S. and Karl R. M. The 1,1-dianisyl-2,2,2'-trichloroethyl group as 2'-hydroxyl protection of ribonucleotides 1493
- Klötgen S.** Fröhlich R. and Würthwein E.-U. 1,7-Electrocyclisation reactions of 2-azaheptatrienyl lithium compounds: synthesis of 1-acyl-2,3-dihydroazepines 14801
- Kluge M.** and Sicker D. Double diastereoselective glucosidation of cyclic hemiacetals: synthesis of the 1,4-benzoxazine acetal glucosides GDIBOA and GDIMBOA from Gramineae 10389
- Kluge R.** Schulz M. and Liebsch S. Diastereoselective epoxidation of olefins by organo sulfonic peracids—II 2957
- Kluge R.** Schulz M. and Liebsch S. Sulfonic peracids—III. Heteroatom oxidation and chemoselectivity 5773
- Kluge R.** see Schulz M. 13151
- Klunder A. J. H.** see Bakkeren F. J. A. D. 7901
- Knight B.** see Keshavarz-K. M. 5149
- Knight J. G.** see Herbert J. M. 15257
- Knochel P.** see Klement I. 7201
- Knöller H.-J.** Baum G. and Pannek J.-B. Transition metal-diene complexes in organic synthesis—XXVII. Synthesis and reactivity of 4a,9a-dihydro-9*H*-carbazoles 7345
- Knopp M.** see Enders D. 5805
- Knott Th.** see Märkl G. 11763
- Knühl G.** see Urban E. 971
- Ko S.-B.** see Curran D. P. 11385
- Kobayashi H.** see Morisaki N. 9017
- Kobayashi J.** Hosoyama H. Katsui T. Yoshida N. and Shigemori H. Taxuspinos N, O and P, new taxoids from Japanese yew *Taxus cuspidata* 5391

- Kobayashi J., Nakamura T., and Tsuda M.**
Hymenamide F, new cyclic heptapeptide from marine sponge *Hymeniacidon* sp. 6355
- Kobayashi J., Yuasa K.**
Kobayashi T., Sasaki T., and Tsuda M.
Jaspiferals A-G, new cytotoxic isomalabaricane-type nortriterpenoids from Okinawan marine sponge *Jaspis stellifera* 5745
- Kobayashi J.** see Doi Y. 4573
- Kobayashi J.** see Hosoyama H. 13145
- Kobayashi J.** see Shigemori H. 9031
- Kobayashi J.** see Tsuda M. 2319
- Kobayashi J.** see Wang X. 12159
- Kobayashi J.** see Wang X. 2337
- Kobayashi K.** see Akasaka T. 5015
- Kobayashi K.** see Akita T. 6893
- Kobayashi K.** see Kimura M. 4303
- Kobayashi K.** see Senboku H. 6125
- Kobayashi S. and Horibe M.**
Preparation of both enantiomers of 2-methyl-3-hydroxythioesters based on chiral Lewis acid-controlled synthesis 7277
- Kobayashi T.** see Kobayashi J. 5745
- Kobayashi Y.** see Iseki K. 71
- Kocienski P.** see Schmidt B. 1617
- Kodama K.** see Ishibashi H. 13867
- Kodukulla R. P. K.** see Baskaran S. 4515
- Koeller K. J.** see Dussault P. H. 12381
- Kohn H.** see Santillán, Jr A. 833
- Koiso Y.** see Onoda T. 14543
- Koizumi T.** see Takeuchi Y. 225
- Kojima S.** see Ohno M. 4983
- Kökösi J.** see Hermecz I. 7789
- Kokubo C. and Katsuki T.**
Highly enantioselective catalytic oxidation of alkyl aryl sulfides using Mn-salen catalyst 13895
- Koll D.** see Hombrecher H. K. 5441
- Kollenz G., Penn G., Theuer R., Fabian W. M. F., Abd El-Nabi H. A., Zhang X., Peters K., Peters E.-M., and von Schnering H. G.**
Reactions of cyclic oxazyl compounds—XXXVIII. New isoindigoide dyes from heterocyclic 2,3-
- diones—synthesis and thermal rearrangement 5427
- Koller M.** see Mahboobi S. 6373
- Kolodiaznyi O. I.**
C-Element-substituted phosphorus ylids 1855
- Kolter T.** see Schick A. 2945
- Komatsu K.** see Murata Y. 5077
- Komnick P.** see Muchall H. M. 1965
- Komori T.** see Miyamoto T. 8187
- Kondracki P. A.** see Chapman R. D. 9655
- Konetzki I.** see Fürstner A. 15071
- Kong J.-S.** see Barluenga J. 3095
- Kong X.** see Clive D. L. J. 6085
- König S.** see Klösel R. 1493
- Konkel M. J. and Vince R.**
Cyclohexenyl nucleosides: synthesis of *cis*-4-(9H-purin-9-yl)-2-cyclohexenylcarbinols 799
- Konkel M. J. and Vince R.**
Cyclohexenyl nucleosides: synthesis and biological activity of *trans*-3-(purin-9-yl)-4-cyclohexenylcarbinols 8969
- Konkel M. J.** see Noland W. E. 4555
- Konno H., Makabe H., Tanaka A., and Oritani T.**
Syntheses of two possible diastereoisomers of the epoxy lactone proposed for an annonaceous acetogenin, epoxysyrillin A 9399
- Konno T., Yamazaki T., and Kitazume T.**
Synthesis and application of α -trifluoromethylated aldehydes 199
- Konstantinovskii L. E.** see Mizhiritskii M. D. 1239
- Kooijman H.** see Hoogesteger F. J. 1773
- Koomen G.-J.** see Cheng E. 6725
- Koppeler D.** see Bringmann G. 13409
- Korakas D., Kimbaris A., and Varvounis G.**
Synthesis of the novel pyrrolo[2,1-*d*][1,2,5]benzotriazepine, pyrrolo[2,1-*e*][1,3,6]benzotriazocine and pyrrolo[1,2-*a*]tetrazolo[1,5-*d*][1,4]benzodiazepine ring systems. A new route to pyrrolo[1,2-*a*]quinoxaline via transamination of *in situ* generated 1-(2-aminophenyl)-2-iminomethylpyrroles 10751
- Korakas D.** see Cobb J. 4485
- Korb M. N.** see Adam W. 5487
- Körning J.** see Dyker G. 14777
- Kornprobst J.-M.** see Roussis V. 2735
- Köster H.** see Leikauf E. 6913
- Kostova K.** see Dimitrov V. 1699
- Kotila S.** see Goj O. 12761
- Kotila S.** see Linkert F. 955
- Kotschy A., Hajós G., Messmer A., and Jones G.**
Selective ring opening of linearly and angularly fused triazolium salts 1399
- Koumoto K.** see Takeuchi M. 12931
- Kovalev V. V., Rozov A. K., and Shokova E. A.**
Novel approach to trisubstituted adamantanes 3983
- Kovtunenko V. A., Nazarenko K. G., and Demchenko A. M.**
The derivatives of the 2a,4a-diazacyclopenta[c,d]azulene 9835
- Kowski K.** see Muchall H. M. 1965
- Koyama M.** see Omote M. 13961
- Koyama M.** see Takagi T. 12667
- Koza G.** see Al Dulayymi A. R. 3409
- Kozhushkov S. I.** see Heiner T. 12185
- Kozma D.** see Nemák K. 1637
- Kraft P.** see Bollbuck B. 4581
- Kranz A., Samson-Schulz E., Hennig L., Welzel P., Müller D., Mayer-Figge H., and Sheldrick W. S.**
Synthesis of new strigol analogues 14827
- Krasutsky P. A.** see Fokin A. A. 5857
- Kraszewski A.** see Kers A. 9931
- Kraunsoe J. A. E.** see Alexander R. P. 5983
- Kraunsoe J. A. E.** see Coulter C. V. 7127
- Kraus A.** see Gügel A. 5007
- Krause H.** see Fürstner A. 7329
- Kräutler B. and Maynoljo J.**
Diels-Alder reactions of the [60]fullerene: functionalizing a carbon sphere with flexibly and with rigidly bound addends 5033
- Kreitmeier P.** see Märkl G. 11763
- Kreitmeier P.** see Märkl G. 1981
- Kretzschmar G.** see Mag M. 10011
- Krief A., Kenda B., Maertens C., and Remacle B.**
Stereoselective syntheses of 1,2-dialkyl-1-phenyl cyclopentanes involving intramolecular carbolithiation of olefins 7465
- Krief A., Kenda B., and Remacle B.**
Stereoselective syntheses of

- 1,2-dialkyl-1-phenyl cyclopentanes involving intramolecular carbolithiation of α -thioalkenes 7435
- Krieger C.** see Csuk R. 6397
- Krishnaswami A.** see Ramig K. 319
- Kroesche C. and Peter M. G.** Detection of melanochromes by MALDI-TOF mass spectrometry 3947
- Kroto H. W.** see Avent A. G. 5235
- Krug P. J.** see Graziani E. I. 6869
- Krüber J.** see Hoffmann R. W. 7421
- Kruglova E. Ya.** see Kislyi V. P. 10841
- Krygowski T. M. and Cyranski M.** Separation of the energetic and geometric contributions to the aromaticity of π -electron carbocyclics 1713
- Krygowski T. M. and Cyranski M.** Separation of the energetic and geometric contributions to the aromaticity—IV. A general model for the π -electron systems 10255
- Krygowski T. M.** see Cyranski M. 13795
- Krygowski T. M.** see Howard S. T. 11379
- Krysiak J. K.** see Epszajn J. 11025
- Ku M.** see Ho Z. 13189
- Ku M.** see Shu C. 9805
- Kubo K.** see Hirota K. 9971
- Kubota M.** see Ishida T. 5103
- Kuck D.** see Seifert M. 13167
- Kuduk S. D.** see Ojima I. 209
- Kuehm-Caubère C.**
- Adach-Becker S. Fort Y. and Caubère P.** Expedited and efficient syntheses of pure 4-methyl and 4,6-disubstituted dibenzothiophenes 9087
- Kuhr S.** see Mahboobi S. 6373
- Kukhar V. P.** see Soloshonok V. A. 12433
- Kukhar V. P.** see Soloshonok V. A. 6953
- Kula J. Sikora M.**
- Sadowska H. and Piwowarski J.** Short synthetic route to the enantiomerically pure (*R*)-(+)- γ -decalactone 11321
- Kulik N. I.** see Fokin A. A. 5857
- Kulkarni M. G. and Thopate S. R.** Chemoselective alkylation of L-ascorbic acid 1293
- Kumadaki I.** see Omote M. 13961
- Kumadaki I.** see Takagi T. 12667
- Kumar J. S. D.** see Das S. 3425
- Kumar K. A.** see Bartsch R. A. 8979
- Kumar K. A.** see Kasturi T. R. 1707
- Kumar K. A.** see Marchand A. P. 13531
- Kumar K. A.** see Marchand A. P. 9703
- Kumar N.** see Black D. StC. 4687
- Kumar N.** see Black D. StC. 4697
- Kumar N.** see Black D. StC. 7003
- Kumar N.** see Black D. StC. 8925
- Kumar S. Kaur N. and Singh H.** Synthetic ionophores—XIV. Effect of pyridine and thioether ligating units on Ag⁺ selectivity in 18-membered diamide-diester macrocycles 13483
- Kumar S.** see Nair V. 4029
- Kumar V. A.** see Gangamani B. P. 15017
- Kumaravel G.** see Yan B. 843
- Kündig E. P. Leresche J. Saudan L. and Bernardinelli G.** Chiral tricarbonyl(η^6 -cyclobutabenzene)chromium complexes. Diastereoselective synthesis and use in asymmetric cycloaddition reactions 7363
- Kuo L. H.** see Paquette L. A. 11625
- Kuraoka S.** see Takemoto Y. 14177
- Kurdjukov A. I.** see Al-Dulayymi J. R. 8877
- Kureishi Y.** see Tamiaki H. 12421
- Kurihara T.** see Aoyagi Y. 869
- Kurihara T.** see Yoneda R. 14563
- Kurishita M.** see Shibuya A. 271
- Kuroda A.** see Saito S. 13919
- Kuroki Y.** see Noguchi M. 13097
- Kurome T. Inami K. Inoue T. Ikai K. Takesako K. Kato I. and Shiba T.** Total synthesis of an antifungal cyclic depsipeptide aureobasidin A 4327
- Kurono Y.** see Hamada Y. 8297
- Kurozumi C.** see Miyashita K. 12125
- Kureck H.** see Szelinski H. 8497
- Kurz M.** see Tavecchia P. 8763
- Kusukawa T. Shike A. and Ando W.** Photochemical functionalization of C₆₀ with cyclosilanes and cyclogermane 4995
- Kusumoto S.** see Fukase K. 3897
- Kuzuhara H.** see Takahashi S. 13315
- Kwon B.-M.** see Seo Y. 10583
- Laackmann P. and Friedrichsen W.** Bis-(pyrimidiniumolates) 5475
- Lacôte E.** see Fensterbank L. 11405
- Lácová M. Chovancová J. Veverková E. and Toma Š.** Microwaves assisted Gabriel synthesis of phthalides
- Lahliou E. H.** see Luis J. G. 12309
- Lahoz L.** see Blay G. 8611
- Lai J. Y. Q.** see Clasby M. C. 4769
- Lai Y.-H. Ma L. and Mok K. F.** 12,13,25,26-Tetraaza-2,15-dithia[3.3]phenanthrolinophane. Synthesis, conformational study and complexation reactions 4673
- Laine C.** see Louasmaa M. 6803
- Lakshmi A.** see Ward R. S. 14349
- Lallemand J.-Y.** see Soulié J. 15137
- Lallemand J. Y.** see Leclaire M. 7703
- Lam Y. K. T. Hensens O. D. Ransom R. Giacobbe R. A. Polishook J. and Zink D.** L-755,807, a new non-peptide bradykinin binding inhibitor from an endophytic *Microsphaeropsis* sp. 1481
- Lamont R. B.** see Beard M. J. 3719
- Lamparth I. Herzog A. and Hirsch A.** Synthesis of [60]fullerene derivatives with an octahedral addition pattern 5065
- Lance M.** see Roux M.-C. 10083
- Lancioti R.** see Fantin G. 3547
- Landais Y.** see Jones G. R. 7599
- Landras C.** see Bisagni E. 10427
- Lane B. C.** see Wagner R. 9643
- Langa F.** see Díaz-Ortiz A. 9237
- Lange U.** see Donkervoort J. G. 7391
- Langer T.** see Peer M. 7547
- Langhals H. Wagner B. and Polborn K.** The oxidative coupling of coumaranone with disulfur dichloride 1961
- Langli G. Gundersen L.-L. and Riise F.** Regiochemistry in Stille couplings of 2,6-dihalopurines 5625
- Langlois N. Dahuron N. and Wang H.-S.**

- Enantioselective syntheses of (*R*)-3-phenyl GABA, (*R*)-baclofen and 4-arylpyrrolidin-2-ones 15117
- Lanier M.** **Le Blanc M.** and **Pastor R.**
Nucleophilic ring opening of 3-*F*-alkyl 2,3-epoxypropanoates. Access to α,β -difunctional β -F-alkylpropanoates 14631
- Lankhorst P. P.** see van Beek T. A. 4505
- Larchevèque M.** see Gueugnot S. 6635
- Larock R. C.** and **Yum E. K.**
Palladium-catalyzed annulation of vinylic cyclopropanes and cyclobutanes 2743
- Laronze J.** see Sapi J. 8209
- Laronze J.-Y.** see Royer D. 9069
- Laronze J.-Y.** see Sapi J. 8209
- Laschat S.** see Linkert F. 955
- Laskovics F. M.** see McCarthy J. R. 45
- Lassalleta J.-M.** **Fernández R.** **Gasch C.** and **Vázquez J.**
Formaldehyde dimethylhydrazone: a new neutral reagent for nucleophilic hydroformylation and hydrocyanation 9143
- Lau C. K.** see Wiebe J. M. 11705
- Lau J.** see Andersen K. E. 3375
- Lauher J. W.** see Liao R.-F. 3153
- Lautens M.** **Ben R. N.** and **Delanghe P. H. M.**
Allyl 1,bimetallic species: their preparation and reactivity profile 7221
- Lavastre O.** **Olivier L.** **Dixneuf P. H.** and **Sibandhit S.**
Sequential catalytic synthesis of rod-like conjugated polyynes 5495
- Lax G.** see Németh G. 12821
- Léandri G.** see Monti H. 6685
- Le Bert V.** see D'Auria M. V. 9589
- Le Bert V.** see Iorizzi M. 10997
- Le Bideau F.** **Gilloir F.** **Nilsson Y.** **Aubert C.** and **Malacria M.**
Sterecontrolled synthesis of α -trialkylsilyl- β,γ -unsaturated aldehydes via palladium(0) catalysis. Synthetic usefulness 7487
- Le Bigot Y.** see Abribat B. 8245
- Le Blanc M.** see Lanier M. 14631
- Leclaire M.** **Levet R.** **Péricaud F.** **Ricard L.** and **Lallemand J. Y.**
Studies on the preparation of the 'Ziegler intermediate', a key intermediate in the total synthesis of forskolin 7703
- Lee A. Y.** see Montanari A. M. 5371
- Lee E. C.** see Andersen K. E. 3375
- Lee G. P.** see Hodgson D. M. 14361
- Lee J.** and **Hollingsworth R. I.**
Isolation and characterization of a β -1-O-acyl- β ,1,2-diglucosyl glycoside from the membranes of a Gram positive bacterium *Sarcina ventriculi* 3873
- Lee M.** **Moritomo H.** and **Kanematsu K.**
Construction of three types of fused isoindoles via furan-pyrrole ring exchange reaction 8169
- Lee M.** see Freeman F. 5699
- Lee S.-S.** **Chen C.-K.** and **Chen C.-H.**
Chemical constituents from *Dehaasia triandra*—II. Five new alkaloids, secoxanthophanine, dehydroisocorydione, 11,8'-O-bisisocorydine, (8,8'-R)- and (8,8'-S)-bisiscorydine, isolated from the leaves 6561
- Lee V.** **Cheung M.-K.** **Wong W.-T.** and **Cheng K.-F.**
Studies on the acid-catalyzed dimerization of 2-prenyliindoles 9455
- Lee W. K.** see Hwang G. I. 12111
- Lee W. K.** see Kim B. C. 12117
- Lefever C.** see Kless A. 14599
- Le Goffic F.** see Meiffre P. 11215
- Lehnhoff S.** see Klösel R. 1493
- Leikauf E.** **Barnekow F.** and **Köster H.**
A combinatorial protecting group strategy for oligonucleotide synthesis 6913
- Lejón T.** see Dulphy H. 8517
- Lemaire M.** see Fache F. 9777
- Lemaire M.** see Meille V. 3953
- Le Ménez P.** see Fargeas V. 6613
- Lempert K.** see Le Thanh Giang 10169
- Lempert K.** see Sápi A. 771
- Leopizzi C.** see Bisi Castellani C. 11045
- Lequeux T.** see Bonnet-Delpont D. 59
- Leresche J.** see Kündig E. P. 7363
- Leschinier T.** **Busson R.** **Rozenski J.** **Janssen G.** **Van Aerschot A.** and **Herdewijn P.**
Incorporation of 5-hydroxytryptophan in oligopeptides 6965
- Lessma G.** see Danieli B. 11291
- Lessard J.** see Chapuzet J.-M. 4175
- Lessig J.** see Schulz M. 13151
- Leßmann F.** see Beyer L. 6233
- Le T.-B.** see McCarthy J. R. 45
- Le Thanh Giang** **Fetter J.** **Lempert K.** **Kajtar-Pereedy M.** and **Gömörý Á.**
Simple and condensed β -lactams—XXVII. Reaction of 1-(4-methoxyphenyl)-4-(tetrazol-5-yl)azetidin-2-one and 1-(4-methoxyphenyl)-5-(tetrazol-5-ylmethyl)pyrrolidin-2-one with cerium(IV) ammonium nitrate (CAN) 10169
- Letsch O.** see Amouagay A. 2405
- Levet R.** see Leclaire M. 7703
- Lévy J.** see Royer D. 9069
- Lévy J.** see Sapi J. 8209
- Lhoták P.** **Kawaguchi M.** **Ikeda A.** and **Shinkai S.**
Synthesis of macrocycle of macrocycles containing 3–8 calix[4]arene units. Unexpected generation of large super-macrocycles 12399
- Li C.-J.**
Aqueous Barbier–Grignard type reaction: scope, mechanism, and synthetic applications 5643
- Li H.-Y.** **Drummond S.** **DeLuca I.** and **Boswell G. A.**
Singlet oxygen oxidation of pyroles: synthesis and chemical transformations of novel 4,4-bis(trifluoromethyl)imidazoline analogs 11153
- Li S.** **Dory Y. L.** and **Deslongchamps P.**
Hydrolysis of cyclic orthoesters: experimental observations and theoretical rationalization 14841
- Li W.-X.** see Zhao W. 12373
- Li Z.-S.** see Liu L.-G. 4495
- Liao R.-F.** **Lauher J. W.** and **Fowler F. W.**
The application of the 2-amino-4-pyrimidones to supramolecular synthesis 3153
- Liao Y.** see Martin S. F. 7251
- Librando V.** see Chiaccio U. 14323
- Librando V.** see Corsaro A. 13027
- Licandro E.** see Baldoli C. 4849
- Liebsch S.** see Kluge R. 2957
- Liebsch S.** see Kluge R. 5773
- Liebsch S.** see Schulz M. 13151
- Liebscher J.** see Faltz H. 9035
- Lightner D. A.** see Holmes D. L. 5319
- Liko Z.** see Hermecz I. 7789
- Lilley P. M. de Q.** see Brandstetter T. W. 10721

- Limberakis C.** see Martin S. F. 3229
- Lin C.-T.** see Chou T.-C. 6325
- Lin G. and Shi Z.**
A facile formal synthesis of D-ribo-C₁₈-phytosphingosine 2187
- Lin G.-Q. and Xu W.-C.**
A convergent and stereoselective synthesis of the sex pheromone of *Macrocentrus grandis* 5907
- Lin J.** see Suarez A. I. 6117
- Lin J.** see Welch J. T. 291
- Lin K.-J.** see Chou T.-C. 6325
- Lin L.** see Ho Z. 13189
- Lin L.** see Shu C. 9805
- Lin W.-Y.** see Chen Y.-J. 13181
- Linda P.** see Ebert C. 4867
- Linden A.** v.d. see Schuurman R. J. W. 8307
- Lindquist N.** see Montanari A. M. 5371
- Linkert F., Laschat S., Kotila S. and Fox T.**
Evidence for a stepwise mechanism in formal hetero-Diels–Alder reactions of *N*-arylimines 955
- Linstrumelle G.** see Gueugnot S. 6635
- Liou J.-P.** see Cheng C.-Y. 10935
- Lippens G. M.** see Pop I. E. 12209
- Lipshutz B. H., Bülow G., Lowe R. F. and Stevens K. L.**
Allylated aromatics via Ni-catalyzed couplings of benzylidene chlorides and vinylic organometallics 7265
- Litinas K. E.** see Nicolaides D. N. 15007
- Litvinov V. P.** see Artyomov V. A. 1011
- Liu H.** see Curran D. P. 11385
- Liu L.-G., Zhang T. and Li Z.-S.**
Regio- and stereo-selective hydrogenation of 17-substituted 13β-ethyl-11β-hydroxy-gona-4,9-dien-3-ones and NMR study 4495
- Liu R. S. H.** see Chen R.-L. 7809
- Liu R. S. H.** see Colmenares L. U. 109
- Liu W.** see Barton D. H. R. 14673
- Liu W.** see Barton D. H. R. 2717
- Liu W.** see Shu C. 9805
- Liu W.-Q., Carreaux F., Meudal H., Roques B. P. and Garbay-Jaureguiberry C.**
Synthesis of constrained 4-(phosphonomethyl)phenylalanine derivatives as hydrolytically stable analogs of O-phosphotyrosine 4411
- Liu W.-Q.** see Bacsko K. 2021
- Liu Z.** see Marchand A. P. 9703
- Llamas-Botía J.** see Molina P. 9629
- Llamas Saiz A. L.** see Molina P. 13671
- Llebaria A.** see Ang K. H. 11503
- Llebaria A.** see Villar J. M. 10525
- Lluch A.-M., Gibert M., Sánchez-Baeza F. and Messeguer A.**
Studies on dioxirane chemoselectivity: the oxidation of an enamino moiety present in a Fischer carbene complex 3973
- Lobo C.** see Suau R. 11307
- Lociuro S.** see Tavecchia P. 8763
- Locke A. J., Gouti N., Richards C. J., Hibbs D. E. and Hursthouse M. B.**
Addition of silyl enol ethers and silyl ketene acetals to ferrocenylmethyl ethers. Synthesis of precursors to chiral bridged ferrocenophanes 1461
- Loganathan V.** see Grigg R. 11479
- Logaraj S.** see Ye M. 6249
- Logothetis T. A.** see Wucherpfennig U. 143
- Longobardo L.** see Caputo R. 11857
- López A., Moreno-Mañas M., Pleixats R., Roglans A., Ezquerro J. and Pedregal C.**
Ethyl *N*-(diphenylmethylene)glycinate as anionic glycine equivalent. Monoalkylation, dialkylation and Michael additions under solid–liquid phase-transfer catalysis 8365
- López I., Diez A. and Rubiralta M.**
Synthetic applications of 2-aryl-4-piperidones—XI. A new synthesis of the E-azaeburnamine skeleton 8581
- Lopez L.** see Ciminale F. 13971
- López-Barba E.** see Robina I. 10771
- López-Herrera F. J.** see Sarabia-García F. 4757
- López-Leonardo C.** see Molina P. 5833
- López-Leonardo C.** see Molina P. 9629
- López-Pérez J. L., del Olmo E., de Pascual-Teresa B., Merino M. and San Feliciano A.**
The stereochemistry of thuriferic and epithuriferic acids 4903
- López-Romero J. M.** see Suau R. 11307
- López-Solera I.** see Bañuelos L. A. 9193
- López Lavertia N.** see Gaviña P. 4911
- Lorenz Lj. B.** see Mihailovic M. Lj. 11995
- Lorenzo A.** see Molina P. 13671
- Lou B.** see Hanessian S. 10827
- Lough A. J.** see Mootoo B. S. 9953
- Lounasmaa M., Jokela R., Anttila U., Hanhinen P. and Laine C.**
Short synthetic route to (±)-geissoschizine 6803
- Lounasmaa M., Mikkilä L. and Tolvanen A.**
Acid-catalysed epimerization of 1-substituted indolo[2,3-a]quinolizidines: stereoselective routes to *cis*- and *trans*-deethyleburnamonine starting from the same ester intermediate 9925
- Lounasmaa M. and Hanhinen P.**
Studies on the biomimetic preparation of the sarpagan ring system. Attempts to apply the spontaneous ‘biogenetic-type cyclization’ of van Tamelen to bond formation between C-5 and C-16 in the corynantheine series 15225
- Lounasmaa M.** see Din Belle D. 11361
- Loupy A., Pigeon P. and Ramdani M.**
Synthesis of long chain aromatic esters in a solvent-free procedure under microwaves 6705
- Louwrier S., Ostendorf M., Boom A., Hiemstra H. and Speckamp W. N.**
Studies towards the synthesis of (+)-ptilocalydin A; stereoselective *N*-acyliminium ion coupling reactions to enantiopure C-2 substituted lactams 2603
- Louwrier S., Tuynman A. and Hiemstra H.**
Synthesis of bicyclic guanidines from pyrrolidin-2-one 2629
- Lovell J. M., Beddoes R. L. and Joule J. A.**
Synthesis of 4,6-disubstituted thianthrenes; X-ray crystal structures of 4,6-diphenylthianthrene and 1-tetrathiafulvalenylnaphthalene 4745
- Lowe R. F.** see Lipshutz B. H. 7265
- Loya Y.** see Goobes R. 7921
- Lozano J. I. and Barba F.**
Electrosynthesis of 2-benzhydrylidene-4,4-diphenyl-[1,3]oxathiolan-5-one: the reaction pathway 1259
- Lu Q.** see Wilson S. R. 5131
- Lu X.** see Jiang H. 10945

- Luchetti L.** see Cerichelli G. 2465
- Łucka D.** see Epszajt J. 11025
- Luengo A.** see Raposo C. 12323
- Lugtenburg J.** see van Dijk J. T. M. 2647
- Luis J. G. Lahou E. H. and Andrés L. S.** Hassaneines: C₂₃ terpenoids with a new type of skeleton from *Salvia apiana* Jeps 12309
- Luis S. V.** see Fraile J. M. 9853
- Luly J. R.** see Wagner R. 9643
- Lunazzi L.** see Casarini D. 2471
- Lundström J.** see Briggs A. D. 14937
- Lundt B. F.** see Andersen K. E. 3375
- Lüning U.** see Ross H. 10879
- Lupattelli P.** see Bovicelli P. 10969
- Lusztyk J.** see Avila D. V. 12351
- Lutterbach R.** see Schroeder C. 925
- Lutz A. Ward T. R. and Albrecht M.** Synthesis of salicylamide and bipyridine containing ligands for iron(II) and iron(III) coordination 12197
- Luu B.** see Keyling-Bilger F. 14891
- Luu B.** see Werner F. 5525
- Luvidi L.** see Doddi G. 3509
- Luyten I. and Herdewijnen P.** Synthesis and conformational behavior of purine and pyrimidine β-D-*threo*-hex-3'-enopyranosyl nucleosides 9249
- Luzzani M.** see Danieli B. 11291
- Lynch V.** see Magnus P. 14103
- Ma L. and Dolphin D.** Nucleophilic reaction of 1,8-diazabicyclo[5.4.0]undec-7-ene and 1,5-diaza-bicyclo[4.3.0]non-5-ene with methyl pheophorbide a. Unexpected products 849
- Ma L.** see Lai Y.-H. 4673
- Ma S.** see Copéret C. 11529
- Ma S.** see Jiang H. 10945
- Maas G.** see Manz B. 10053
- MacBeath F. S.** see Adams H. 8565
- MacBeath F. S.** see Brettle R. 10547
- Macciantelli D.** see Alberti A. 10241
- Machiguchi T.** see Minato T. 8439
- Macias-Sánchez A. J.** see Collado I. G. 7961
- Mackay J. P. Shelton C. J. and Harding M. M.** Assignment of the ¹H NMR spectrum and solution conformation of the antitumour antibiotic ditrisarubicin B 5617
- Mackenzie G.** see Frame A. S. 9219
- Mackman P. S.** see Hickman D. N. 2235
- Macko L.** see Behr J.-B. 3283
- Madaio A.** see Guo Y. 14961
- Madaio A.** see Guo Y. 8341
- Maeda H. Kambe N.** Sonoda N. Fujiwara S. and Shin-Ike T. Reaction of 2,6-xylol isoselenocyanate with organolithium compounds 12165
- Maeda K.** see Tanaka T. 4257
- Maekawa H.** see Fujimoto K. 3889
- Maercker A. Wunderlich H. and Girreser U.** Poly lithiumorganic compounds—XXXIII. 3,4-Dilithio-1,2-butadienes by addition of lithium metal to 1,4-unsymmetrically substituted butatrienes 6149
- Maertens C.** see Krief A. 7465
- Maezaki N. Soejima M.** Takeda M. Sakamoto A. Matsumori Y. Tanaka T. and Iwata C. Novel asymmetric desymmetrization of meso-1,2-diols via diastereoselective β-elimination of chiral α-arylsulfinyl acetals 6527
- Maffei M.** see Principato B. 2087
- Maffia P.** see Costantino V. 1573
- Mag M. Jahn K.** Kretzschmar G. Peyman A. and Uhlmann E. Synthesis and duplex stability of oligodeoxynucleotides containing stereoregular or stereorandom octyl-phosphonate linkages 10011
- Mager S.** see Grosu I. 12783
- Maggi R.** see Sartori G. 8287
- Maggini M.** see Prato M. 5221
- Magno S.** see Ciminiello P. 9863
- Magnus N.** see Bauta W. E. 14081
- Magnus N.** see Magnus P. 14103
- Magnus P. Booth J. Diorazio L. Donohoe T. Lynch V. Magnus N. Mendoza J. Pye P. and Tarrant J.** Taxane diterpenes—II. Synthesis of the 7-deoxy ABC taxane skeleton, and reactions of the A-ring 14103
- Magnus P. Carter R. Davies M. Elliott J. and Pittnera T.** Studies on the synthesis of the core structures of the antitumor agents neocarzinostatin, kedarcidin, C-1027 and maduropeptin 6283
- Magnus P. Diorazio L.**
- Donohoe T. J. Giles M. Pye P. Tarrant J. and Thom S.** Taxane diterpenes—III. Formation of the eight-membered B-ring by semi-pinacol rearrangement 14147
- Magnus P.** see Bauta W. E. 14081
- Mahboobi S. Kuhr S. and Koller M.** Synthesis of carbazole derivatives—III. Synthesis of new pyrrolidino[3,4-c]carbazoles by intramolecular Michael addition 6373
- Mahmoud A. M.** see Sarhan A. A. O. 10485
- Maier M. E.** see Boße F. 9485
- Maier N. M.** see Zoltewicz J. A. 8703
- Maier S.** see Kazmaier U. 941
- Maignan J.** see Solladié G. 2065
- Maillard B.** see Colombani D. 14855
- Maillard B.** see Helgorsky C. 8263
- Majid T. N.** see Clement I. 7201
- Mak C. C.** see Chow H.-F. 4277
- Makabe H.** see Konno H. 9399
- Makleit S.** see Marton J. 2449
- Makosza M. Grela K. and Fabianowski W.** Active metals prepared in liquid ammonia. Zinc and tin-promoted synthesis of β-hydroxyesters, homoallylic and homopropargylic alcohols 9575
- Makosza M. Sypniewski M. and Glinka T.** Vicarious nucleophilic substitution of hydrogen proceeding via heterocyclic ring opening 3189
- Maksimenko A. A.** see Sadekov I. D. 3365
- Malacria M.** see Fensterbank L. 11405
- Malacria M.** see Le Bideau F. 7487
- Malamidou-Xenikaki E.** see Nicolaides D. N. 15007
- Malar E. J. P.** SINDO1 investigations on the low-lying states of some three-membered antiaromatic systems 4709
- Malignes P. E. Weissman S. A. Upadhyay V. Cianciosi S. J. Reamer R. A. Purick R. M. Sager J. Rossen K. Eng K. K. Askin D. Volante R. P. and Reider P. J.** Cyclic imidate salts in acyclic stereochemistry: diastereoselective syn-

- epoxidation of 2-alkyl-4-enamides to epoxyamides 3327
- Malik K. M. A.** see Murphy P. J. 8315
- Mallareddy K. and Prahlada Rao S.** A concise enantiospecific synthesis of analogues of monocerin 8535
- Malmquist J. and Sjöberg S.** Asymmetric synthesis of *p*-carboranylalanine (*p*-Car) and 2-methyl-*o*-carboranylalanine (Me-*o*-Car) 9207
- Malpass J. R.** see Justice D. E. 11947
- Malpass J. R.** see Justice D. E. 11963
- Malpass J. R.** see Justice D. E. 11977
- Mambu L.** see Gueugnot S. 6635
- Manabe T.** see Aoyagi Y. 869
- Manaviazar S.** see Hale K. J. 1047
- Mancheño B.** see Guijarro A. 1643
- Mancini G.** see Cerichelli G. 2465
- Mandal P. Nath A. and Venkateswaran R. V.** Corrigendum 10265
- Mandal P. Nath A. and Venkateswaran R. V.** Facile photolytic demethoxylation of 3-methoxychromones 7855
- Mandal P. K.** see Roy S. C. 12495
- Mandal P. K.** see Roy S. C. 2193
- Mandal S. B.** see Patra R. 11265
- Mandolini L.** see Cacciapaglia R. 8867
- Manfredi A.** see Pozzi G. 11879
- Manfrini M.** see Vicentini C. B. 7179
- Mangalagiu I. I. Druta I. I. Constantinescu M. A. Humelnicu I. V. and Petrovanu M. C.** Pyridazinium ylides. Regiochemistry 8853
- Mangoni A.** see Cafieri F. 13713
- Mangoni A.** see Costantino V. 1573
- Mani V.** see Ye M. 6249
- Mann J.** see Barbosa L. C. A. 11297
- Mannino A.** see Hart D. J. 3841
- Mansell H. L.** Synthetic approaches to anatoxin-a 6025
- Mansell H. L.** see Barbosa L. C. A. 11297
- Mansilla H.** see Afonso M. M. 11827
- Manz B. and Maas G.** Synthesis of 5-alkylidene-4,5-dihydro-3*H*-1,2,4(λ^3)-diazaphospholes from α -silyl- α -diazoketones and phosphaalkenes 10053
- Maran U.** see Karelson M. 11325
- Marcantoni E.** see Ballini R. 10705
- Marchand A. P. Chong H.-S. Shukla R. Sharma G. V. M. Kumar K. A. Zope U. R. and Bott S. G.** Acid and base promoted rearrangements of hexacyclo[11.2.1.0^{2,6}]hexadeca-6,8-diene-4,11-dione 13531
- Marchand A. P. Vidyanand D. Liu Z. Kumar K. A. Zaragoza F. Talaifuse L. K. Bott S. G. Watson W. H. Kashyap R. P. Ammon H. L. and Du Z.** Synthesis, characterization and crystal density modeling of polycarbocyclic oxiranes 9703
- Marchand A. P. Wang Y. Ren C. Vidyasagar V. and Wang D.** On the mechanism of acid promoted ring opening of a pentacyclo-[5.4.0.0^{2,6}.0^{3,10}.0^{5,9}]undecane -spiroannulated oxetane 6063
- Marchand A. P. Xing D. and Bott S. G.** Synthesis of (*Z*)- and (*E*)-1,2-di(1-adamantyl)ethene and their respective reactions with dichlorocarbene 825
- Marchand A. P.** see Bartsch R. A. 8979
- Marchand E.** see Morel G. 10095
- Marchand-Brynaert J. Bouchet M. Touillaux R. Beauve C. and Fastrez J.** Design and synthesis of a bifunctional label for selection of β -lactamase displayed on filamentous bacteriophage by catalytic activity 5591
- Marchese G.** see Babudri F. 13513
- Marchesini A.** see Beccalli E. M. 3029
- Marchionni C.** see Bernardi A. 3497
- Marchioro C.** see Donati D. 9901
- Marchioro C.** see Padova A. 263
- Marçot B.** see Ducrot P. 6699
- Marczyk J.** see Gawronski J. 13201
- Marek I.** see Brasseur D. 7235
- Margineanu F.** see Vlassa M. 1337
- Mariano P. S.** see Khim S.-K. 3195
- Marinelli F. R. Arunachalam T. Diamantidis G. Emswiler J.** Ring-closing olefin metathesis for the synthesis of fused nitrogen heterocycles 7251
- Fan H. Neubeck R. Pillai K. M. R. Wagler T. R. Chen C.-K. Natalie K. Soundararajan N. and Ranganathan R. S.** Heterocyclic nonionic X-ray contrast agents—V. A facile conversion of 2-tetrahydro-furoamides into α -hydroxy- δ -valerolactams and a general synthesis of lactams conjugated to 2,4,6-triodoisophthalimides 11177
- Marinelli F.** see Arcadi A. 6983
- Marinelli F.** see Cacchi S. 10225
- Marini F.** see Tiecco M. 11841
- Marino, Jr J. P.** see Miah S. 2489
- Märkl G. Hafner M. Kreitmeier P. Burgemeister T. Kastner F. Porsch M. and Daub J.** Tetraoxa[24]porphyrinogen(4,0.4.0)/tetraoxa[22]porphyrin(4,0.4.0) dication. A further isomer of the aromatic 22 π -tetraoxaporphyrins 1981
- Märkl G. Knott Th. P. Kreitmeier** Burgemeister Th. and Kastner F. Zur Molekulärdynamik isomerer antiaromatischer [28]Tetraoxaporphyrinogene(6.0.6.0)—isomere [26]Tetraoxaporphyrin(6.0.6.0) dikationen 11763
- Maronati A.** see Citterio A. 13227
- Marques D. G.** see Baldwin J. E. 2515
- Marques D. G.** see Baldwin J. E. 2537
- Marquet J.** see Cervera M. 2557
- Marquet J.** see Moreno-Mañas M. 3377
- Marra A.** see Dondoni A. 3057
- Marrosu G.** see Carloni P. 11257
- Marsh A.** see Clasby M. C. 4769
- Martelli G.** see Cainelli G. 1685
- Martens T.** see Billon-Souquet F. 15127
- Martín A.** see Valenciano J. 11349
- Martín C. A.** see Martínez A. G. 7973
- Martín M.** see Raposo C. 12323
- Martin M.-T.** see Dumontet V. 6931
- Martin M. V.** see Alguacil R. 3457
- Martin S. F. Chen H.-J. Courtney A. K. Liao Y. Pätzl M. Ramsler M. N. and Wagman A. S.** Ring-closing olefin metathesis for the synthesis of fused nitrogen heterocycles 7251

- Martin S. F. Dodge J. A.**
Burgess L. E. Limberakis C.
and Hartmann M.
 Novel approach to the
 ansamycin antibiotics
 macbecin I and herbimycin A.
 A formal total synthesis of (+)-
 macbecin I 3229
- Martín X.** see Cervera M. 2557
- Martín-Martínez M. Herranz R.**
García-López M^a T. and
González-Muñiz R.
 Bicyclic lactams as templates
 for peptidomimetics. Studies
 on stereo-selective synthetic
 routes to 6-oxoperhydro-
 pyrrolo[1,2-a]pyrazines 13991
- Martínez A. G.**
Fernández A. H.
Moreno Jiménez F.
Martínez P. J. M.
Martín C. A. and
Subramanian L. R.
 New procedures for the
 synthesis of heterocyclic
 substituted and 2,4-
 difunctionalized pyrimidines
 7973
- Martínez E.** see Ciavatta M. L.
 12831
- Martínez P. J. M.** see Martínez
 A. G. 7973
- Martínez R. L.** see Sebesta D.
 P. 14385
- Martínez-Merino V. García J. I.**
Mayoral J. A. Gil M. J.
Zabalza J. M. Fayet J. P.
Vertut M. C. Carpy A. and
González A.
 Molecular modelling of the
 isothiazolo[5,4-*b*]pyridin-
 3(2H)-one derivatives 8947
- Martini O.** see Annunziata R.
 2583
- Marton J. Szabó Z.**
Csorvássy I. Simon C.
Hosztafi S. and Makleit S.
 Reaction of morphinan-6,8-
 dienes with azadienophiles
 2449
- Marty M. Stoeckli-Evans H.**
and Neier R.
 Diastereoselective synthesis
 of (1*S*,2*S*,3*R*,6*S*) 3-chloro-3-
 methyl-6-isopropenyl-1,2-
 cyclohexanediol via Prins
 reaction induced by zinc and
 trimethylsilyl chloride 4645
- Maruta M.** see Mikami K. 85
- Marzorati E.** see Tavecchia P.
 8763
- Masaki H.** see Iwasawa Y.
 13881
- Masi E.** see Bonini B. F. 3553
- Masiero S.** see Bonini B. F.
 3553
- Masson S.** see Gulea-
 Purcarescu M. 2075
- Masuda A.** see Kakefuda A.
 2863
- Masuda T.** see Iwagawa T.
 13121
- Mateo M. E.** see Rigby J. H.
 10569
- Matheu M^a I. Echarri R.**
Domènech C. and
Castillón S.
 2-Alkoxy-2-fluoro-glycosyl
 fluorides as 1,2-dielectrophilic
 synthons for the synthesis of
 naphtho- and benzo-
 dihydrofuran derivatives 7797
- Matsubara Y.** see Fujimoto K.
 3889
- Matsuda A.** see Kakefuda A.
 2863
- Matsuda F.** see Morimoto Y.
 10609
- Matsuda H. Okino T.**
Murakami M. and
Yamaguchi K.
 Aeruginosins 102-A and B,
 new thrombin inhibitors from
 the cyanobacterium
Microcystis viridis (NIES-102)
 14501
- Matsuda H.** see Ishida K. 9025
- Matsuda H.** see Shin H. J.
 13129
- Matsuda H.** see Shin H. J. 8159
- Matsuda M.** see Fushiya S. 877
- Matsukawa S.** see Mikami K.
 85
- Matsumori Y.** see Maezaki N.
 6527
- Matsumoto K.** see Yokomatsu
 T. 11725
- Matsumoto M.** see Nakajima N.
 1177
- Matsumoto T. Aoyama T.** and
Shioiri T.
 Reaction pathway for
 epimerization of tilivalline
 13521
- Matsumoto T. Shioiri T.** and
Osawa E.
 Corrigenda 7807
- Matsumoto T. Shioiri T.** and
Osawa E.
 Computational studies of
 effective asymmetric
 alkylation utilizing a chiral
 Schiff base derived from 2-
 hydroxy-3-pinanone—I 5961
- Matsumoto T. Shioiri T.** and
Osawa E.
 Computational studies of
 effective asymmetric
 alkylation utilizing a chiral
 Schiff base derived from 2-
 hydroxy-3-pinanone—II 5971
- Matsumoto Y. Mita K.**
Hashimoto K. Ito H. and
Tokoroyama T.
 Selective cleavage of ethers
 using silica-alumina gel
 catalysts prepared by the
 sol-gel method 9387
- Matsunaga H.** see Saito S.
 13919
- Matsuura T.** see Ding K. 1005
- Mattay J.** see Averdung J. 5407
- Mattay J.** see Torres-Garcia G.
 5421
- Mattern R.-H. Gunasekera S.**
and McConnell O.
 Corrigendum 3767
- Matthews D. P.** see McCarthy J.
 R. 45
- Mattia C. A.** see Ciavatta M. L.
 12831
- Maumy M.** see Viallon L. 13605
- Maumy M.** see Viallon L. 7841
- Mauriello G.** see D'Auria M.
 14253
- Mävers U. Berruex F.** and
Schlosser M.
 3-Fluoro-2-quinolones from
 anilines 3223
- Mavunkel B. J.** see
 Abramovitch R. A. 3339
- Maxwell J. R.** see Harradine P.
 J. 13427
- Maycock C. D.** see Barros M. T.
 7861
- Mayer-Figge H.** see Kranz A.
 14827
- Mayollo J.** see Kräutler B.
 5033
- Mayoral J. A.** see Fraile J. M.
 9853
- Mayoral J. A.** see Martínez-
 Merino V. 8947
- Mayargue J.** see Ducrot P.
 6699
- Mazik M. Boese R.** and
Sustmann R.
 Reaction of 1,2-diketones with
N,N-dimethylcyanamide in the
 presence of titanium(IV)
 chloride 3939
- Mazurier A.** see Micouin L.
 7719
- Mazzanti G.** see Bonini B. F.
 3553
- Mazzanti G.** see Bonini B. F.
 4803
- Mazzarella F.** see Rossi R.
 4095
- Mazzola E. P. Turujman S. A.**
Bell S. J. Barrows J. N.
Bailey, Jr J. E.
Mouchahoir E. G.
Prescott S. Archer M. D.
Oliver M. Reynolds W. F.
and Nielsen K. W.
 Nuclear magnetic resonance
 investigations of
 azo-hydrazone, acid-base
 equilibria of FD&C Yellow No.
 6 5691
- McAleer J. F.** see Dawson J. R.
 1361
- McAleer J. F.** see Dory Y. L.
 1343
- McAleer J. F.** see Dory Y. L.
 1379
- McAlonan H. Murphy J. P.**
Stevenson P. J. and
Treacy A. B.
 Oxidation of *N*-(4-
 methoxybenzyl)-2-
 pyrrolidinones to *N*-(4-
 methoxybenzoyl)-2-
 pyrrolidinones. Rapid entry to
 optically active aniracetam
 analogues 12521

- McAlpine J. B.** **Mitscher L. A.**
Jackson M.
Rasmussen R. R.
Vander Velde D. and Veliz E.
 The biosynthesis of coloradolacin 10327
- McAuliffe C. A.** see Beagley B. 10193
- McCarthy J. R.** **Huber E. W.**
Le T.-B. **Laskovics F. M.**
 and **Matthews D. P.**
 Stereospecific synthesis of 1-fluoro olefins via (fluorovinyl)stannanes and an unequivocal NMR method for the assignment of fluoro olefin geometry 45
- McClelland R. A.**
 Flash photolysis generation and reactivities of carbennium ions and nitrenium ions 6823
- McConnell D. B.** see Black D. StC. 8925
- McConnell O.** see Mattern R.-H. 3767
- McEldoon W. L.** and
Wiemer D. F.
 Synthesis of nucleoside epoxyphosphonates 11695
- McGee D. P. C.** see Sebesta D. P. 14385
- McKinnell D.** **Basnak I.**
Hamor T. A. **Spencer N.**
Ashton P. R. and
Walker R. T.
 The synthesis, structure and properties of a 1,2-dihydropyrimidin-2-one formed by UV irradiation of 5-*t*-butyl-1-methyluracil 10159
- McLaughlin J. L.** see Alfonso D. 4215
- McLean S.** see Mootoo B. S. 9953
- McMinn D. L.** and
Greenberg M. M.
 Novel solid phase synthesis supports for the preparation of oligonucleotides containing 3'-alkyl amines 3827
- McNab H.** and **Withell K.**
 Synthesis of 2-substituted 1,3-oxazin-6-ones by gas-phase pyrolysis 3163
- McNaughton-Smith G. A.** and
Taylor R. J. K.
 The preparation of 9-substituted Δ^5 -octenolides: synthesis of 8-deoxy-pseudoascidiatrienolide C 2113
- Mc Nelis E.** see Herault X. 10267
- Medaer B. P.** **Van Aken K. J.** and **Hoornaert G. J.**
 Synthesis of new 1*H*-tetrazoles and 1,2,3-triazoles via reactions of 3,(5)-(di)chloro-2*H*-1,4-(benz)oxazin-2-ones with sodium azide or diazocompounds 8813
- Medarde M.** see Beyer L. 6233
- Medici A.** see Fantin G. 3547
- Medici A.** see Fantin G. 9535
- Medici A.** see Giovannini P. P. 1669
- Meduna V.** see Oberhauser T. 7691
- Meetsma A.** see Rispens M. T. 3521
- Meeuwenoord N. J.** see Wijkmans J. C. H. M. 2103
- Meiffre P.** **Gauzy L.**
Branquet E. **Durand P.** and
Le Goffic F.
 Synthesis of optically active β,γ -alkynylglycine derivatives 11215
- Meier M. S.** and **Poplawska M.**
 The addition of nitrile oxides to C₆₀ 5043
- Meille V.** **Schulz E.**
Lemaire M. **Faure R.** and
Vrinat M.
 An efficient synthesis of pure 4,6-dimethyl dibenzothiophene 3953
- Meinwald J.** see Rossi F. M. 10279
- Meinwald J.** see Shi X. 6859
- Melé E.** see Calcagno M.-P. 10137
- Melguizo M.** see Cobo J. 13721
- Melguizo M.** see Cobo J. 5845
- Mella M.** **Freccero M.** and
Albini A.
 The photochemical approach to the functionalization of open-chain and cyclic alkanes—I. Single electron transfer oxidation 5533
- Mella M.** **Freccero M.** and
Albini A.
 The photochemical approach to the functionalization of open-chain and cyclic alkanes—II. Hydrogen abstraction 5549
- Mella M.** see Desimoni G. 13649
- Mella M.** see Fagnoni M. 1785
- Mellor J. M.** see Dawson J. R. 1361
- Mellor J. M.** see Dory Y. L. 1343
- Mellor J. M.** see Dory Y. L. 1379
- Melnik P. C.** see Pop I. E. 12209
- Mencarelli P.** see Doddi G. 3509
- Mendoza J.** see Bauta W. E. 14081
- Mendoza J.** see Magnus P. 14103
- Mendozza M.** see Fronza G. 4041
- Menéndez J. C.** see Blanco M^a M. 5933
- Menezes P. H.** see Comasseto J. V. 9687
- Menicagli R.** and **Samaritani S.**
 1,4-Conjugate addition of the Reformatsky reagent to α -nitrostyrenes: a new synthesis of γ -nitroesters 1425
- Menichetti S.** see Capozzi G. 12233
- Menichetti S.** see Capozzi G. 12247
- Mercadier J.-L.** see Cavelier F. 6173
- Merchán F. L.** see Junquera F. 7045
- Merchán F. L.** see Junquera F. 7807
- Merino M.** see López-Pérez J. L. 4903
- Merino P.** see Junquera F. 7045
- Merino P.** see Junquera F. 7807
- Mero C. L.** see Porter N. A. 4181
- Mérour J. Y.** see Desarbre E. 2983
- Merrett M. C.** see Easton C. J. 7025
- Merriman G. H.** see Hart D. J. 14437
- Mesaros E.** see Grosu I. 12783
- Messeguer A.** see Lluch A.-M. 3973
- Messina F.** see Reginato G. 10985
- Messmer A.** see Kotschy A. 1399
- Mestres R.** see Domingo L. R. 11105
- Mestres R.** see Gaviña P. 4911
- Metzger P.** see Huang Y. 6973
- Meudal H.** see Liu W.-Q. 4411
- Mévellec L.** **Evers M.** and
Huet F.
 High selectivities in electrophilic additions to cyclobutene compounds 15103
- Meyer F. E.** see Ang K. H. 11503
- Meyer F. E.** see Henniges H. 11545
- Meyer O.** see Enders D. 2909
- Mezzetti M.** see Saladino R. 6759
- Miah S.** **Slawin A. M. Z.**
Moody C. J. **Sheehan S. M.**
Marino, Jr J. P.
Semones M. A. **Padwa A.** and **Richards I. C.**
 Ligand effects in the rhodium(II) catalysed reactions of diazoamides and diazoimides 2489
- Michael J. P.** and
Parsons A. S.
 Chemoselective reactions of vinyllogous amides, and the synthesis of two *Peripentadenia* alkaloids 2199
- Michel D.** and **Schlosser M.**
 α -Fluorocarbonyl compounds by isomerization of 2-fluorooxiranes 2429
- Michel D.** see Schlosser M. 8257
- Michel D.** see Schlosser M. 99
- Micouin L.** **Bonin M.**
Cherrier M.-P. **Mazurier A.**

- Tomas A. Quirion J.-C. and Husson H.-P.**
Asymmetric synthesis—XXXIX. Synthesis of 3-substituted piperidin-2-ones from chiral non-racemic lactams 7719
- Mihailovic M. Lj.**
Rajkovic M. M. Lorenc Lj. B.
Pavlovic V. D.
Milovanovic A. Ž. Tinant B.
and Declercq J.-P.
Structure-reactivity relationship in 19-methyl- and 19-nor-5,10-seco steroids—IV. Intramolecular nitrone 1,3-dipolar cycloadditions 11995
- Miikki L.** see Louasmaa M. 9925
- Mikami K. Yajima T.**
Takasaki T. Matsukawa S.
Terada M. Uchimaru T. and **Maruta M.**
Asymmetric catalysis of carbonyl-ene and aldol reactions with fluoral by chiral binaphthol-derived titanium complex 85
- Mikami K. and Shimizu M.**
Prins cyclization to tetrahydrofuran units of polyether antibiotics: remarkable siloxy effect for stereocontrolled cyclization 7287
- Mikami Y.** see Shigemori H. 9031
- Mikamiyama H.** see Tanaka T. 4257
- Mikata Y.** see Murafuji T. 13933
- Miki S. Ito J. Noda R.**
Nishijima N. and **Fukunishi K.**
Synthesis of 1,2,3-tri-*t*-butyl-6,13- and 8,9,10-tri-*t*-butyl-5,14-pentacenequinones and their photochromic behaviors: new photochromic molecules 4269
- Miki S.** see Tsubuki M. 14515
- Milenkovic A.** see Fache F. 9777
- Milgrom L. R.**
Dempsey P. J. F. and **Yahiroglu G.**
5,10,15,20-Tetrakis(N-protected-imidazol-2-yl)porphyrins 9877
- Miller M. J.** see Ghosh M. 4225
- Miller M. L. and Ray P. S.**
An intramolecular 1,3-dipolar cycloaddition approach to a pyrimidoazepine derivative. A potentially useful intermediate towards the synthesis of pyrimidoazepine based folic acid derivatives 5739
- Miloudi A. El Abed D.**
Pons J.-M. and Santelli M.
Synthesis of indenone by self-condensation of 1-acetyl-2-methylcyclopentene and subsequent unusual autoxidation 9785
- Milovanovic A. Ž.** see Mihailovic M. Lj. 11995
- Mima H.** see Fujihara H. 10375
- Mima H.** see Fujihara H. 13951
- Minale L.** see D'Auria M. V. 9589
- Minale L.** see Iorizzi M. 10997
- Minato T. Yamabe S.**
Hasegawa T. and **Machiguchi T.**
Why are the troponoid rings of the mesylate and tosylate of tropone oxime cleaved easily by nucleophiles? 8439
- Mincione E.** see Saladino R. 6759
- Minkin V. I.** see Sadekov I. D. 3365
- Minto F.** see Fantin G. 9535
- Miralles J.** see Roussis V. 2735
- Miranda M. A.** see Fornés V. 7755
- Miranda M. A.** see Gaviña P. 4911
- Miravittles C.** see Villar J. M. 10525
- Mirkin C. A.** and **Caldwell W. B.**
Thin film, fullerene-based materials 5113
- Mironé L.** see Arduini A. 6011
- Mishchenko N. I.** see Van Meervelt L. 8835
- Mita K.** see Matsumoto Y. 9387
- Mitscher L. A.** see McAlpine J. B. 10327
- Miyabe H.** see Miyashita K. 12125
- Miyamoto T. Sakamoto K.**
Arai K. Komori T.
Higuchi R. and **Sasaki T.**
Dorisenes, cytotoxic spongin diterpenoids, from the nudibranch *Chromodoris obsoleta* 8187
- Miyasaka T.** see Haraguchi K. 9469
- Miyashita K. Miyabe H.**
Kurozumi C. **Tai K.** and **Imanishi T.**
α-Alkylation of α-amino esters by using a pyridoxal model compound having a Li⁺-ionophore character 12125
- Miyata J.** see Nemoto H. 10363
- Miyata S.** see Tamiaki H. 12421
- Miyauchi M.** see Gharagozloo P. 10185
- Miyaura N.** see Kato N. 13347
- Miyaura N.** see Sakai M. 915
- Miyoshi I.** see Sato H. 8143
- Mizhiritskii M. D.**
Konstantinovskii L. E. and **Vishkautsan R.**
2D NMR study of solution conformations and complete ¹H and ¹³C chemical shifts assignments of vitamin D metabolites and analogs 1239
- Mizukoshi T.** see Noguchi M. 13081
- Mizukoshi T.** see Noguchi M. 13097
- Mizukoshi T.** see Noguchi M. 13111
- Mizuno T.** see Fujimoto K. 3889
- Mizuno T.** see Takeuchi M. 1195
- Mobbili G.** see Galeazzi R. 1069
- Mogck O. Böhmer V.** and **Vogt W.**
Hydrogen bonded homo- and heterodimers of tetra urea derivatives of calix[4]arenes 8489
- Mohanta P. K.** see Yadav K. M. 14049
- Moïse C.** see Szymoniak J. 4377
- Mojarrad F.** see Fornés V. 7755
- Mojovic L. Turck A. Plé N.**
Dorsy M. Ndzi B. and **Quéguiner G.**
Metalation of diazines—XVII. Very hindered bases as new metalating agents; improvement of regioselectivity for the metalation of 3-chloro-6-methoxypyridazine 10417
- Mok K. F.** see Lai Y.-H. 4673
- Moldvai I.** see Szántay C. 11053
- Molina P. Alcántara J.** and **López-Leonardo C.**
Regiospecific preparation of γ-carbolines and pyrimido[3,4-*a*]indole derivatives by intramolecular ring-closure of heterocumulene-substituted indoles 5833
- Molina P. Aller E. Lorenzo A.**
Foces-Foces C. and **Llamas Saiz A. L.**
An anomalous intramolecular conjugate addition of N-protected imidazoles to vinyliminophosphoranes promoted by tetrabutylammonium fluoride. X-Ray crystal structure of 5-ethoxycarbonyl-5-(triphenylphosphoranylidene-amino)-5,6-dihydro-imidazo[2,1-*b*]isoquinoline 13671
- Molina P. López-Leonardo C.**
Llámas-Botía J.
Foces-Foces C. and **Fernández-Castaño C.**
Unexpected Staudinger reaction of α-azidoacetonitriles α-phenyl substituted with triphenylphosphine. Preparation, X-ray crystal and molecular structures of a phosphazine, an aminophosphonium carbanion salt and a phosphazide, with (*Z*)-configuration 9629

- Moliner V.** see Domingo L. R. 10693
- Molins E.** see Moreno-Mañas M. 2269
- Molins E.** see Villar J. M. 10525
- Molinski T. F.** see Shafer C. M. 14475
- Møller B. S.** Benneche T. and Undheim K. Palladium catalysis in bridge-forming reactions between stereoselectively substituted glycine auxiliaries 8807
- Moloney M. G.** see Beard M. J. 3719
- Molteni V.** see Annunziata R. 2573
- Molteni V.** see Annunziata R. 2583
- Money T. and Wong M. K. C.** A formal, enantiospecific synthesis of pseudoguaianolides 6307
- Money T.** see Ferguson C. G. 14661
- Monneret C.** see Bertounesque E. 14235
- Monneret C.** see Janin Y. L. 15157
- Monrabal E.** see Costero A. M. 12499
- Montanari A. M.** Fenical W. Lindquist N. Lee A. Y. and Clardy J. Volutamides A–E, halogenated alkaloids with antifeedant properties from the Atlantic bryozoan *Amathia convoluta* 5371
- Montanari F.** see Pozzi G. 11879
- Monteiro H. J.** and Zukerman-Schpector J. A new practical synthesis of (+)-grandisol from (+)-citronellol using an intramolecular carbonyl cyclization 3879
- Montero J.-L.** see Dewynter G. 14217
- Montero J.-L.** see Dewynter G. 993
- Montevecchi P. C.** see Barbieri A. 13255
- Monti H.** Audran G. Feraud M. Monti J.-P. and Léandri G. Chemo- and regioselectivity in the Lewis acid-induced reaction of sterically unhindered isocyclic allylsilanes with 3-butyn-2-one 6685
- Monti J.-P.** see Monti H. 6685
- Moody C. J.** see Miah S. 2489
- Moore A. J.** see Garin J. 11063
- Moore D. J.** see Coulter C. V. 7127
- Mootoo B. S.** Ramsewak R. Sharma R. Tinto W. F. Lough A. J. McLean S. Reynolds W. F. Yang J.-P. and Yu M. Further briareolate esters and briareolides from the Caribbean gorgonian octocoral *Briareum asbestinum* 9953
- Morales-Ríos M. S.** Bucio M. A. and Joseph-Nathan P. Formal synthesis of (\pm)-physostigmine 5339
- Morán J. R.** see Raposo C. 12323
- Mordini A.** see Reginato G. 10985
- More K. M.** see Abramovitch R. A. 3339
- Moreira M. J.** see Quintela J. M. 3037
- Morel G.** Marchand E. Pradère J.-P. Toupet L. and Sinbandhit S. 2-Aza-1,3-dienes with electron-releasing substituents at the 1,3 positions. Reagents for the construction of pyridine and pyrimidine derivatives 10095
- Morelli C. F.** see Barco A. 9275
- Moreno A.** see Diaz-Ortiz A. 9237
- Moreno Jiménez F.** see Martinez A. G. 7973
- Moreno-Mañas M.** Marquet J. and Vallribera A. Transformations of β -dicarbonyl compounds by reactions of their transition metal complexes with carbon and oxygen electrophiles 3377
- Moreno-Mañas M.** Sebastián R. M. Vallribera A. and Molins E. Corrigendum 2269
- Moreno-Mañas M.** see Gálvez N. 1609
- Moreno-Mañas M.** see Goux C. 9521
- Moreno-Mañas M.** see López A. 8365
- Moretó J. M.** see Villar J. M. 10525
- Mori K.** see Watanabe H. 13939
- Mori M.** see Sato H. 8143
- Morimoto Y.** Matsuda F. and Shirahama H. Synthetic studies on virantmycin—I. Total synthesis of (\pm)-virantmycin and determination of its relative stereochemistry 10609
- Morimoto Y.** and Shirahama H. Synthetic studies on virantmycin—II. Total synthesis of unnatural (+)-virantmycin and determination of its absolute stereochemistry 10631
- Morisaki M.** see Morisaki N. 9017
- Morisaki N.** Inoue K. Kobayashi H. Shirai R. Morisaki M. and Iwasaki S. Coordination of alkali metal cation to oxygen functions to form adduct ion in fast atom bombardment mass spectrometry 9017
- Morishima H.** see Ohkubo M. 8099
- Morisson V.** see Garin J. 11063
- Morita H.** Kayashita T. Shishido A. Takeya K. Itokawa H. and Shiro M. Dichotomins A–E, new cyclic peptides from *Stellaria dichotoma* L. var. *Janceolata* Bge. 1165
- Morita H.** Yoshida N. Takeya K. Itokawa H. and Shirota O. Configurational and conformational analyses of a cyclic octapeptide, lyciumin A, from *Lycium chinense* Mill. 2795
- Morita H.** see Kamano Y. 2369
- Moritomo H.** see Lee M. 8169
- Moro L.** see Cacchi S. 10225
- Morrall J.** see Camps P. 5867
- Morse D. I.** see Shafer C. M. 14475
- Mortier J.** see Moyroud J. 8525
- Morwick T. M.** see Paquette L. A. 3075
- Morzycki J. W.** and Wilczewska A. Z. Reactions of 4-azacholest-5-en-3-one, 6-azacholest-4-en-7-one, and their N-methyl derivatives with electrophilic reagents 14057
- Moskowitz H.** see Ducrot P. 6699
- Mossman C. J.** and Aubé J. Intramolecular Schmidt reactions of alkyl azides with ketals and enol ethers 3403
- Motherwell W. B.** see Batey R. A. 11421
- Motherwell W. B.** see Corlay H. 4883
- Motherwell W. B.** see Caddick S. 149
- Motohashi Y.** see Torisawa Y. 10597
- Motoyama K.** see Murata Y. 5077
- Mott A. W.** see Bowman W. R. 3961
- Mouchahoir E. G.** see Mazzola E. P. 5691
- Mougenot P.** see Zhao N. 2777
- Moujir L.** see González A. G. 9597
- Mouri R.** see Murafuji T. 13933
- Moyano A.** see Castejón P. 7063
- Moyano A.** see Tormo J. 14021
- Moyroud J.** Gelin J. Chêne A. et Mortier J. Synthèse d'analogue structuraux de thaxtomines, phytotoxines responsables de

- la gale de la pomme de terre 8525
- Mozzetti C.** see Botta M. 10205
- Muathen H. A.**
Mild chlorination of aromatic compounds with tin(IV) chloride and lead tetraacetate 8863
- Muchall H. M. Kowski K.**
Rademacher P. Fuss A.
Neuberger R. Quast H.
Komnick P. and Sander W.
Electronic structure and gas-phase thermolysis of 4-substituted 3,3,5,5-tetramethyl-3,5-dihydro-4H-pyrazoles studied by photoelectron spectroscopy. First evidence for an alkylideneselenirane 1965
- Mück-Lichtenfeld C.** and Ahlbrecht H.
On the reason for opposite diastereoselectivities of benzyllithium compounds containing lithium amide and lithium alkoxide functionalities 10025
- Mujica M. T. Afonso M. M.**
Galindo A. and
Palenzuela J. A.
Hetero Diels–Alder versus Mukaiyama aldol pathways in the reaction of monoactivated dienes and aldehydes. A Lewis acid study 2167
- Mukai C.** Hirai S. Kim I. J.
Kido M. and Hanaoka M.
Studies on total syntheses of antitumor styryllactones: stereoselective total syntheses of (+)-goniofufurone, (+)-goniobutenolide A, and (-)-goniobutenolide B 6547
- Mukai H.** see Yamago S. 5091
- Muldoon C. A.** see Edwards G. L. 7779
- Müllen K.** see Gügel A. 5007
- Müller D.** see Kranz A. 14827
- Müller D.** see Staroske T. 12723
- Müller M.** see Tschanter T. 6201
- Müller P.** Baud C. and Jacquier Y.
A method for rhodium(II)-catalyzed aziridination of olefins 1543
- Müller-Fahrnow A.** see Cleve A. 1529
- Münich I.** see Hoffmann H. M. R. 11783
- Münich I.** see Nowitzki O. 11799
- Munyaniza A.** see Baccolini G. 13695
- Muñoz A.** see Abarca B. 10519
- Muñoz-Guerra S.** see Alemán C. 8275
- Muñoz-Torrero D.** see Camps P. 5867
- Muñoz Dorado M.** see Arseniyadis S. 12443
- Muñoz Dorado M.** see Arseniyadis S. 6215
- Murafuji T.** Mouri R.
Sugihara Y. Takakura K.
Mikata Y. and Yano S.
Structure of diethyl(2-pyridyl)boranes: rigid cyclic dimers 13933
- Murai A.** see Oka T. 12091
- Murai A.** see Ye B. 6361
- Murai T.** Kakami K. Itoh N.
Kanda T. and Kato S.
Stereoselective generation and trapping of lithium eneselenolates leading to ketene selenothioacetals and selenothioesters 2839
- Murakami M.** see Ishida K. 9025
- Murakami M.** see Matsuda H. 14501
- Murakami M.** see Shin H. J. 13129
- Murakami M.** see Shin H. J. 8159
- Murakata M.** Yamada K. and Hoshino O.
Oxidative cyclisation of *o*-phenolic oxime-acid derivatives using phenyliodonium diacetate: synthesis of spiroisoxazoline derivatives 14713
- Murata Y.** Motoyama K.
Komatsu K. and Wan T. S. M.
Synthesis, properties, and reactions of a stable carbanion derived from alkynylidihydrofullerene: 1-octynyl-C₆₀ carbanion 5077
- Murphy J. P.** see McAlonan H. 12521
- Murphy P. J.** Williams H. L.
Hibbs D. E.
Hursthause M. B. and Malik K. M. A.
Biomimetic model studies towards ptilomycalin A 8315
- Murray A.** Proctor G. R. and Murray P. J.
An efficient route to the pyrrolizidine ring system via an *N*-acyl anion cyclisation process 3757
- Murray M.** see Huang Y. 6973
- Murray P. J.** see Murray A. 3757
- Murugesh M. G.** Subburaj K. and Trivedi G. K.
Regioselective synthesis of substituted pterocarpans and pterocarpenes. Lewis acid Ti(IV) promoted formal (3 + 2) cycloaddition reactions 2217
- Mussons M^o L.** see Raposo C. 12323
- Nabeta Y.** see Yamamoto G. 12409
- Nacci A.** see Caló V. 10799
- Nacci A.** see Caló V. 2155
- Nacci A.** see Ciminale F. 13971
- Nacci V.** see Garofalo A. 7745
- Nacro K.** Baltas M.
Escudier J.-M. and Gorrichon L.
Enhanced diastereoselectivity in the addition of ester enolate to optically active α,β -epoxyaldehydes obtained from nerol and geraniol 9047
- Nagano M.** see Sakamoto M. 733
- Nagarajan M.** see Vasudeva P. K. 1747
- Nagarajan M.** see Vasudeva P. K. 5607
- Nagase S.** see Akasaki T. 5015
- Nagashima H.** Saito M.
Kato Y. Goto H. Osawa E.
Haga M. and Itoh K.
Electronic structures and redox properties of silylmethylated C₆₀ 5053
- Nagata K.** Itoh T. Okada M. and Ohsawa A.
The reaction of benzimidazolium derivatives with superoxide 6569
- Nair V.** and Kumar S.
[4π + 2π]Cycloaddition reactions of *o*-benzoquinones with symmetrical 6,6-dialkyl and cycloalkylfulvenes: formation of bicyclo[2.2.2]octene diones and cyclopenta[b][1,4]benzodioxins. Some novel observations 4029
- Nair V.** see Jeon G. S. 12643
- Nair V.** see Thomas A. 2481
- Nájera C.** see Bonete P. 4111
- Nájera C.** see Caturla F. 15243
- Nájera C.** see Chinchilla R. 1035
- Nakada M.** see Shimizu S. 13363
- Nakagawa K.** see Hirota K. 9971
- Nakagawa M.** see Torisawa Y. 10597
- Nakagawa S.** see Noguchi M. 13111
- Nakahiro H.** see Ohno T. 1943
- Nakai K.** see Ibuka T. 11739
- Nakai Y.** see Fukase K. 3897
- Nakajima N.** Matsumoto M.
Kirihara M. Hashimoto M.
Katoh T. and Terashima S.
Novel synthesis of (+)-hydantocidin based on the plausible biosynthetic pathway 1177
- Nakamoto M.** see Takagi T. 12667
- Nakamura E.** see Yamago S. 5091
- Nakamura H.** see Ye B. 6361
- Nakamura K.** see Arimoto H. 13901
- Nakamura K.** see Okuno T. 14723

- Nakamura O.** see Noguchi M. 6581
- Nakamura S.** see Shimizu S. 13363
- Nakamura T.** see Kobayashi J. 6355
- Nakanishi K.** see Rele D. 2759
- Nakanishi K.** see Zhao N. 2777
- Nakano S.** see Todoroki Y. 8081
- Nakao K.** see Yamada M. 5751
- Nakao Y.** see Suzuki T. 4973
- Nakao Y.** see Szabo C. M. 9681
- Nakashima K.** see Tori M. 6339
- Nakashima M.** see Takeuchi M. 1195
- Nakatani K.** **Okamoto A.** and **Saito I.** 6-*endo*- and 5-*exo*-digonal cyclizations of α -hydroxyphenyl ethynyl ketones: a key step for highly selective benzopyranone formation 9427
- Nakatani M.** see Iwagawa T. 13121
- Namwindwa E. S.** see Page P. C. B. 2125
- Namy J.-L.** see Hamann B. 14225
- Nangia A.** and **Prasuna G.** Studies on Horner–Wadsworth–Emmons reaction in base sensitive ketones: synthesis of (–)-mitsugashivalactone and formal synthesis of (+)-iridomyrmecin, (–)-isoiridomyrmecin and (+)-teucriumlactone 3435
- Nanni D.** see Barbieri A. 13255
- Napieraj A.** see Zwierzak A. 8789
- Napolitano A.** **Pezzella A.** **d'Ischia M.** and **Prota G.** New pyrrole acids by oxidative degradation of eumelanins with hydrogen peroxide. Further hints to the mechanism of pigment breakdown 8775
- Napolitano A.** see Pezzella A. 7913
- Nardello V.** **Azaroual N.** **Cervoise I.** **Vermeersch G.** and **Aubry J.-M.** Synthesis and photooxidation of sodium 1,3-cyclohexadiene-1,4-dithioate: a new colorless and water-soluble trap of singlet oxygen 2031
- Narisano E.** see Guanti G. 12631
- Naruse Y.** see Hanaki N. 7297
- Natalie K.** see Marinelli E. R. 11177
- Natalini B.** see Donati D. 9901
- Nath A.** see Mandal P. 10265
- Nath A.** see Mandal P. 7855
- Nativi C.** see Capozzi G. 12233
- Nativi C.** see Capozzi G. 12247
- Navacchia M. L.** see Barbieri A. 13255
- Nazarenko K. G.** see Kovtunenko V. A. 9835
- Ndzi B.** see Mojovic L. 10417
- Nebois P.** see Cherkaoui O. 9499
- Neef G.** see Cleve A. 1529
- Neef J. M. I.** **Verweij J.** **Hirs H. G. J.** and **de Vroom E.** Cephalosporanic acid 7*B*-alkyldieneammonium salts 11905
- Negishi E.** see Copéret C. 11529
- Negri J. T.** see Paquette L. A. 3075
- Neier R.** see Franz A. 11643
- Neier R.** see Marty M. 4645
- Némák K.** *Ács M.* **Jászay Z. M.** **Kozma D.** and **Fogassy E.** Study of the diastereoisomers formed between (*N*-alkyl)-pipecolic acid-anilides and 2*R*,3*R*-tartaric acid or *O*,*O*'-dibenzoyl-2*R*,3*R*-tartaric acid. Do the tartaric acids form molecular-complexes, instead of salts during optical resolutions? 1637
- Nemeth F.** see Derrick S. D. 7679
- Németh G.** **Kapiller-Dezsöfi R.** **Lax G.** and **Simig G.** New practical synthesis of panomifene. The effect of 2-trifluoromethyl substituent on the stereoselectivity of dehydration of 1,1,2-triarylethanol. 12821
- Németh V.** see Ágai B. 6713
- Nemoto H.** **Miyata J.** and **Fukumoto K.** A novel and general route to diverse A-ring aromatic trichothecanes via cyclobutanes 10363
- Nemoto H.** **Shiraki M.** **Yamada N.** **Raku N.** and **Fukumoto K.** A sequenced radical reaction—a novel stereocontrolled route to angularly disubstituted *cis*-decalins 13339
- Nenajdenko V. G.** **Baraznenok I. L.** and **Balenkova E. S.** *N,N*-Dimethylacrylamide–triflic anhydride complex as a novel bifunctional electrophile in reaction with electron-rich aromatics 12993
- Neri D.** see Cosimelli B. 11281
- Neubeck R.** see Marinelli E. R. 11177
- Neuberger R.** see Muchall H. M. 1965
- Neumann R.** and **Juwiler D.** Oxidations with hydrogen peroxide catalysed by the [WZnMn(II)₂(ZnW₉O₃₄)₂]¹²⁻ polyoxometalate 8781
- Newton R. F.** see Jones K. 4133
- Ng M.-K.** see Chow H.-F. 4277
- Ngnokam D.** see Tane P. 14989
- Nguyen J.** see Strekowski L. 3273
- Nichols J.** **Tralka T.** **Goering B. K.** **Wilcox C. F.** and **Ganem B.** Heterocyclic routes to polysubstituted cyclopentanes: molecular modelling of electrophilic additions to di- and trisubstituted cyclopentenes 3355
- Niclas H.-J.** see Duczek W. 8733
- Nicolaides D. N.** **Awad R. W.** **Litinas K. E.** and **Malamidou-Xenikaki E.** Reactions of 7-methoxyimino-4-methylchromene-2,8-dione with phosphines. Preparation of N-substituted 7-amino-8-hydroxy-4-methyl-2*H*-[1]-benzopyran-2-ones 15007
- Nicoletti R.** see Botta M. 10205
- Nieger M.** see Pischel I. 10043
- Nielsen K. W.** see Mazzola E. P. 5691
- Nierengarten J.-F.** see Timmerman P. 4925
- Nierlich M.** see Roux M.-C. 10083
- Nieschalk J.** **Batsanov A. S.** **O'Hagan D.** and **Howard J. A. K.** Synthesis of monofluoro- and difluoro-methylene-phosphonate analogues of sn-glycerol-3-phosphate as substrates for glycerol-3-phosphate dehydrogenase and the X-ray structure of the fluoromethylenephosphonate moiety 165
- Niestroj A. J.** see Boße F. 9485
- Niethammer D.** see Szelinski H. 8497
- Nikishin K. G.** see Kislyi V. P. 10841
- Nikolova R.** see Bojilova A. 12597
- Nilsson Y. I. M.** **Gatti R. G. P.** **Andersson P. G.** and **Bäckvall J.-E.** Palladium(II)-catalyzed carbocyclization: vinylpalladium in 1,4-oxidation of conjugated dienes 7511
- Nilsson Y.** see Le Bideau F. 7487
- Nin A. P.** **de Lederkremer R. M.** and **Varela O.** Synthesis of (2*S*,4*R*,5*R*)-4,5,6-trihydroxynorleucine and 5-hydroxynorvaline from precursors obtained by an

- unusual rearrangement in a 5,6-dihydro-2-pyrone 12911
- Nishida A.** Kawahara N.
- Nishida M.** and Yonemitsu O.
- Radical cyclization using a thioacetal group for radical generation 9713
- Nishida M.** see Nishida A. 9713
- Nishida S.** see Ohkita M. 9979
- Nishiguchi I.** see Fujimoto K. 3889
- Nishiguchi I.** see Ohno T. 1943
- Nishijima N.** see Miki S. 4269
- Nishikawa Y.** see Toyota M. 10347
- Nishimura T.** see Ohkubo M. 8099
- Nishiyama S.** see Okuno T. 14723
- Nishizawa O.** see Ohkita M. 9979
- Niu Q. J.** see Dussault P. H. 12381
- Niwa M.** see Ito J. 9991
- Noda R.** see Miki S. 4269
- Nogami T.** see Ishida T. 5103
- Noguchi M.** Mizukoshi T.
- Nakagawa S. and Kakehi A.
- An asymmetry induced azepine-ring formation through the ene reactions at the periphery of heterocyclic systems 13111
- Noguchi M.** Mizukoshi T.
- Uchida T.** and Kuroki Y.
- Mechanistic considerations on the azepine-ring formation through the ene reactions at the periphery of heterocyclic systems 13097
- Noguchi M.** Mizukoshi T.
- Kakehi A.**
- A facile and stereoselective azepine-ring formation at the periphery of pyridone and pyrido[1,2-*a*]pyrimidone systems via intramolecular imine and carbonyl ene reactions 13081
- Noguchi M.** Okada H.
- Watanabe M.
- Okuda K.
- and Nakamura O.
- Iodocyclization of 3-alkynyl- and 3-allenyl-2-(substituted amino)-1-imidazolin-4-ones 6581
- Noguchi M.** see Gotoh M. 887
- Noguchi M.** see Sun B. 901
- Noguchi M.** see Watanabe M. 2827
- Nogueras M.** see Cobo J. 13721
- Nogueras M.** see Cobo J. 5845
- Noland W. E.** Xia G.-M.
- Gee K. R.
- Konkel M. J.
- Wahlstrom M. J.
- Condoluci J. J.
- and Rieger D. L.
- In situ* vinylindole synthesis. Diels–Alder reactions with maleic anhydride and maleic acid to give tetrahydro-
- carbazoles and carbazoles 4555
- Nolte R. J. M.** see Schuurman R. J. W. 8307
- Noltemeyer M.** see Heiner T. 12185
- Nonella M.** see Cobo J. 13721
- Nonoshita K.** see Iwasawa Y. 13881
- Normant J.-F.** see Brasseur D. 7235
- Noshiro O.** see Anan H. 10849
- Novi M.** see Dell'Erba C. 3313
- Novi M.** see Dell'Erba C. 5889
- Novo B.** see Bernardi A. 3497
- Nowitzki O.** Münnich I.
- Stucke H. and Hoffmann H. M. R.
- Samarium diiodide-mediated pinacolization of diketones—II. Synthesis of polycyclic frameworks containing a cyclobutane-1,2-diol and a cyclopentane-1,2-diol 11799
- Nowitzki O.** see Hoffmann H. M. R. 11783
- Nozoe S.** see Fushiya S. 877
- Nudelman A.** see Vogel K. 3049
- Nunami K.** see Yamada M. 5751
- Nunn D. S.** see Pirrung M. C. 5707
- Nyman S.** see Al Dulayymi J. R. 12509
- Oberhauser T.** and Meduna V.
- On the stereochemical purity of (+)-7-aminocephalosporanic acid 7691
- Oberthür W.** see Kesel A. J. 14787
- O'Brien R. A.** see Chapman R. D. 9655
- Occhiato E.** and Jones J. B.
- Probing enzyme stereospecificity. Inhibition of α -chymotrypsin and subtilisin Carlsberg by chiral amine- and aminoalcohol-derivatives 4199
- Ochando L. E.** see Costero A. M. 12499
- O'Connor S.** see Abramovitch R. A. 3339
- Oget N.** Chuburu F.
- Yaouanc J. J.
- and Handel H.
- Cyclenphosphine sulfide: fluxional behaviour and ambident reactivity 2995
- Ognyanov V. I.** see Ivancev W. 4363
- Oguni N.** see Hayashi M. 7817
- Oguntoye E.** Szunerits S.
- Utley J. H. P.
- and Wyatt P. B.
- Electro-organic reactions—XLVI. Diels–Alder trapping of *o*-quinodimethane generated by redox-mediated cathodic reduction of α,α' -dibromo-*o*-xylene in the presence of hindered dienophiles 7771
- Oguri F.** see Suzuki T. 4973
- O'Hagan D.** see Howard J. A. K. 12613
- O'Hagan D.** see Nieschalk J. 165
- O'Hare H. K.** see Sieburth S. McN. 5669
- Ohashi M.** see Ishida T. 5103
- Ohff M.** see Selke R. 15079
- Ohier P.** Daïch A.
- and Decroix B.
- Pyrrolo[1,4]diazepines, via thermolysis of carbonyl azides, and [3,2,2]-cyclazines, via Diels–Alder reaction of [1]benzothiophene 13547
- Ohigashi H.** see Todoroki Y. 8081
- Ohkita M.** Nishizawa O.
- Imai T.
- Nishida S.
- and Tsuji T.
- Direct synthesis of 2-norbornanone dithioacetals from 2-cyclopentenone dithioacetals and dienophiles. Synthetic application of thermal interconversion between cyclic dithioacetals and the ring-opened vinyl sulfide forms 9979
- Ohkubo M.** Nishimura T.
- Jona H.
- Honma T.
- and Morishima H.
- Practical synthesis of indolopyrrolocabazoles 8099
- Ohkubo M.** Nishimura T.
- Jona H.
- Honma T.
- and Morishima H.
- Corrigendum 14079
- Ohm S.** see Hombrecher H. K. 5441
- Ohmori K.** see Okuno T. 14723
- Ohno A.** see Kinoshita M. 5397
- Ohno M.** Azuma T.
- Kojima S.
- Shirakawa Y.
- and Eguchi S.
- An efficient functionalization of [60]fullerene. Diels–Alder reaction using 1,3-butadienes substituted with electron-withdrawing and electron-donating (silyloxy) groups 4983
- Ohno T.** Aramaki H.
- Nakahiro H.
- and Nishiguchi I.
- Electroreductive acylation of activated olefins using a reactive metal anode 1943
- Ohsawa A.** see Nagata K. 6569
- Ohta A.** see Aoyagi Y. 869
- Ohta H.** see Ikeda H. 8113
- Ohta H.** see Sugai T. 8123
- Ohtani H.** see Tamao K. 5765
- Oikonomakos N. G.** see Brandstetter T. W. 10711
- Oikonomakos N. G.** see Brandstetter T. W. 10721
- Oishi S.** see Iseki K. 71

- Ojima I.** Kuduk S. D.
Slater J. C. Gimi R. H. and
Sun C. M.
 Syntheses of new fluorine-containing taxoids by means of β -lactam synthon method 209
- Ojima J.** see Yamamoto G. 12409
- Oka T.** Fujiwara K. and Murai A.
 Synthesis of both enantiomers of the BC-ring part of ciguatoxin 12091
- Okada H.** see Noguchi M. 6581
- Okada H.** see Watanabe M. 2827
- Okada M.** Kitagawa O.
Fujita M. and Taguchi T.
 A mild method for generation of *p*-methoxybenzyl cation through NIS-mediated activation of *p*-methoxybenzyl 4-pentenyl ether 8135
- Okada M.** see Nagata K. 6569
- Okajima T.** see Fukazawa Y. 2301
- Okamoto A.** see Nakatani K. 9427
- Okamoto H.** see Kato N. 3921
- Okamoto K.** see Okuno T. 14723
- Okamura H.** see Iwagawa T. 13121
- Oketo Y.** see Yoneda R. 14563
- Okino T.** Yoshimura E.
 Hirota H. and Fusetani N.
 New antifouling sesquiterpenes from four nudibranchs of the family Phyllidiidae 9447
- Okino T.** see Matsuda H. 14501
- Okuda K.** see Noguchi M. 6581
- Okumura Y.** see Arimoto H. 13901
- Okuno T.** Ohmori K.
 Nishiyama S. Yamamura S.
 Nakamura K. Houk K. N. and Okamoto K.
 Chemical study on hapalosin, a cyclic depsipeptide possessing multidrug resistance reversing activities: synthesis, structure and biological activity 14723
- Olah G. A.** see York C. 9
- Oliver M.** see Mazzola E. P. 5691
- Ollivier L.** see Lavastre O. 5495
- Olmstead M. M.** see Balch A. L. 5021
- Olsson R. A.** see Scammells P. J. 4735
- Omobuwajo O. R.** see Dumontet V. 6931
- Omote M.** Ando A. Takagi T.
 Koyama M. and Kumadaki I.
 Synthesis of a fluorine analog of hematoporphyrin by ring closure 13961
- Ong K. Y.** see Sajiki H. 14507
- Oniki T.** see Yamazaki T. 11753
- Ono A.** see Kakefuda A. 2863
- Ono K.** see Hayashi M. 7817
- Ono T.** see Soloshonok V. A. 14701
- Onoda T.** Shirai R. Kawai N. and Iwasaki S.
 Efficient asymmetric synthesis of *cis*-2-methylcyclopropane-carboxylic acid 13327
- Onoda T.** Shirai R. Koiso Y. and Iwasaki S.
 Synthetic study on curacin A: a novel antimitotic agent from the cyanobacterium *Lyngbya majuscula* 14543
- Onozawa S.** Sakakura T.
Tanaka M. and Shiro M.
 Lanthanoid-catalysed Tishchenko reaction of mono- or di-aldehydes 4291
- Ooi G. H.** see Abramovitch R. A. 3339
- Opreas I.** see Vlassa M. 1337
- Or Y. S.** see Wagner R. 9643
- Orduna J.** see Garín J. 11063
- Orena M.** see Galeazzi R. 1069
- Oritani T.** see Konno H. 9399
- Orito K.** see Kaga H. 8451
- O'Rourke S. S.** see Sebesta D. P. 14385
- Ortea J.** see Ciavatta M. L. 12831
- Ortiz J.** see Guijarro A. 1643
- Ortiz Mellet C.** see García Fernández J. M. 12947
- Osada H.** see Cui C.-B. 12651
- Osawa E.** see Matsumoto T. 5961
- Osawa E.** see Matsumoto T. 5971
- Osawa E.** see Nagashima H. 5053
- Oshima K.** see Shinokubo H. 14533
- Osio Barcina J.** see García Martínez A. 14041
- Oskam N.** see Otten P. A. 11095
- Ostendorf M.** see Louwrier S. 2603
- Osterodt J.** Zett A. and Vögtle F.
 Fullerenes by pyrolysis of hydrocarbons and synthesis of isomeric methanofullerenes 4949
- Osuka A.** Wada Y. and Shinoda S.
 Covalently linked pyropheophorbide dimers as models of the special pair in the photosynthetic reaction center 4311
- O'Sullivan W. I.** see Bennett M. 7163
- Otera J.** Fujita Y. and Fukuzumi S.
 The design of diastereoselective
- Mukaiyama–Michael reaction of ketene silyl acetal 9409
- Otera J.** see Fujita Y. 9419
- Otten P. A.** Oskam N. and van der Gen A.
 A Horner–Wittig approach to *S,N*-ketene acetals. Acid-catalyzed hydrolysis of *S,N*-ketene acetals to (*S*)-thioesters 11095
- Ottenheijm H. C. J.** see Hermkens P. H. H. 4527
- Ottolina G.** see Fronza G. 4041
- Ottow E.** see Cleve A. 1529
- Ourevitch M.** see Bonnet-Delpont D. 59
- Ozasa T.** see Anan H. 10849
- Ozturk O.** see Jones R. A. 8707
- Pace P.** see Arcadi A. 6983
- Pace P.** see Cacchi S. 10225
- Pachaly P.** see Radau G. 14735
- Padova A.** Roberts S. M.
Donati D. Marchioro C. and Perboni A.
 Synthesis of a novel fluoro-tribactam utilising an *N*-fluorosulfonimide in the key step 263
- Padova A.** see Burgaud B. G. M. 13035
- Padwa A.** Austin D. J.
Price A. T. and Weingarten M. D.
 Studies on the intramolecular cycloaddition reaction of isomünchnones derived from *N*-alkenyl substituted diazoimides 3247
- Padwa A.** see Miah S. 2489
- Pagano S.** see Descotes G. 10903
- Paganuzzi D.** see Arduini A. 6011
- Page P.** Blonski C. and Périé J.
 An improved chemical and enzymatic synthesis of new fructose derivatives for import studies by the glucose transporter in parasites 1557
- Page P. C. B.** Wilkes R. D.
Namwindwa E. S. and Witty M. J.
 Enantioselective preparation of 2-substituted-1,3-dithiane 1-oxides using modified Sharpless sulphoxidation procedures 2125
- Pagliarin R.** Papeo G.
Sello G. Sisti M. and Paleari L.
 Design of β -amino alcohols as chiral auxiliaries in the electrophilic amination of 1,3,2-oxazaphospholanes 13783
- Paik S.** and White E. H.
 α -Aminosulfonyopeptides as possible functional analogs of penicillin; evidence for their extreme instability 5303

- Páis M.** see Dumontet V. 6931
- Palacios F., Aparicio D. and de los Santos J. M.**
An efficient and general strategy for the synthesis of 4-phosphorylated pyrazoles from β -hydrazono phosphine oxides 4123
- Palacios F., Aparicio D. and de los Santos J. M.**
Reaction of *N*-vinyl phosphazenes with carbonyl compounds. Reactivity of the vinyl side chain versus aza-Wittig reaction 4857
- Palacios F., Aparicio D. and García J.**
Synthesis of secondary *E*-allylamines and β -aminophosphorylated compounds from β -functionalized enamines derived from phosphonium salts, phosphine oxides and phosphonates 9609
- Palacios J. C.** see Avalos M. 9263
- Paleari L.** see Pagliarin R. 13783
- Palenzuela J. A.** see Afonso M. M. 11827
- Palenzuela J. A.** see Mujica M. T. 2167
- Palermo J. A.**
Rodríguez Brasco M. F. and Seldes A. M.
Storniamides A–D: alkaloids from a Patagonian sponge *Ciona* sp. 2727
- Palle P. V. P.** see Kasturi T. R. 1707
- Palmer R. B. and Andersen N. H.**
Conformational dynamics of 4-aryl-1,4-dihydropyridine calcium channel antagonists—I. Quantitation of C4–C1' bond rotational barriers 9665
- Palmieri G.** see Bartoli G. 9179
- Palmisano G.** see Cravotto G. 13007
- Palumbo G.** see Caputo R. 11857
- Pan H.-Q.** see Avila D. V. 12351
- Pan X.** see Wang X. 10659
- Pancrazi A.** see Fargeas V. 6613
- Pandey R. K., Jagerovic N., Ryan J. M., Dougherty T. J. and Smith K. M.**
Syntheses and preliminary *in vivo* photodynamic efficacy of benzoporphyrin derivatives from phylloerythrin and rhodoporphyrin XV methyl esters and aspartyl amides 5349
- Pandiaraju S.** see Basavaiah D. 2261
- Pang G.-L.** see Aoyagi Y. 869
- Pannek J.-B.** see Knölker H.-J. 7345
- Pansini M.** see Ciminiello P. 9863
- Panunzio M.** see Cainelli G. 1685
- Papageorgiou G.** see Fenton D. E. 5913
- Papageorgiou G.** see Heaney H. 3473
- Papagni A.** see Baldoli C. 4849
- Papeo G.** see Pagliarin R. 13783
- Paquette L. A., Kuo L. H. and Doyon J.**
Reaction cascades based on squarate esters. 1,3-Dioxolane as a chaperone functional group for lithium ions 11625
- Paquette L. A., Morwick T. M., Negri J. T. and Rogers R. D.**
Addition of 2,3-dihydro-5-furanyl lithium to diisopropyl squarate as a means for the rapid generation of structurally complex oxygen-containing tetraquinane networks 3075
- Paradiso V.** see Ciminale F. 13971
- Parella T.** see Alibés R. 1267
- Parella T.** see Alibés R. 1279
- París M.** see Avenoza A. 4839
- Park Y. S. and Beak P.**
Lithiation–substitutions of *N*-Boc *N*-alkyl cyclopropylamines 12333
- Parker W. L.** see Gao Q. 2291
- Parmentier G.** see Werner F. 5525
- Parsons A. F.**
Recent developments in kainoid amino acid chemistry 4149
- Parsons A. F.** see Goodall K. 6739
- Parsons A. S.** see Michael J. P. 2199
- Parsons P. J., Camp N. P., Underwood J. M. and Harvey D. M.**
Tandem reactions of anions: a short and efficient route to \pm anatoxin-a 11637
- Parsons P. J.** see Henniges H. 11545
- Partogyan K.** see Vergne F. 2421
- Parveen M.** see Ilyas M. 3991
- Parvez M.** see Cherkauskas J. P. 3135
- Pascual Coca G.** see Fernández-Mateos A. 4817
- Pasenok S. V., de Roos M. E. and Appel W. K.**
New method of preparation of fluoro compounds via utilisation of ammonium and phosphonium perfluorocyclobutane ylides as fluorination reagents 2977
- Pasenok S. V., de Roos M. E. and Appel W. K.**
- Utilisation of ammonium and phosphonium perfluorocyclobutane ylides as fluoride anion source 9755
- Pasqui F., Canfarini F., Giolitti A., Guidi A., Pestellini V. and Arcamone F.**
Synthesis of ring A fluorinated anthracyclines 185
- Passarella D.** see Danielli B. 11291
- Pasteels J. M.** see Schröder F. 13539
- Pastor R.** see Lanier M. 14631
- Pastorio A.** see Sartori G. 8287
- Patel G.** see Green D. 10215
- Patel M. K., Fox R. and Taylor P. D.**
Directed aminomethylation of 3-hydroxy-2(1*H*)-pyridinones and 3-hydroxy-4(1*H*)-pyridinones: synthesis of iso-deferiprone 1835
- Paterson I. and Perkins M. V.**
Total synthesis of (–)-denticulatins A and B using efficient methods of acyclic stereocontrol 1811
- Pathak T.** see Sakthivel K. 1767
- Pathak T.** see Sakthivel K. 4877
- Patigny D.** see Sapi J. 8209
- Patra R., Bar N. C., Roy A., Achari B., Ghoshal N. and Mandal S. B.**
A simple route to optically active, functionalized five-, six- and seven-membered carbocyclic derivatives 11265
- Pätzl B.** see Yadav K. M. 4679
- Patterson S. E.** see Strekowski L. 3273
- Pätzl M.** see Faltz H. 9035
- Pätzl M.** see Martin S. F. 7251
- Paul C. C.** see Clive D. L. J. 6085
- Paulussen H., Adriaensens P., Vanderzande D. and Gelan J.**
Unexpected rearrangements in the synthesis of arylidene- or alkylidene-2-thiophthalides 11867
- Pavlov V. A.** see Al-Dulayymi J. R. 8877
- Pavlovic V. D.** see Mihailovic M. Lj. 11995
- Peak S. A.** see Hale K. J. 1047
- Peakman T. M.** see Harradine P. J. 13427
- Pearson W. H. and Gallagher B. M.**
The intramolecular Schmidt reaction of azides with tertiary alcohols: synthesis of 5-(α -naphthyl)- and 5-(β -naphthyl)indolizidines as potential dopamine analogs and non-opiate antinociceptive agents 12039

- Pearson W. H.** see Schkeryantz J. M. 3107
- Pedatella S.** see Caputo R. 11857
- Pedersen E. B.** see Abdel-Rahman A. A.-H. 15311
- Pedragosa-Moreau S.**
- Archelas A. and Furstoss R.** Microbiological transformations—XXXII. Use of epoxide hydrolase mediated biohydrolysis as a way to enantiopure epoxides and vicinal diols: application to substituted styrene oxide derivatives 4593
- Pedregal C.** see López A. 8365
- Pedrero M.** see Alvarez-Ibarra C. 11929
- Pedrini P.** see Fantin G. 3547
- Pedrini P.** see Fantin G. 9535
- Pedro J. R.** see Blay G. 10507
- Pedro J. R.** see Blay G. 8611
- Pedro J. R.** see Fernández I. 12031
- Pedrosa R.** see García-Valverde M. 10761
- Peer M. de Jong J. C.**
- Kiefer M. Langer T.**
 - Rieck H. Scheil H.**
 - Sennhenn P. Sprinz J.**
 - Steinhagen H. Wiese B. and Helmchen G.** Preparation of chiral phosphorus-, sulfur- and selenium-containing 2-aryloxazolines 7547
- Peeters O.** see Hossain N. 5563
- Pegg N. A.** see Gill D. M. 3609
- Pei J.** see Huang W. 10131
- Pei W.** see Huang W. 10131
- Pei W.** see Wada E. 1205
- Peiffer G.** see Principato B. 2087
- Peinador C.** see Quintela J. M^a 10497
- Peinador C.** see Quintela J. M^a 3037
- Pelizzoni F.** see Alberti A. 10241
- Pellicciari R.** see Donati D. 9901
- Pellissier H. and Santelli M.** Dialkylation of 2,3-butanedione diketal with 1,8-bis(trimethylsilyl)-2,6-octadiene (BISTRO). Application to the synthesis of estrone derivatives 9093
- Pelter A., Peverall S. and Pitchford A.** Hindered organoboron groups in organic chemistry—XXX. The production of *erythro*-1,2-diols by the condensation of dimesitylboron stabilised carbanions with aromatic aldehydes 1085
- Pelter A.** see Ward R. S. 12799
- Pelter A.** see Ward R. S. 1303
- Pelter A.** see Ward R. S. 14349
- Pengsuparp T.** see Yoshida T. 14487
- Penn G.** see Kollenz G. 5427
- Pennell A. M. K.** see Corlay H. 4883
- Penney C. L.** see Zacharie B. 2271
- Pennington W. T.** see Abramovitch R. A. 3339
- Perboni A.** see Padova A. 263
- Pereda-Miranda R.** see Bah M. 13063
- Peregrina J. M.** see Avenoza A. 4839
- Pereira de Freitas R.** see Arseniyadis S. 12443
- Perez C. Janin Y. L. and Grierson D. S.** Isoxazoles as latent α -cyanoaldehydes: construction of the indolo[2,3-a]quinolizine ring system 987
- Pérez M.** see Goux C. 9521
- Pérez-García L.** see Alcalde E. 15197
- Pericas M. A.** see Castejón P. 7063
- Pericás M. A.** see Tormo J. 14021
- Péricaud F.** see Leclaire M. 7703
- Périé J.** see Page P. 1557
- Perkins M. V.** see Paterson I. 1811
- Perotti A.** see Bisi Castellani C. 11045
- Perrée-Fauvet M.**
- Verchère-Béaur C.**
 - Tarnaud E.**
 - Anneheim-Herbelin G.**
 - Bône N. and Gaudemar A.** New amino acid porphyrin derivatives—I. Synthesis 13569
- Perrée-Fauvet M.** see Verchère-Béaur C. 13589
- Perrini G.** see Corsaro A. 6421
- Perrini G.** see Corsaro A. 7885
- Perromat G.** see Dumontet V. 6931
- Pestellini V.** see Pasqui F. 185
- Pete J.-P.** see Amouagay A. 2405
- Peter H. H.** see Fredenhagen A. 1235
- Peter M. G.** see Kroesche C. 3947
- Peters E.-M.** see Kollenz G. 5427
- Peters K.** see Kollenz G. 5427
- Petersen H.** see Andersen K. E. 3375
- Petersen S. V.** see Zaragoza F. 10823
- Petersen S. V.** see Zaragoza F. 5999
- Petit Y.** see Gueugnot S. 6635
- Petrich S. A.** see Gupton J. T. 6879
- Petrillo G.** see Dell'Erba C. 3313
- Petrillo G.** see Dell'Erba C. 5889
- Petrovanu M. C.** see Mangalagiu I. I. 8853
- Petrucchi R.** see Carloni P. 11257
- Pettit G. R.** see Kamano Y. 2369
- Peverall S.** see Pelter A. 1085
- Peyman A.** see Mag M. 10011
- Pezzella A. Napolitano A.**
- d'Ischia M. and Prota G.** Oxidative polymerisation of 5,6-dihydroxyindole-2-carboxylic acid to melanin: a new insight 7913
- Pezzella A.** see Napolitano A. 8775
- Pezzuto J. M.** see Yoshida T. 14487
- Pham H. L.** see Wagner J. 6591
- Picard C.** see Cathala B. 9793
- Picher M. T.** see Domingo L. R. 11105
- Picher M. T.** see Domingo L. R. 10693
- Pieken W. A.** see Sebesta D. P. 14385
- Pileles U.** see Altmann K.-H. 12699
- Pierre J.-L.** see Caris C. 4659
- Piet D. P., Franssen M. C. R. and de Groot A.** Biotransformation of allylically activated (*E,E*)-cyclodeca-1,6-dienols by *Cichorium intybus* 11273
- Pietra F.** see D'Ambrosio M. 8899
- Pietrzykowski W. M.** see Bałczewski P. 13681
- Pigeon P.** see Loupy A. 6705
- Pilati T.** see Baldoli C. 4849
- Pilati T.** see Beccalli E. M. 3029
- Pillai K. M. R.** see Marinelli E. R. 11177
- Pinalli A.** see Arduini A. 6011
- Pineda M. J.** see Campos J. 8907
- Pingarrón J. M.** see Alvarez-Ibarra C. 11929
- Pini E.** see Rossi E. 7939
- Pinto G.** see DellaGreca M. 13981
- Piperno A.** see Chiacchio U. 14311
- Piperno A.** see Chiacchio U. 8889
- Pires J.** see Behr J.-B. 3283
- Pires M.** see Barros M. T. 7861
- Pirrunig M. C. and Nunn D. S.** Photochemical rearrangements of quinone monoketals 5707
- Pisani V.** see Chiacchio U. 14311
- Pischel I., Nieger M., Archut A. and Vögtle F.** Chiral dithia[n]paracyclophanes—synthesis, crystal structure and chiroptical properties 10043
- Pistara V.** see Chiacchio U. 7875

- Pistarà V.** see Corsaro A. 13027
Pistarà V. see Corsaro A. 6421
Pistarà V. see Corsaro A. 7885
Pitarch M. see Costero A. M. 3683
Pitchford A. see Pelter A. 1085
Pitchumani K. see Velusamy P. 3487
Pitre S. V., Vankar P. S. and Vankar Y. D.
 Palladium catalysed conversion of vinyl bromo allylic alcohols into vinylic carbonyl compounds and oxidation of secondary alcohols to ketones 12291
Pitt A. R. see Baldwin J. E. 2515
Pitt A. R. see Baldwin J. E. 2537
Pitterna T. see Magnus P. 6283
Piva O. see Amouagay A. 2405
Piva O. see Enders D. 2893
Piwowska J. see Kula J. 11321
Plancquaert M.-A., Redon M., Janousek Z. and Viehe H. G.
 2-Phenylthio-3,3,3-trifluoropropene, its sulfoxide and sulfone: synthesis and reactivity in 1,3-dipolar cycloadditions 4383
Plavec J. and Chattopadhyaya J.
 Comparative assessment of structure and reactivity of wyosine by chemistry, spectroscopy and *ab initio* calculations 1597
Plé G. see Grosu I. 12783
Plé N. see Mojovic L. 10417
Pleixats R. see Goux C. 9521
Pleixats R. see López A. 8365
Pocar D. see Clerici F. 7183
Pochini A. see Arduini A. 6011
Podányi B. see Hermecz I. 7789
Podlahá J. see Belohradsky M. 11013
Poh B.-L.
 Cyclodextrins (α -, β -, and γ -) as guests to calichrome (calcione) in water 10979
Pohmakotr M., Takampon A. and Ratchataphusit J.
 1,1-Diphenoxy-2-(phenylsulfonyl)cyclopropane as a furan annulating agent 7149
Pohnert G. and Boland W.
 Biosynthesis of the algal pheromone hormosirene by the freshwater diatom *Gomphonema parvulum* (Bacillariophyceae) 10073
Polborn K. see Langhals H. 1961
Poli G. see Reginato G. 10985
Polishook J. see Lam Y. K. T. 1481
Pollicino S. see Cerè V. 5989
Pollini G. P. see Barco A. 4719
Pollini G. P. see Barco A. 9275
Pollo A. see DellaGreca M. 13981
Pons J. M. see Alcalde E. 15197
Pons J.-M. see Mioudi A. 9785
Pontillo J. see Ferguson C. G. 14661
Poon H. S. see Harrowven D. C. 1389
Pop I. E., Dhalluin C. F., Déprez B. P., Melnyk P. C., Lippens G. M. and Tartar A. L.
 Monitoring of a three-step solid phase synthesis involving a Heck reaction using magic angle spinning NMR spectroscopy 12209
Poppe C. J. and Howard J. B.
 Thermodynamic limitations for fullerene formation in flames 5161
Poplawski M. see Meier M. S. 5043
Porinchi M. see Singh V. 7087
Porsch M. see Märkl G. 1981
Port G. R. see Al Dulayymi J. R. 12509
Porta O. see Clerici A. 11037
Portella C. see Foulard G. 6187
Porter M. J. see Baldwin J. E. 2515
Porter M. J. see Baldwin J. E. 2537
Porter N. A., Carter R. L., Mero C. L., Roepel M. G. and Curran D. P.
 Penultimate group effects in free radical telomerizations of acrylamides 4181
Porzel A. see Voigt B. 10653
Porzi G. see Arcelli A. 4141
Potenza D. see Bernardi A. 3497
Potier P. see Arseniyadis S. 12443
Potier P. see Arseniyadis S. 6215
Poulter C. D. see Dolence J. M. 119
Powers E. T. see Rossi F. M. 10279
Pozzi G., Banfi S., Manfredi A., Montanari F. and Quici S.
 Towards epoxidation catalysts for fluororous biphasic systems: synthesis and properties of two Mn(III)-tetraarylporphyrins bearing perfluoroalkylamido tails 11879
Pradère J.-P. see Morel G. 10095
Prahlada Rao S. see Mallareddy K. 8535
Prakash G. K. S. see York C. 9
Praly J.-P., Bonnevie C., Haug P. and Descotes G.
 Synthesis and photolysis of protected α -hex-2-iloxyranosyl azides 9057
Praly J.-P. see Somsák L. 9121
Prandi C. see Deagostino A. 1433
Prasuna G. see Nangia A. 3435
Prathap .S see Singh V. 14287
Prato M., Maggini M., Giacometti C., Scorrano G., Sandonà G. and Farnia G.
 Synthesis and electrochemical properties of substituted fulleropyrrolidines 5221
Pratt A. J. see Alexander R. P. 5983
Pratt A. J. see Coulter C. V. 7127
Prein M. see Adam W. 1231
Prescott S. see Mazzola E. P. 5691
Previtera L. see DellaGreca M. 13981
Price A. T. see Padwa A. 3247
Principato B., Maffei M., Siv C., Buono G. and Peiffer G.
 Palladium catalysed allylic acetoxylation of dialkyl allyl phosphonates 2087
Pring B. G. see Briggs A. D. 14937
Pritchard M. C. see Burgaud B. G. M. 13035
Procter D. J., Thornton-Pett M. and Rayner C. M.
 Discovery, characterisation, and utilisation of selenoxide-sulfonic acid salts: a new class of selenoxide-based oxidant and stable selenoxide equivalent 1841
Proctor G. R. see Murray A. 3757
Prota G. see Napolitano A. 8775
Prota G. see Pezzella A. 7913
Pruess D. L. see Williams R. M. 1149
Ptuck A. see Fürstner A. 7329
Puchot-Kadouri C. see Agami C. 9079
Pulido F. J. see Bañuelos L. A. 9193
Puliti R. see Ciavatta M. L. 12831
Punzi A. see Babudri F. 13513
Puranik V. G. see Jayaraman M. 9005
Puranik V. G. see Srirajan V. 5579
Puri N. see Sund C. 12275
Purick R. M. see Maligres P. E. 3327
Pusch H. see Staroske T. 12723
Pustobaev V. N. see Khomutov A. R. 13751
Pye P. see Bauta W. E. 14081
Pye P. see Magnus P. 14103
Pye P. see Magnus P. 14147
Pyne S. G. see Cliff M. D. 13703
Pyne S. G. see Ung A. T. 14069
Qin G. see Zhao W. 12373

- Quadrelli P.** see Corsaro A. 6421
- Quast H.** see Muchall H. M. 1965
- Quéguiner G.** see Charpentier P. 10441
- Quéguiner G.** see Mojovic L. 10417
- Quici S.** see Pozzi G. 11879
- Quiclet-Sire B.** see Barton D. H. R. 8233
- Quintela J. M^a** **Moreira M. J.** and **Peinador C.** A ready one-pot preparation for pyrrolo[2,1-*J*][1,2,4]triazine and pyrazolo-[5,1-*c*]pyrimido[4,5-*e*][1,2,4]triazine derivatives 3037
- Quintela J. M^a** and **Peinador C.** A ready one-pot preparation for 7-oxa(or thia)-3,4,6-triazabenz[*d,e*]anthracene and 7-oxa-3,4,6,9-tetraza-benz[*d,e*]anthracene derivatives 10497
- Quirion J.-C.** see Micouin L. 7719
- Quiroga M. L.** see Alvarez-Ibarra C. 11929
- Quiroga M. L.** see Alvarez-Ibarra C. 4065
- Rachwal B.** see Katritzky A. R. 15031
- Rachwal S.** see Katritzky A. R. 15031
- Radau G.** **Büllsbach R.** and **Pachaly P.** Zur Synthese von Tiliacora-Alkaloiden—III. Synthese von Biarylen durch Ullmann-Kupplung 14735
- Rademacher P.** see Muchall H. M. 1965
- Raghavachari K.** see Haddon R. C. 5207
- Rai B.** see Deshpande V. H. 7159
- Raiileanu D.** see Tighineanu E. 12475
- Raina S.** and **Singh V. K.** Asymmetric synthesis of 5-hexadecanolide, pheromone of the queen of the Oriental hornet, *Vespa orientalis* 4479
- Raiithy P. R.** see Bañuelos L. A. 9193
- Rajagopalan K.** see Shanmugam P. 7737
- Rajanna K. C.** **Solomon F.** **Ali M. M.** and **Saiprakash P. K.** Kinetics and mechanism of Vilsmeier-Haack synthesis of 3-formyl chromones derived from o-hydroxy aryl alkyl ketones: a structure-reactivity study 3669
- Rajkovic M. M.** see Mihailovic M. Lj. 11995
- Raku N.** see Nemoto H. 13339
- Rallo R. S.** see Fronza G. 4041
- Ramdani M.** see Loupy A. 6705
- Ramig K.** **Krishnaswami A.** and **Rozov L. A.** Chiral interactions of the fluoroether anesthetics desflurane, isoflurane, enflurane, and analogues with modified cyclodextrins studied by capillary gas chromatography and nuclear magnetic resonance spectroscopy: a simple method for column-suitability screening 319
- Ramón D. J.** and **Yus M.** Naphthalene-catalysed lithiation of carbamoyl and thiocarbamoyl chlorides under Barbier-type reaction conditions 13739
- Ramón D. J.** see Alonso E. 14341
- Ramser M. N.** see Martin S. F. 7251
- Ramsewak R.** see Mootoo B. S. 9953
- Ramza J.** see Descotes G. 10903
- Ranganathan R. S.** see Marinelli E. R. 11177
- Ranganathan S.** **Tamilarasu N.** and **Roy R.** Protein folding: the synthesis and conformational studies on cysteinyl-cysteinyl-cystine [-CSSCCSSCCSSC-] a novel cross linking motif 8283
- Ransom R.** see Lam Y. K. T. 1481
- Raouf-Benchekroun K.** see Baltas M. 14865
- Raouf-Benchekroun K.** see Cathala B. 9793
- Raposo C.** **Luengo A.** **Almaraz M.** **Martín M.** **Mussons M^a L.** **Caballero M^a C.** and **Morán J. R.** Malonic acid receptors with decarboxylative activity 12323
- Raptopoulou C. P.** see Bojilova A. 12597
- Rasmussen R. R.** see McAlpine J. B. 10327
- Rassu G.** see Spanu P. 4829
- Ratchataphisut J.** see Pohmakotr M. 7149
- Ravelo A. G.** see González A. G. 10667
- Ravelo A. G.** see González A. G. 9597
- Ravikumar K. S.** and **Chandrasekaran S.** Chemo- and stereoselective reduction of α,β -epoxyketones with diisopropoxytitanium(III) tetrahydorate 9137
- Ray P. S.** see Miller M. L. 5739
- Raynaud F.** **Asseline U.** **Roig V.** and **Thuong N. T.** Synthesis and characterization of O⁶-modified deoxyguanosine-containing oligodeoxyribonucleotides for triple-helix formation 2047
- Rayner C. M.** see Gill D. M. 3609
- Rayner C. M.** see Procter D. J. 1841
- Read R. W.** see Bayquen A. V. 13467
- Reamer R. A.** see Maligne P. E. 3327
- Reddy G. M.** see Bartsch R. A. 8979
- Reddy R. E.** see Adamczyk M. 14689
- Reddy T. J.** see Srikrishna A. 1631
- Redon M.** see Plancquaert M.-A. 4383
- Rees D.** see Hermkens P. H. H. 4527
- Refvik M. D.** and **Schwan A. L.** Preparation of *N,N*-bis(trimethylsilyl)-1-alkenesulfenamides and their desilylative conversion to 1-alkenesulfenimines. New stable 1-alkenesulfenic acid derivatives 8387
- Regainia Z.** see Dewynter G. 14217
- Regainia Z.** see Dewynter G. 993
- Reginato G.** **Mordini A.** **Messina F.** **Degl'Innocenti A.** and **Poli G.** A new stereoselective synthesis of chiral γ -functionalized (*E*)-allylic amines 10985
- Réglier M.** see Heumann A. 9289
- Reid G.** see Schmidt B. 1617
- Reider P. J.** see Maligne P. E. 3327
- Reinaud O.** see Viallon L. 13605
- Reinaud O.** see Viallon L. 7841
- Reinhoudt D. N.** see Timmerman P. 2663
- Rej R.** see Zacharie B. 2271
- Rele D.** **Zhao N.** **Nakanishi K.** and **Berova N.** Acyclic 1,2-/1,3-mixed pentols. Synthesis and general trends in bichromophoric exciton coupled circular dichroic spectra 2759
- Remacle B.** see Krief A. 7435
- Remacle B.** see Krief A. 7465
- Remuzon P.** *trans*-4-Hydroxy-L-proline, a useful and versatile chiral starting block 13803
- Remy J. M.** see Schirlin D. 305
- Ren C.** see Marchand A. P. 6063
- Rennels R. A.** see Wolfe J. P. 7525
- Rescifina A.** see Chiacchio U. 14311

- Rescifina A.** see Chiacchio U. 14323
Rescifina A. see Chiacchio U. 7875
Rescifina A. see Chiacchio U. 8889
Resnati G. see Arnone A. 131
Retamosa A. see Alcaide B. 13215
Reynolds W. F. see Mazzola E. P. 5691
Reynolds W. F. see Mootoo B. S. 9953
Rho J.-R. see Seo Y. 10583
Rhoades T. A. see Wagner R. 9643
Ricard L. see Leclaire M. 7703
Ricci A. see Bonini B. F. 4803
Richards C. J. see Locke A. J. 1461
Richards I. C. see Miah S. 2489
Riche C. see Dumontet V. 6931
Riche C. see Janin Y. L. 15157
Richter M. J. see Adam W. 1231
Richter R. see Beyer L. 6233
Rico R. see Suau R. 11307
Rieck H. see Peer M. 7547
Rieger D. L. see Noland W. E. 4555
Riehs G. Urban E. and Völlenkle H. A key step towards EPC synthesis of (+)-heptelidic acid 8725
Riehs G. and Urban E. Asymmetric protected 2-oxo-5-isopropyl-cyclohexenecarboxylates as key intermediates towards an EPC synthesis of (+)-heptelidic acid 1221
Riepe A. see Selke R. 15079
Riera A. see Castejón P. 7063
Riera A. see Tormo J. 14021
Rigby J. H. and Mateo M. E. Total synthesis of (\pm)- α -lycorane and 4,5-dehydroanhydrolycorine 10569
Righetti P. see Desimoni G. 12009
Righetti P. see Desimoni G. 12019
Righetti P. see Desimoni G. 6241
Rigoni R. see Fronza G. 14281
Ringe K. see Schinzer D. 7475
Rippa M. see Giovannini P. P. 1669
Rise F. see Andresen G. 12979
Rise F. see Langli G. 5625
Risitano F. Grassi G. Caruso F. and Foti F. C,C- and C,N-linked dimers and 4-aryl methyl derivatives from 4-aryl methylene pyrazol-5-ones and isoxazol-5-ones with 2-arylbenzimidazolines 1443
Rispens M. T. Gelling O. J. de Vries A. H. M.
- Meetsma A.** van Bolhuis F. and Feringa B. L. Catalytic epoxidation of unfunctionalized alkenes by dinuclear nickel(II) complexes 3521
Ritter J. see Gleiter R. 10383
Rius J. see Carilla J. 7013
Riva R. see Banfi L. 13493
Robert-Baudouy J. see Alessi F. 4625
Roberts E. see Al Dulayymi A. R. 3409
Roberts S. M. see Padova A. 263
Robina I. López-Barba E. and Fuentes J. Fatty acylamino-trisaccharides. Synthesis and some stereochemical properties 10771
Robinson S. G. see Brimble M. A. 9553
Rodebaugh R. and Fraser-Reid B. Evidence for cyclic bromonium ion transfer in electrophilic bromination of alkenes: reaction of ω -alkenyl glycosides with aqueous *N*-bromosuccinimide 7663
Rodinovskaya L. A. see Artyomov V. A. 1011
Rodios N. A. see Bojilova A. 12597
Rodrigues R. A. F. see Kascheres A. 12919
Rodríguez E. see Beyer L. 6233
Rodríguez R. Estiarte M. A. Diez A. Rubiralta M.
Colell A. García-Ruiz C. and Fernández-Checa J. C. Conformationally restricted analogues of methionine: synthesis of chiral 3-amino-5-methylthio-2-piperidones 7727
Rodríguez-Morgade S. Vázquez P. and Torres T. Synthetic applications of functionalized phosphoranylideneamino-1,4-benzoquinones: preparation of oxazolo[5,4-*b*]phenoxazine, 4*H*-[3,1]benzoxazino-5,8-quinone and benzoxazole derivatives 6781
Rodríguez Brasco M. F. see Palermo J. A. 2727
Roepel M. G. see Porter N. A. 4181
Rogers R. D. see Paquette L. A. 3075
Roglans A. see López A. 8365
Rohlfing C. M. see Cahill P. A. 5247
Rohmer M. see Zhao N. 2777
Roig V. see Raynaud F. 2047
Rojo I. see Dondoni A. 3057
Romanenko E. A. see Van Meervelt L. 8835
Romeo G. see Chiacchio U. 14323
Romeo G. see Chiacchio U. 7875
Romeo G. see Chiacchio U. 8889
Romeo R. see Chiacchio U. 14311
Romeo R. see Chiacchio U. 14323
Romeo R. see Chiacchio U. 7875
Romeo R. see Chiacchio U. 8889
Romeo R. see Corsaro A. 7885
Roncucci G. see Cosimelli B. 11281
Roques B. P. see Baczkó K. 2021
Roques B. P. see Liu W.-Q. 4411
Rosenberg L. see Rossi F. M. 10279
Ross H. and Lüning U. Concave reagents—XIX. Synthesis, structure, and basicity of a calix[6]arene bridged by an aniline 10879
Ross T. M. see Ince J. 7037
Rosser K. see Maligres P. E. 3327
Rossi E. and Pini E. *N*-Haloamidines—VII. 4-Amino-5-chloroimidazoles and 4-amino-5-unsubstituted imidazoles from *N*-chloro-*N'*-arylbenzamidines and 1,1-diaminoethenes 7939
Rossi E. see Arcadi A. 3997
Rossi F. M. Powers E. T. Yoon R. Rosenberg L. and Meinwald J. Preparation of 2,3-diamino acids: stereocontrolled synthesis of an aminated analog of the taxol side chain 10279
Rossi R. Bellina F. Carpita A. and Mazzarella F. Palladium-mediated cross-coupling reactions involving 3-substituted alkyl (*E*)-2,3-dibromopropenoates and arylzinc or aryltin derivatives 4095
Rothenberg G. and Sasson Y. Extending the haloform reaction to non-methyl ketones: oxidative cleavage of cycloalkanones to dicarboxylic acids using sodium hypochlorite under phase transfer catalysis conditions 13641
Rottländer M. see Klement I. 7201
Roussakis C. see D'Auria M. V. 9589
Roussakis C. see Iorizzi M. 10997
Roussis V. Fenical W.
Vagias C. Kornprobst J.-M. and Miralles J.

- Labiataides A, B, and other eunicellan diterpenoids from the Senegalese gorgonian *Eunicella labiata* 2735
- Roux M.-C.** Wartski L.
Nierlich M. and Lance M.
Enantioselective synthesis of unsubstituted and 3-substituted-4-aryl- δ -lactones. Easy way to enantiopure bicyclic lactone systems 10083
- Roversi P.** see Bernardi A. 3497
- Roversi P.** see Clerici F. 7183
- Roy A.** see Patra R. 11265
- Roy R.** see Ranganathan S. 9823
- Roy S. C. and Mandal P. K.** Regio- and stereoselective formation of dihydrofurans by ceric ammonium nitrate mediated oxidative [3 + 2] cycloaddition of 1,3-diketones to cinnamic esters 2193
- Roy S. C. and Mandal P. K.** Synthesis of fused acetals by ceric ammonium nitrate mediated cycloaddition of 1,3-dicarbonyl compounds to cyclic enol ethers 12495
- Roy S.** see Vuljanic T. 7983
- Royer D.**
Doé de Maindreville M.
Laronze J.-Y. Lévy J. and Wen R.
Reductive methylations of 2,7-dihydro derivatives of some oxygenated indole alkaloids like reserpine 9069
- Royer J.** see Billon-Souquet F. 15127
- Royo A. J.** see Fraile J. M. 9853
- Rozenski J.** see Doboszewski B. 1479
- Rozenski J.** see Hossain N. 13655
- Rozenski J.** see Hossain N. 5563
- Rozenski J.** see Leschinier T. 6965
- Rozov A. K.** see Kovalev V. V. 3983
- Rozov L. A.** see Ramig K. 319
- Rubin J. R.** see Woo P. W. K. 3857
- Rubin Y.** see An Y.-Z. 5179
- Rubinger M. M.** see Barbosa L. C. A. 11297
- Rubio González R.** see Fernández-Mateos A. 4817
- Rubiralta M.** see Forns P. 3563
- Rubiralta M.** see López I. 8581
- Rubiralta M.** see Rodríguez R. 7727
- Rudi A.** see Goobes R. 7921
- Ruiz M. P.** see Alvarez-Ibarra C. 11239
- Rumberg B.** see Derrick S. D. 7679
- Runsink J.** see Enders D. 1503
- Russell A. T.** see Baldwin J. E. 2515
- Russell A. T.** see Baldwin J. E. 2537
- Russell R. A.** see Scammells P. J. 4735
- Ryan J. M.** see Pandey R. K. 5349
- Ryan T. G.** see Bryant G. C. 809
- Ryglowski A. and Kafarski P.** Preparation of 1-aminoalkylphosphonic acids and 2-aminoalkylphosphonic acids by reductive amination of oxoalkylphosphonates 10685
- Sabat M.** see Henninger T. C. 14403
- Sabater M.-J.** see Fornés V. 7755
- Sadekov I. D.**
Maksimenko A. A. and Minkin V. I.
3H(3R)-Benz-2,1-oxatelluroles as synthons in synthesis of o-alkyl-tellurophenyl carbonyl compounds 3365
- Sadowska H.** see Kula J. 11321
- Saab W.** see Bringmann G. 13409
- Saengchantara S. T.** see Binns F. 3631
- Safont V. S.** see Domingo L. R. 10693
- Sagawa T.** see Tori M. 9999
- Sager J.** see Maligres P. E. 3327
- Saiprakash P. K.** see Rajanna K. C. 3669
- Saito I.** see Nakatani K. 9427
- Saito M.** see Nagashima H. 5053
- Saito S. Kuroda A.**
Matsunaga H. and Ikeda S.
Synthesis of chiral 3E,5E-octadiene-1,2*R*,7*R*,8-tetraol frameworks by means of palladium(II)-promoted hetero-Claisen rearrangement: mechanistic aspect 13919
- Saito S.** see Haraguchi K. 9469
- Saito S.** see Sakai M. 915
- Sajiki H. and Ong K. Y.**
Synthesis of *C*₂-symmetric (*S*,*S*)-1,4-dibenzyl-DTPA and 1,4-meso-dibenzyl-DTPA via chiral diamines 14507
- Sajiki H.** see Hirota K. 9971
- Sakai M. Saito S. Kanai G. Suzuki A. and Miyaura N.**
Olefination and hydroxymethylation of aldehydes using Knöchel's (dialkoxyboryl)methylcopper reagents 915
- Sakai T. Yan F. Kashino S. and Uneyama K.**
Asymmetric reduction of 2-(*N*-arylimino)-3,3-
- trifluoropropanoic acid esters leading to enantiomerically enriched 3,3,3-trifluoroalanine 233
- Sakakura T.** see Onozawa S. 4291
- Sakamoto A.** see Maezaki N. 6527
- Sakamoto K.** see Miyamoto T. 8187
- Sakamoto M. Nagano M. Suzuki Y. Satoh K. and Tamura O.**
Inter- and intramolecular Diels-Alder reactions using a highly reactive 1-aza-1,3-butadiene, ethyl (*E*)-3-(1,3-benzothiazol-2-yl)-3-cyanopropenoate 733
- Sakamoto Y.** see Yoneda R. 14563
- Sakane K.** see Barrett D. 8471
- Sakhivel K. Pathak T. and Suresh C. G.**
5'-O-Benzoyl-2'-keto-3'-deoxy- α -uridine: first unambiguous synthesis, crystal structure and its use to establish the anomeration of 2'-ketouridines under basic conditions 1767
- Sakhivel K. and Pathak T.** One-pot deoxygenative conversion of a ribonucleoside to enaminonucleosides involving 1,2-hydride shift rearrangement 4877
- Saladino R. Mincione E. Crestini C. and Mezzetti M.** Transformations of thiopyrimidine and thiopurine nucleosides following oxidation with dimethyldioxirane 6759
- Saladino R.** see Botta M. 10205
- Salemkour M.** see Bellassoued M. 4607
- Salvador R. V.** see Fraile J. M. 9853
- Samaritani S.** see Menicagli R. 1425
- Samson-Schulz E.** see Kranz A. 14827
- Sánchez A.** see Cobo J. 13721
- Sánchez A.** see Cobo J. 5845
- Sánchez-Baeza F.** see Calcagno M.-P. 10137
- Sánchez-Baeza F.** see Lluch A.-M. 3973
- Sánchez-Migallón A. de la Hoz A. Begtrup M. Fernández-Castano C. Foces-Foces C. and Elguero J.** Porphyrins with four azole substituents in *meso* positions—II. X-Ray crystal structure of *meso*-tetrakis[1-[2-(trimethylsilyl)ethoxy-methyl]pyrazol-5-yl]-porphyrin at 200 K 10811

- Sander W.** see Muchall H. M.
1965
- Sandhoff K.** see Schick A.
2945
- Sandonà G.** see Prato M. 5221
- Sandri S.** see Arcelli A. 4141
- Sañé J.** see Carilla J. 7013
- Sanetti A.** see Bovicelli P.
10969
- San Feliciano A.** see López-Pérez J. L. 4903
- Sansano J. M.** see Grigg R.
13441
- Santa María M. D.** see Cornago P. 11075
- Santelli M.** see Miloudi A. 9785
- Santelli M.** see Pellissier H.
9093
- Santillán, Jr A. and Kohn H.**
Novel ring transformations for
5,5a-dibromobicyclomycin and
derivatives 833
- Santos M^a J.** see Arias-Pérez M^a S. 10785
- Sápi A. Bertha F. Fetter J.**
Kajtár-Peredy M.
Keseru G. M. and
Lempert K.
On the anomalous behaviour
of certain 1-(4-methoxy-phenyl)azetidin-2-ones
towards cerium(IV)
ammonium nitrate (CAN).
Structure-reactivity studies
771
- Sapi J.** Dridi S. Laronze J.
Sigaut F. Patigny D.
Laronze J.-Y. Lévy J. and
Toupet L.
Indole as a tool in synthesis.
Indolenine approach to 4,5-
epoxy-10-normorphinans
8209
- Saquet M.** see Gulea-Purcărescu M. 2075
- Sarabia-García F. and López-Herrera F. J.**
Studies on the synthesis of
tunicamycin. The preparation
of 7-deoxy-2-deamino-6-
hydroxy tunicamine and
related products 4757
- Sardone N.** see Broggini G.
11849
- Sardone N.** see Desimoni G.
12019
- Sarhan A. A. O.**
El-Sherief H. A. H. and
Mahmoud A. M.
A convenient one-pot
synthesis of 2-benzimidazolyl-thioacetophenones and
thiazolo[3,2-a]benzimidazoles
10485
- Sartori G. Pastorio A.**
Maggi R. and Bigi F.
Dehydration-hydration of α-alkynols over zeolite catalyst.
Selective synthesis of
conjugated enynes and α,β-unsaturated ketones 8287
- Sasaki H.** see Barrett D. 8471
- Sasaki S.** see Fukazawa Y.
2301
- Sasaki T.** see Kobayashi J.
5745
- Sasaki T.** see Miyamoto T.
8187
- Sassaman M. B.**
Indirect monoalkylation of
primary and secondary
amines by reductive
decyanation of α-aminonitriles
with sodium
cyanoborohydride-mercury
bis(trifluoroacetate) 10835
- Sasson Y.** see Rothenberg G.
13641
- Sato E.** see Ikeda H. 8113
- Sato H. Isono N. Miyoshi I.**
and Mori M.
1,1-, 1,2-, and 1,4-eliminations
from the corresponding
dihalogenated compounds
using Bu₃SnSiMe₃F⁻ 8143
- Sato K.** see Takagi T. 12667
- Satoh K.** see Sakamoto M. 733
- Satoh T. and Takano K.**
A method for generation of α-
halo carbanions (carbenoids)
from aryl α-haloalkyl
sulfoxides with alkylmetals
2349
- Sattigeri J. A.** see Kasturi T. R.
1707
- Sattler A. and Haufe G.**
A facile two-step synthesis of
(ω-1)-fluoroalkan-ω-olides:
influence of a vicinal fluorine
substituent in nucleophilic
substitutions 5469
- Saudan L.** see Kündig E. P.
7363
- Saunders C. M. Bonnet S. L.**
Steynberg J. P. and
Ferreira D.
Oligomeric flavanoids—XXIV.
Controlled biomimetic
synthesis of profisetinidin
triflavanoid related
phlobatannins 6003
- Saunders M.** see Shimshi R.
5143
- Sauvage J.-P.** see Kern J.-M.
10921
- Saux A.** see Helgorský C. 8263
- Savelon L.** see Desarbre E.
2983
- Savignac P.** see Waschbüsch R. 14199
- Savirón M.** see Garín J. 11063
- Savoia D.** see Alvaro G. 12571
- Sawaki Y.** see Kimura M. 4303
- Scammells P. J. Baker S. P.**
Bellardinelli L. Olsson R. A.
Russell R. A. and
Wright D. M. J.
The synthesis of the novel
adenosine agonists, exo- and
endo-N⁶-(5,6-epoxynorborn-2-
yl)adenosine 4735
- Scappini A. M.** see Cipiciani A.
9869
- Schaade M.** see Csuk R. 6397
- Schaade M.** see Csuk R. 9759
- Schaefer F.** see Williams R. M.
1149
- Schanding T. Vogel P. D.**
Trommer W. E. and
Wise J. G.
Synthesis of a pH-sensitive
spin-labeled cyclohexyl-
carbodiimide derivative for
probing protonation reactions
in proton-pumping enzymes
5783
- Schaumann E.** see Tornus I.
725
- Scheeren H. W.** see Schuurman R. J. W. 8307
- Schell H.** see Peer M. 7547
- Scherrmann M.-C.** see Dondoni A. 3057
- Scheuer P. J.** see Ichiba T.
14079
- Scheuer P. J.** see Szabo C. M.
9681
- Schiavon G.** see Berlin A. 7947
- Schick A. Kolter T. Giannis A.**
and Sandhoff K.
Synthesis of phosphoramido
analogues of sphinganine-1-
phosphate 2945
- Schick U.** see Henniges H.
11545
- Schierle K.** see Danielmeier K.
9743
- Schiesser C. H. and Wild L. M.**
Free-radical homolytic
substitution: new methods for
formation of bonds to
heteroatoms 13265
- Schiffer T.** see Herdeis C.
14745
- Schinzer D. and Ringe K.**
Total syntheses of (±)-β-
pinguisene and (±)-
pinguisenol 7475
- Schirlin D. Baltzer S.**
Altenburger J. M. Tarnus C.
and Remy J. M.
Difluoromethyleneketone
retroamide: a versatile
concept of inactivation of
proteolytic enzymes 305
- Schkeryantz J. M. and Pearson W. H.**
An efficient synthesis of (±)-
crinane using an
intramolecular azide–olefin
cycloaddition 3107
- Schlosser M. Michel D.**
Guo Z. and Sih C. J.
α-Fluoro analogues of
inflammation inhibiting α-
arylpropionic acids 8257
- Schlosser M. and Michel D.**
About the ‘physiological size’
of fluorine substituents:
comparison of sensorially
active compounds with
fluorine and methyl
substituted analogues 99
- Schlosser M.** see Keller H.
4637
- Schlosser M.** see Mävers U.
3223

- Schlosser M.** see Michel D. 2429
- Schlosser M.** see Shi G. 4403
- Schmid T.** see Ugi I. 11657
- Schmidt B.** Kocienski P. and Reid G.
A synthesis of oxolenes and furans via oxacyclopentylidene chromium and molybdenum complexes 1617
- Schmidt J.** see Voigt B. 1997
- Schmidt M.** Hervé S.
Klempier N. and Griengl H.
Preparation of optically active cyanohydrins using the (S)-hydroxynitrile lyase from *Hevea brasiliensis* 7833
- Schmitt G.** see Keyling-Bilger F. 14891
- Schoffers E.** Golebiowski A. and Johnson C. R.
Enantioselective synthesis through enzymatic asymmetrication 3769
- Schröder F.** Franke S.
Francke W. Baumann H.
Kaib M. Pasteels J. M. and Dalozzo D.
A new family of tricyclic alkaloids from *Myrmicaria* ants 13539
- Schroeder C.** Lutterbach R. and Stöckigt J.
Preparative biosynthesis of natural glucosides and fluorogenic substrates for β -glucosidases followed by *in vivo* ^{13}C NMR with high density plant cell cultures 925
- Schroth W.** Dunger S.
Billig F. Spitzner R.
Herzschnuh R. Vogt A.
Jende T. Israel G.
Barche J. Ströh D. and Sieler J.
1,2-Dithiines and precursors—XVI. Synthesis, structure, and reactivity of non-anellated 1,2-dithiines 12677
- Schuchardt U.** see Shul'pin G. B. 13051
- Schüle G.** and Ziegler T.
Efficient convergent block synthesis of a pyurated tetrasaccharide 5-aminoxyethyl glycoside related to *Streptococcus pneumoniae* type 27 2925
- Schultz K.** and Hesse M.
Total synthesis of the spermidine alkaloid (+)-(9S,13S)-isocycloelabenzine 14189
- Schulz E.** see Meille V. 3953
- Schulz M.** Kluge R.
Liebsch S. Lessig J.
Halik M. and Gadissa F.
Diastereoselective epoxidation and bishydroxylation of cyclic *tert*-butyl allyl peroxides 13151
- Schulz M.** see Kluge R. 2957
- Schulz M.** see Kluge R. 5773
- Schulze B.** Kirrbach S.
Illgen K. and Fuhrmann P.
Synthesis of stable hydroperoxides of sultams by oxidation of isothiazolium salts 783
- Schulze K.** see Ernst S. 791
- Schumann H.** see Baidossi W. 8349
- Schupp O.** see Annunziata R. 2573
- Schuster D. I.** see Wilson S. R. 5131
- Schuurman R. J. W.**
Linden A. v.d.
Grimbergen R. P. F.
Nolte R. J. M. and Scheeren H. W.
Effect of branching in alkyl groups of tertiary amines on their performance as catalysts in the high pressure promoted Baylis–Hillman reaction 8307
- Schwabenländer F.** see Herdeis C. 6409
- Schwan A. L.** see Refvik M. D. 8387
- Schwede W.** see Cleve A. 1529
- Schwedler J. T.** see Alfonso D. 4215
- Scognamiglio G.** see Guo Y. 14961
- Scognamiglio G.** see Guo Y. 8341
- Scolastico C.** see Bernardi A. 3497
- Scorrano G.** see Prato M. 5221
- Scott G. K.** see Higson A. P. 1027
- Scott L.** see Zhao W. 12373
- Seaman J. P.** see Jones R. A. 8707
- Sebastián R. M.** see Gálvez N. 1609
- Sebastián R. M.** see Moreno-Mañas M. 2269
- Sebastianiano R.** see Citterio A. 13227
- Sebesta D. P.** O'Rourke S. S.
Martinez R. L. Pieken W. A. and McGee D. P. C.
2'-Deoxy-2'-alkoxylaminouridines: novel 2'-substituted uridines prepared by intramolecular nucleophilic ring opening of 2,2'-O-anhydouridines 14385
- Secchi A.** see Arduini A. 6011
- Seebach D.** see Sting A. R. 279
- Seifert M.** and Kuck D.
Naphtho-anellated [5.6.5]- and [6.5.5.5]fenestranes 13167
- Seiler P.** see Timmerman P. 4925
- Seki N.** see Anan H. 10849
- Seldes A. M.** see Palermo J. A. 2727
- Selke R.** Ohff M. and Riepe A.
Asymmetric hydrogenation—fluence of the structure of carbohydrate derived catalysts on the relative enantioselectivity Q_{HMe} regarding acid and ester substrates and its inversion—selectivity increase in water by amphiphiles 15079
- Sello G.** see Alberti A. 10241
- Sello G.** see Pagliarin R. 13783
- Selva E.** see Tavecchia P. 8763
- Semenov V. V.** see Kislyi V. P. 10841
- Semones M. A.** see Miah S. 2489
- Senanayake C. B. W.** see Denmark S. E. 11579
- Senboku H.** Takashima M.
Suzuki M. Kobayashi K. and Sugimoto H.
Photoinduced molecular transformations—CLIX.
Formation of some furonaphthyridinones by selective β -scission of cyclobutanoyl radicals generated from [2 + 2] photoadducts of 4-hydroxy-1-phenyl[1,8]naphthyridin-2(1H)-one with alkenes 6125
- Sennhenn P.** see Peer M. 7547
- Seo Y.** Cho K. W. Rho J.-R.
Shin J. Kwon B.-M.
Bok S.-H. and Song J.-I.
Solandelactones A–I,
lactonized cyclopropyl oxylipins isolated from the hydroid *Solanderia secunda* 10583
- Sepulveda-Arques J.**
Armero-Alarte T.
Acero-Alarcón A.
Zaballos-García E.
Solesio B. Y. and Carrera J. E.
Stereoselective ring transformation of *N*-alkyl aziridines into oxazolidin-2-ones 2097
- Serafinowski P. J.** and Barnes C. L.
New method for the preparation of 3'- and 2'-phosphoramidites of 2'- and 3'-difluoromethyleneuridine 7929
- Serra-Zanetti F.** see Arcadi A. 3997
- Serratrice G.** see Caris C. 4659
- Sévenet T.** see Dumontet V. 6931
- Sewald N.** see Golubev A. S. 14757
- Sexton B.** see Herbert J. M. 15257
- Shafer C. M.** Morse D. I. and Molinski T. F.
Mechanism of SeO_2 promoted oxidative rearrangement of 2'-substituted oxazolines to dihydrooxazinones: isotopic labeling and kinetic studies 14475

- Shakhnin D. B.** see
Van Meervelt L. 8835
- Shan R.** Anke H. Stadler M.
and Stern O.
Papyracilic acid, a new
penicillic acid analogue from
the ascomycete *Lachnum
papyraceum* 10249
- Shanmugam P.** and
Rajagopalan K.
Synthesis of linearly fused
tricyclic compounds via
thermal oxy-Cope
rearrangement 7737
- Shao F.** see Williams L. 11673
- Sharghi H.** and **Tamaddon F.**
BeCl₂ as a new highly
selective reagent for
dealkylation of aryl-methyl
ethers 13623
- Sharma G. V. M.** see Marchand
A. P. 13531
- Sharma R.** see Mootoo B. S.
9953
- Sheehan S. M.** see Miah S.
2489
- Sheldon R. A.** see Barf G. A.
12971
- Sheldrick W. S.** see Kranz A.
14827
- Sheldrick W. S.** see Staroske T.
12723
- Shelton C. J.** see Mackay J. P.
5617
- Shestopalov A. M.** see
Artyomov V. A. 1011
- Shestopalov A. M.** see Kislyi V.
P. 10841
- Shi G.** Wang Q. and
Schlosser M.
Versatile 2-fluoroacrylic
building blocks for the
synthesis of fluorinated
heterocyclic compounds 4403
- Shi G.** see Alfonso D. 4215
- Shi X.** Attygalle A. B. Xu S.-C.
Ahmad V. U. and
Meinwald J.
Synthesis and absolute
configuration of 2-(12'-
aminotridecyl)-pyrrolidine, a
defensive alkaloid from the
Mexican bean beetle,
Epilachna varivestis 6859
- Shi Z.** see Lin G. 2187
- Shiba T.** see Kurome T. 4327
- Shibasaki M.** see Shimizu S.
13363
- Shibata J.** see Iwasawa Y.
13881
- Shibata N.** Baldwin J. E.
Jacobs A. and Wood M. E.
Electrophilic sulfenylation in a
stereocontrolled synthesis of
protected (2*R*,3*R*)-3-
mercaptoaspartic acid from L-
aspartic acid 12839
- Shibata T.** see Soai K. 13355
- Shibuya A.** Kurishita M.
Ago C. and Taguchi T.
A highly diastereoselective
synthesis of *trans*-3,4-
- (difluoromethano)glutamic
acid 271
- Shibuya S.** see Yokomatsu T.
11725
- Shigemori H.** Tanaka Y.
Yazawa K. Mikami Y. and
Kobayashi J.
Brasilinolide A, new
immunosuppressive macrolide
from actinomycete *Nocardia
brasiliensis* 9031
- Shigemori H.** see Hosoyama H.
13145
- Shigemori H.** see Kobayashi J.
5391
- Shigemori H.** see Wang X.
12159
- Shigemori H.** see Wang X.
2337
- Shike A.** see Kusukawa T.
4995
- Shim S. B.** see Beard M. J.
3719
- Shimizu K.** see Araki S. 2803
- Shimizu M.** see Mikami K. 7287
- Shimizu N.** see Eto M. 13909
- Shimizu S.** Nakamura S.
Nakada M. and Shibasaki M.
Total synthesis of (+)-
tautomycin 13363
- Shimshi R.** Khong A.
Jiménez-Vázquez H. A.
Cross R. J. and Saunders M.
Release of noble gas atoms
from inside fullerenes 5143
- Shin H. J.** Matsuda H.
Murakami M. and
Yamaguchi K.
Agardipeptins A and B, two
new cyclic hepta- and
octapeptide, from the
cyanobacterium *Oscillatoria
agardhii* (NIES-204) 13129
- Shin H. J.** Murakami M.
Matsuda H. and
Yamaguchi K.
Microviridins D-F, serine
protease inhibitors from the
cyanobacterium *Oscillatoria
agardhii* (NIES-204) 8159
- Shin J.** see Seo Y. 10583
- Shin-Ike T.** see Maeda H.
12165
- Shinada T.** see Barton D. H. R.
14673
- Shinada T.** see Barton D. H. R.
2717
- Shinkai I.** see Abramovitch R. A.
3339
- Shinkai S.** see Imada T. 2817
- Shinkai S.** see Lhoták P. 12399
- Shinkai S.** see Takeuchi M.
1195
- Shinkai S.** see Takeuchi M.
12931
- Shinmori H.** see Takeuchi M.
1195
- Shinoda S.** see Osuka A. 4311
- Shinokubo H.** Oshima K. and
Utimoto K.
Facile syntheses of α -bromo-
 α -silyl ketones and α -
bromoacylsilanes from *tert*-
- butyldimethylsilyldibromomethane and carbonyl compounds 14533
- Shinozuka K.** see Ishida T.
5103
- Shioiri T.** see Hamada Y. 8297
- Shioiri T.** see Matsumoto T.
13521
- Shioiri T.** see Matsumoto T.
5961
- Shioiri T.** see Matsumoto T.
5971
- Shioiri T.** see Matsumoto T.
7807
- Shipman M.** see Corlay H.
4883
- Shipman M.** see Ince J. 7037
- Shirahama H.** see Hashimoto
M. 1931
- Shirahama H.** see Morimoto Y.
10609
- Shirahama H.** see Morimoto Y.
10631
- Shirai R.** see Morisaki N. 9017
- Shirai R.** see Onoda T. 13327
- Shirai R.** see Onoda T. 14543
- Shirakawa Y.** see Ohno M.
4983
- Shiraki M.** see Nemoto H.
13339
- Shiriny F.** see Firouzabadi H.
14929
- Shiro M.** see Morita H. 1165
- Shiro M.** see Onozawa S. 4291
- Shirota O.** see Kamano Y.
2369
- Shirota O.** see Morita H. 2795
- Shishido A.** see Morita H. 1165
- Shivaramayya K.** see Das S.
3425
- Shokova E. A.** see Kovalev V.
V. 3983
- Shu C.** Yuan T. Ku M. Ho Z.
Liu W. Tang F. and Lin L.
Diallylbis(arylazo)calix[4]arene
s: the syntheses of
calix[4]arenes with two
different para-substituents
9805
- Shu C.** see Ho Z. 13189
- Shu S. F.** see Chiang L. Y.
4963
- Shukla R.** see Bartsch R. A.
8979
- Shukla R.** see Marchand A. P.
13531
- Shul'pin G. B.** Guerreiro M. C.
and Schuchardt U.
Oxidations by the reagent
O₂-H₂O₂-vanadium
complex-pyrazine-2-
carboxylic acid-VII.
Hydroperoxidation of higher
alkanes 13051
- Shvets V. I.** see Ivanova D. I.
9581
- Shvetsov A. S.** see Khomutov
A. R. 13751
- Sibandhit S.** see Lavastre O.
5495
- Sicker D.** see Kluge M. 10389
- Siddiqui M. N.** see Ali Sk. A.
14917

- Sieburth S. McN. Somers J. J. and O'Hare H. K.**
 α -Alkyl- α -aminosilanes—I. Metalation and alkylation between silicon and nitrogen 5669
- Sieburth S. McN. and Cunard N. T.**
 The [4 + 4] cycloaddition and its strategic application in natural product synthesis 6251
- Sieburth S. McN. and Somers J. J.**
 α -Alkyl- α -aminosilanes—II. A ^2H NMR study of organolithium stabilization by silicon and by phenyl in solution 5683
- Sieler J.** see Ernst S. 791
- Sieler J.** see Schroth W. 12677
- Sierra M. A.** see Alcaide B. 13215
- Sigaut F.** see Sapi J. 8209
- Sigismondi S.** see Goux C. 9521
- Sigman D. S.** see An Y.-Z. 5179
- Sih C. J.** see Schlosser M. 8257
- Sikora M.** see Kula J. 11321
- Sikorski J. A.** see Gupton J. T. 6879
- Silvani A.** see Danieli B. 11291
- Simig G.** see Németh G. 12821
- Simon C.** see Marton J. 2449
- Simon K.** see Agai B. 6713
- Simon M.** see Camps P. 5867
- Simonet J.** see Douadi T. 4449
- Simonov Y.** see Tighineanu E. 12475
- Simova S.** see Dimitrov V. 1699
- Simpson M. J.** see Al Dulayymi J. R. 12509
- Sinbandhit S.** see Kharraz B. 4423
- Sinbandhit S.** see Morel G. 10095
- Sinclair D. J.** see Edwards G. L. 7779
- Singh H.** see Kumar S. 13483
- Singh H.** see Singh K. 14273
- Singh J.** see Singh K. 14273
- Singh K. Singh J. and Singh H.**
 A synthetic entry into fused pyran derivatives through carbon transfer reactions of 1,3-oxazinanes and oxazolidines with carbon nucleophiles 14273
- Singh V. and Jagadish B.**
 Rearrangement in *endo* annulated bicyclo[2.2.2]octenone framework: a new route to functionalized tricyclo[5.3.1.0^{2,6}] ring system and *cis:syn:cis* tricyclopentanoids 3693
- Singh V. and Porinchu M.**
 Sigmatropic 1,2- and 1,3-acyl shifts in excited states: a novel, general protocol for the synthesis of tricyclopentanoids and protoilludanes 7087
- Singh V. and Prathap S.**
 Photochemical reactions in organic synthesis: a novel and efficient route to angular and linear tetraquinanes 14287
- Singh V. K.** see Raina S. 4479
- Sinou D.** see Goux C. 9521
- Sisko J.** see Cheruskas J. P. 3135
- Sisti M.** see Cravotto G. 13007
- Sisti M.** see Pagliarin R. 13783
- Sitachitta N. Gadepalli M. and Davidson B. S.**
 New α -pyrone-containing metabolites from a marine-derived actinomycete 8073
- Siv C.** see Principato B. 2087
- Sjöberg S.** see Malmquist J. 9207
- Skelton B. W.** see Ung A. T. 14069
- Skinner G. A.** see Tyrrell E. 9841
- Skordalakes E.** see Green D. 10215
- Skoulika S.** see Cobb J. 4485
- Skowronek P.** see Gawronski J. 13201
- Slater J. C.** see Ojima I. 209
- Slawin A. M. Z.** see Clasby M. C. 4769
- Slawin A. M. Z.** see Corlay H. 4883
- Slawin A. M. Z.** see Ince J. 7037
- Slawin A. M. Z.** see Miah S. 2489
- Sloan M. J.** see Elliott I. W. 8063
- Smerz A. K.** see Adam W. 5799
- Smith A. M.** see Craig D. 15267
- Smith D. R.** see Constable E. C. 935
- Smith G. T.** see Howard J. A. K. 12613
- Smith K. M.** see Iakovides P. 1123
- Smith K. M.** see Pandey R. K. 5349
- Smith L. L.** see Gupton J. T. 6879
- Smith, III A. B. and Tokuyama H.**
 Nitrene additions to [60]fullerene do not generate [6,5] aziridines 5257
- Smits S. A. W.** see Zegelaar-Jaarsveld K. 3593
- Smolii O. B.** see Van Meerelt L. 8835
- Snider B. B. and Kiselgof E. Y.**
 $\text{Mn}(\text{III})$ -based oxidative free radical cyclizations of unsaturated 2-cyclohexenones and aldehydes 6073
- Snyder J. K.** see Zhao W. 12373
- Soai K. Inoue Y. Takahashi T. and Shibata T.**
 Asymmetric synthesis of chiral diols by the catalytic enantioselective dialkylation of tere-, iso-, and phthalaldehydes, and by a catalytic enantioselective autoinductive reaction 13355
- Sobkowski M.** see Kers A. 9931
- Socha D.** see Jurczak M. 1411
- Soejima M.** see Maezaki N. 6527
- Solans X.** see Camps P. 5867
- Solans X.** see Forns P. 3563
- Solé D. Bosch J. and Bonjoch J.**
 3a-(α -Nitrophenyl)octahydroindol-4-ones: synthesis and spectroscopic analysis 4013
- Solesio B. Y.** see Sepulveda-Arques J. 2097
- Solladé G. Boeffel D. and Maignan J.**
 Aromatic ring synthesis by 1,3-Michael–Claisen annulation: application to a Trolox analogue and to Precocene II 2065
- Solomon F.** see Rajanna K. C. 3669
- Soloshonok V. A. Avilov D. V. and Kukhar V. P.**
 Asymmetric aldol reactions of trifluoromethyl ketones with a chiral Ni(II) complex of glycine: stereocontrolling effect of the trifluoromethyl group 12433
- Soloshonok V. A. Kacharov A. D. and Hayashi T.**
 Gold(I)-catalyzed asymmetric aldol reactions of isocyanoacetic acid derivatives with fluoroaryl aldehydes 245
- Soloshonok V. A. and Kukhar V. P.**
 Biomimetic base-catalyzed [1,3]-proton shift reaction. A practical synthesis of β -fluoroalkyl- β -amino acids 6953
- Soloshonok V. A. and Ono T.**
 The effect of substituents on the feasibility of azomethine–azomethine isomerization: new synthetic opportunities for biomimetic transamination 14701
- Somers J. J.** see Sieburth S. McN. 5669
- Somers J. J.** see Sieburth S. McN. 5683
- Somsáti L. Sós E. Györgydeák Z. Praly J.-P. and Descotes G.**
 Synthesis and some transformations of 1-azido-glycopyranosyl cyanides—

- precursors of anomeric α -amino acids 9121
- Song J.-I.** see Seo Y. 10583
- Sono M.** see Tori M. 9999
- Sonoda N.** see Maeda H. 12165
- Sørensen P. O.** see Andersen K. E. 3375
- Sós E.** see Somsák L. 9121
- Soulié J., Faigt T., Betzer J.-F. and Lallemand J.-Y.**
General access to polyhydroxylated nortropane derivatives through hetero Diels-Alder cycloaddition—II. Synthesis of (\pm) calystegine B₂ 15137
- Soundararajan N.** see Marinelli E. R. 11177
- Spadola F.** see Cacciapaglia R. 8867
- Spalluto G.** see Barco A. 4719
- Spannenberg A.** see Kless A. 14599
- Spanu P., Rassu G., Ulgheri F., Zanardi F., Battistini L. and Casiraghi G.**
Divergent synthesis of 3-amino-3-deoxy- and 4-amino-4-deoxyhexoses 4829
- Speckamp W. N.** see Louwrier S. 2603
- Spek A. L.** see Hoogesteger F. J. 1773
- Spencer N.** see McKinnell D. 10159
- Spickermann J.** see Gügel A. 5007
- Spijker N. M., Keuning C. A., Hooglugt M., Veereman G. H. and van Boeckel C. A. A.**
Synthesis of a hexasaccharide corresponding to a porcine zona pellucida fragment that inhibits porcine sperm–oocyte interaction *in vitro* 5945
- Spinelli D.** see Dell'Erba C. 3313
- Spiteller G.** see Kern W. 4347
- Spitzner R.** see Schroth W. 12677
- Sprinz J.** see Peer M. 7547
- Spunta G.** see Cainelli G. 1685
- Sridharan V.** see Grigg R. 11479
- Srikrishna A., Reddy T. J. and Viswanjanani R.**
Reduction of quinolines to 1,2,3,4-tetrahydro derivatives employing a combination of NaCNBH₃ and BF₃OEt₂ 1631
- Srinivasan C.** see Velusamy P. 3487
- Srinivasan P. C.** see Abramovitch R. A. 3339
- Srirajan V.**
Deshmukh A. R. A. S. and Bhawal B. M.
An efficient synthesis of *cis*-3-hydroxy-4-phenyl- β -lactams:
- precursor for taxol side chain 5585
- Srirajan V., Puranik V. G., Deshmukh A. R. A. S. and Bhawal B. M.**
An efficient use of Oppolzer sultam for diastereospecific synthesis of *cis*- β -lactams 5579
- Srirajan V.** see Jayaraman M. 3741
- Stadler M.** see Shan R. 10249
- Stadler S.** see Gompper R. 14607
- Stählandske C.** see Bergman J. 753
- Staroske T., Hennig L., Welzel P., Hofmann H.-J., Müller D., Häusler T., Sheldrick W. S., Zillikens S., Gretzer B., Pusch H., Glitsch H. G.**
Synthesis and pharmacological properties of cardenolides substituted at the butenolide part 12723
- Statham K. A.** see Beard M. J. 3719
- Statkova-Abeghe S. M.** see Venkov A. P. 1451
- Stavber S.** see Zupan M. 11341
- Stawinski J.** see Kers A. 9931
- Steckhan E.** see Danielmeier K. 9743
- Stefani H. A.** see Comasseto J. V. 9687
- Steffan B.** see Ye Y. 5793
- Steglich W.** see Hamprecht D. 10883
- Steglich W.** see Ye Y. 5793
- Stein A.** see Zervosen A. 2395
- Steinhagen H.** see Peer M. 7547
- Steinig A. G.** see Ang K. H. 11503
- Stephenson P. T.** see Bowman W. R. 11445
- Stepp M.** see Corlay H. 4883
- Sterling J.** see Vogel K. 3049
- Sternr O.** see Jonassohn M. 1473
- Sternr O.** see Shan R. 10249
- Sternr O.** see Tane P. 14989
- Stevens C.** see De Kimpe N. 3303
- Stevens K. L.** see Lipshutz B. H. 7265
- Stevenson P. J.** see McAlonan H. 12521
- Stevenson P.** see Grigg R. 11479
- Steynberg J. P.** see Saunders C. M. 6003
- Stiasny H.-C.** see Hoffmann R. W. 7421
- Sting A. R. and Seebach D.**
Synthesis of (2*R*,3*S*)- or (2*S*,3*R*)-2-amino-3-trifluoromethyl-3-hydroxyalkanoic acid derivatives (threonine and *allo*-threonine analogs) from enantiopure 4,4,4-trifluoro-3-hydroxybutanoic acid 279
- Stipa P.** see Bruni P. 6795
- Stipa P.** see Carloni P. 11257
- Stockigt J.** see Schroeder C. 925
- Stoeckli-Evans H.** see Marty M. 4645
- Storr R. C.** see Tomé A. C. 1723
- Storr R. C.** see Tomé A. C. 1735
- Storr R. C.** see White L. A. 3117
- Stowers J. R.** see Abramovitch R. A. 3339
- Strazzolini P.** see Giumanini A. G. 7137
- Streith J.** see Behr J.-B. 3283
- Streith J.** see Tschauder T. 6201
- Strekowski L., Janda L., Patterson S. E. and Nguyen J.**
Amination by lithium alkylamide reagents of ketimines derived from 2-(trifluoromethyl)anilines and methyl halophenyl ketones and their cyclization products 2-(halophenyl)quinolin-4-amines 3273
- Ströh D.** see Schroth W. 12677
- Strubinger A.** see Cuenca A. 11665
- Stucke H.** see Hoffmann H. M. R. 11783
- Stucke H.** see Nowitzki O. 11799
- Stuerga D. and Gaillard P.**
Microwave heating as a new way to induce localized enhancements of reaction rate. Non-isothermal and heterogeneous kinetics 5505
- Suarez A. I., Lin J. and Thompson C. M.**
Synthesis and *pKa* evaluation of model phosphonamidic, phosphonamidothioic and phosphonamidodithioic acids 6117
- Suaa R., López-Romero J. M., Rico R., Alonso F. J. and Lobo C.**
A new approach to the synthesis of 4,5-dioxoaporphine alkaloids from preformed biaryl bond precursors 11307
- Subburaj K.** see Murugesh M. G. 2217
- Subramanian L. R.** see Martinez A. G. 7973
- Suckling C. J.** see Dunn C. 13017
The synthesis of fluorine-containing pterins 13017
- Sudharshan M.** see Keynes M. N. 8685
- Sufi B. A.** see Bennasar M.-I. 8601

- Sugai T., Ikeda H. and Ohta H.** Biocatalytic approaches to both enantiomers of (*2R*,3S**)-2-allyloxy-3,4,5,6-tetrahydro-2*H*-pyran-3-ol 8123
- Sugai T.** see Ikeda H. 8113
- Sugihara T.** see Copéret C. 11529
- Sugihara Y.** see Murafuji T. 13933
- Suginome H.** see Senboku H. 6125
- Suguna Hyma R.** see Basavaiah D. 1253
- Suguna Hyma R.** see Basavaiah D. 8001
- Sukirthalingam S.** see Grigg R. 11479
- Suksamrarn A.**
- Charoensuk S. and Yingyongnarongkul B.** Synthesis and biological activity of 3-deoxyecdysteroid analogues 10673
- Suksamrarn A. and Yingyongnarongkul B.** Synthesis and biological activity of 2-deoxy-20-hydroxyecdysone and derivatives 12623
- Suliman N. N. E.** see Fornés V. 7755
- Sun B., Adachi K. and Noguchi M.** Intramolecular 1,3-dipolar cycloaddition at the periphery of heterocyclic systems—III. A facile hydrazone–azomethine imine isomerization at the periphery of pyridine and pyrido[1,2-a]pyrimidine systems 901
- Sun B.** see Gotoh M. 887
- Sun C. M.** see Ojima I. 209
- Sund C., Puri N. and Chattopadhyaya J.** Synthesis of C-branched spermine tethered oligo-DNA and the thermal stability of the duplexes and triplexes 12275
- Sundberg R. J.** see Henninger T. C. 14403
- Sundell S.** see Garg N. 15209
- Suresh C. G.** see Sakthivel K. 1767
- Suresh J. R.** see Yadav K. M. 4679
- Surivet J.-P., Goré J. and Vatele J.-M.** Enantioselective synthesis of (+)-goniodiol and of its naturally occurring acetylated analogs 14877
- Sustmann R.** see Mazik M. 3939
- Suwinski J.**
- Szczepankiewicz W. and Holt E. M.** Reactions of 1,4-dinitroimidazoles with hydrazines 14905
- Suwinski J., Wagner P. and Holt E. M.** Reduction of aromatic nitrocompounds by sodium borohydride in methanol in the presence of sodium methoxide 9541
- Suzuki A.** see Sakai M. 915
- Suzuki M.** see Senboku H. 6125
- Suzuki N.** see Torisawa Y. 10597
- Suzuki S.** see Suzuki T. 4973
- Suzuki T., Kikuchi K., Oguri F., Nakao Y., Suzuki S., Achiba Y., Yamamoto K., Funasaka H. and Takahashi T.** Electrochemical properties of fullerolanthanides 4973
- Suzuki T.** see Takeuchi Y. 225
- Suzuki Y.** see Sakamoto M. 733
- Sypniewski M.** see Makosza M. 3189
- Szabo C. M., Nakao Y., Yoshida W. Y. and Scheuer P. J.** Two diverse constituents of the cephalaspidean mollusk *Smaragdinella calyculata* 9681
- Szabó Z.** see Marton J. 2449
- Szántay C., Kardos-Balogh Z., Moldvai I., Szántay, Jr C., Temesvári-Major E. and Blaskó G.** A practical enantioselective synthesis of epibatidine 11053
- Szántay, Jr C.** see Szántay C. 11053
- Szczepankiewicz W.** see Suwinski J. 14905
- Szelinski H., Niethammer D., Tian P. and Kurreck H.** Porphyrins linked to high acceptor strength cyano quinones as models for the photosynthetic reaction center 8497
- Szunerits S.** see Oguntoye E. 7771
- Szymoniak J., Felix D., Besançon J. and Moïse C.** A simple and practical synthesis of 3,10-disubstituted β-pinene derivatives 4377
- Tabor A. B.** Synthesis of a peptide–intercalator hybrid based on the bZIP motif from GCN4 2229
- Tacconi G.** see Desimoni G. 12009
- Taddei M.** see Ciapetti P. 7379
- Tagarelli A.** see Bartoli G. 9179
- Tagliatela-Scafati O.** see Cafieri F. 13713
- Taguchi T.** see Okada M. 8135
- Taguchi T.** see Shibuya A. 271
- Tai K.** see Miyashita K. 12125
- Taillefer M.** see Cristau H. J. 2005
- Tait A., Ganzerli S. and Di Bella M.** Synthesis and free radical scavenging activity of 4-(*2H*-1,2,4-benzothiadiazina-1,1-dioxide-3-yl)-2,6-bis(1,1-dimethylethyl)phenols 12587
- Takada H.** see Tsubuki M. 14515
- Takagi T., Nakamoto M., Sato K., Koyama M., Ando A. and Kumadaki I.** Synthesis of fluorine compounds using zinc complex of halothane 12667
- Takagi T.** see Omote M. 13961
- Takahashi K.** see Kashima C. 10335
- Takahashi S., Terayama H. and Kuzuhara H.** Synthetic studies on a potential endoglycosidase inhibitor: chemical conversion of *N,N*-diacetylchitobiose into a pseudodisaccharide containing 2-acetamido-1,2-dideoxynojirimycin 13315
- Takahashi T.** see Akasaka T. 5015
- Takahashi T.** see Kaga H. 8451
- Takahashi T.** see Soai K. 13355
- Takahashi T.** see Suzuki T. 4973
- Takakura K.** see Murafuji T. 13933
- Takampon A.** see Pohmakotr M. 7149
- Takano K.** see Satoh T. 2349
- Takaoka S.** see Tori M. 6339
- Takaoka S.** see Yoshida T. 14487
- Takasaki T.** see Mikami K. 85
- Takashima M.** see Senboku H. 6125
- Takeda M.** see Maezaki N. 6527
- Takeda T.** see Tori M. 6339
- Takemoto Y., Kuraoka S., Hamae N., Aoe K., Hiramatsu H. and Iwata C.** Enantioselective Cu-catalyzed 1,4-addition of Me_3Al to a 4,4-disubstituted cyclohexa-2,5-dienone 14177
- Takesako K.** see Kurome T. 4327
- Takeshita H.** see Kato N. 3921
- Takeuchi M., Koumoto K., Goto M. and Shinkai S.** Efficient glucoside extraction mediated by a boronic acid with an intramolecular quaternary ammonium ion 12931
- Takeuchi M., Mizuno T., Shimomori H., Nakashima M. and Shinkai S.** Fluorescence and CD spectroscopic sugar sensing

- by a cyanine-appended diboronic acid probe 1195
- Takeuchi M.** see Imada T. 2817
- Takeuchi Y., Yamada A.**
Suzuki T. and Koizumi T.
Synthetic studies towards proline amide isosteres, potentially useful molecules for biological investigations 225
- Takeya K.** see Morita H. 1165
- Takeya K.** see Morita H. 2795
- Talafuse L. K.** see Marchand A. P. 9703
- Tamaddon F.** see Sharghi H. 13623
- Tamamura H.** see Ibuka T. 11739
- Tamao K., Kawachi A.**
Tanaka Y., Ohtani H. and Ito Y.
Synthetic applications of functionalized silyl anions: aminosilyl anions as hydroxy anion equivalent 5765
- Tamiaki H., Miyata S.**
Kureishi Y. and Tanikaga R.
Aggregation of synthetic zinc chlorins with several esterified alkyl chains as models of bacteriochlorophyll-c homologs 12421
- Tamilarasu N.** see Ranganathan S. 9823
- Tamogami S.** see Kitahara T. 1487
- Tamura O.** see Sakamoto M. 733
- Tanabe K.** see Torisawa Y. 10597
- Tanaka A.** see Konno H. 9399
- Tanaka H., Kikuchi R. and Torii S.**
Chemoselective aerobic oxidation of penicillin and cephalosporin derivatives into sulfoxides 2343
- Tanaka H.** see Haraguchi K. 9469
- Tanaka K.** see Derrick S. D. 7679
- Tanaka M.** see Onozawa S. 4291
- Tanaka T., Maeda K.**
Mikamiyama H.
Funakoshi Y., Uenaka K. and Iwata C.
Synthetic studies on aromadendrane-type compounds—III. Stereoselective total syntheses of (+)-aromadendrene and (-)-alloaromadendrene 4257
- Tanaka T.** see Maezaki N. 6527
- Tanaka Y.** see Shigemori H. 9031
- Tanaka Y.** see Tamao K. 5765
- Tane P., Tsopmo A.**
Ngokom D., Ayafor J. F. and Sternier O.
New friedelane triterpenes
- from *Lepidobotrys staudtii* 14989
- Tang F.** see Shu C. 9805
- Tang Y., Chi Z.-F., Huang Y.-Z.**
Dai L.-X. and Yu Y.-H.
Highly stereoselective synthesis of vinyl and ethynylcyclopropane 1,1-dicarboxylic esters via semi-stabilized telluronium ylides 8747
- Tanikaga R.** see Tamiaki H. 12421
- Tapia Hernández C.** see Fernández-Mateos A. 4817
- Tarnaud E.** see Perrée-Fauvet M. 13569
- Tarnaud E.** see Verchère-Béaur C. 13589
- Tarnus C.** see Schirlin D. 305
- Tarrant J. G.** see Bauta W. E. 14081
- Tarrant J.** see Magnus P. 14103
- Tarrant J.** see Magnus P. 14147
- Tartar A. L.** see Pop I. E. 12209
- Tascioglu S.**
Micellar solutions as reaction media 11113
- Taskesenligil Y.** see Dastan A. 14005
- Tate E.** see Elliott I. W. 8063
- Tatò M.** see D'Ambrosio M. 8899
- Tavani C.** see Dell'Erba C. 3313
- Tavani C.** see Dell'Erba C. 5889
- Tavecchia P., Kurz M.**
Colombo L., Bonfichi R.
Selva E., Locuero S.
Marzorati E. and Ciabatti R.
Chemical modification of the GE 2270A macrocycle (MDL 62,879) 8763
- Taylor P. D.** see Patel M. K. 1835
- Taylor R. A.** see Higson A. P. 1027
- Taylor R. J. K.** see McNaughton-Smith G. A. 2113
- Taylor R.** see Avent A. G. 5235
- Tejero T.** see Junquera F. 7045
- Tejero T.** see Junquera F. 7807
- Temesvári-Major E.** see Szántay C. 11053
- Terada M.** see Mikami K. 85
- Terashima S.** see Nakajima N. 1177
- Terayama H.** see Takahashi S. 13315
- Terzis A.** see Bojilova A. 12597
- Teshima T.** see Watanabe M. 2827
- Teso Vilar E.** see García Martínez A. 14041
- Testaferri L.** see Tiecco M. 11841
- Testaferri L.** see Tiecco M. 6811
- Tetsu M.** see Fukuda H. 157
- Tewes G., Hirschfelder A. and Eilbracht P.**
Stereoselective synthesis of 2-exo-functionalized bicyclo[3.2.1]oct-3-en-8-ones by iron mediated carbonylation of bicyclo[4.1.0]hept-2-enes 5449
- Texier-Boulet F.** see Jolivet S. 5819
- Thakur S. K. and Hosangadi B. D.**
Synthesis of photochromic spiroindolinopyrans with extended conjugation 8755
- Thal C.** see Ducrot P. 6699
- Tharin M.** see Franz A. 11643
- Theuer R.** see Kollenz G. 5427
- Thijs L.** see Funaki I. 12253
- Thijs L.** see Funaki I. 9909
- Thirot S.** see Bisagni E. 10427
- Thoisson O.** see Dumontet V. 6931
- Thom S.** see Bauta W. E. 14081
- Thom S.** see Magnus P. 14147
- Thomas A., Anilkumar G. and Nair V.**
Photolytic double decarbonylation route to highly substituted indenes and benzene derivatives 2481
- Thompson C. M.** see Suarez A. I. 6117
- Thopate S. R.** see Kulkarni M. G. 1293
- Thorburn P.** see Banks M. R. 4079
- Thorne A. J.** see Bryant G. C. 809
- Thornton-Pett M.** see Dondas H. A. 13455
- Thornton-Pett M.** see Procter D. J. 1841
- Thorp M. S.** see Beagley B. 10193
- Thuong N. T.** see Raynaud F. 2047
- Thuong N. T.** see Truffert J.-C. 3005
- Thøgersen H.** see Andersen K. E. 3375
- Tian P.** see Szelinski H. 8497
- Tian X.** see Hu S. 8739
- Tiecco M., Testaferri L. and Bagnoli L.**
Alkenyl nitrones cyclizations induced by phenylselenenyl bromide. A convenient synthetic route to 1,2-oxazines 6811
- Tiecco M., Testaferri L. and Marini F.**
Stereoselective organoselenium-induced cyclization of *N*-allyl acethydrazides to 1,3,4-oxadiazines or *N*-acetyl pyrazolidines 11841
- Tiekink E. R. T.** see Easton C. J. 7025

- Tighineanu E.** Raileanu D.
Simonov Y. and **Bouros P.**
5H-Pyrrolo[1,2-a][3,1]benzoxazin-5-ones.
 Reconsideration of the double cyclisation of *o*-carboxyphenylglycine 12475
- Timmerman P.** Anderson H. L.
Faust R. Nierengarten J.-F.
Habicher T. Seiler P. and
Diederich F.
 Fullerene-acetylene hybrids: towards a novel class of molecular carbon allotropes 4925
- Timmerman P.** Verboom W.
and Reinhoudt D. N.
 Resorcinarenes 2663
- Tinant B.** see Mihailovic M. Lj.
 11995
- Tinto W. F.** see Mootoo B. S.
 9953
- Tisnès P.** see Baltas M. 14865
- Tisnès P.** see Cathala B. 9793
- Tito A.** see García Ruano J. L.
 2177
- Tittelbach F.** see Duczek W.
 8733
- Tius M. A.** and **Drake D. J.**
 Synthesis of (\pm)-xanthocidin 14651
- Tochtermann W.** see Bollbuck B. 4581
- Todoroki Y.** Nakano S.
Hirai N. and Ohigashi H.
 Ring conformational requirement for biological activity of abscisic acid probed by the cyclopropane analogues 8081
- Toke L.** see Ágai B. 6713
- Tokoroyama T.** see Matsumoto Y. 9387
- Tokuda Y.** see Fujimoto K. 3889
- Tokuhashi T.** see Kaga H. 8451
- Tokuyama H.** see Smith, III A. B. 5257
- Toledano E.** see Alvarez-Ibarra C. 4065
- Tolvanen A.** see Din Belle D. 11361
- Tolvanen A.** see Lounasmaa M. 9925
- Toma Š.** see Lácová M. 14995
- Tomas A.** see Micouin L. 7719
- Tomás M.** see Barluenga J. 3095
- Tomé A. C.** Cavaleiro J. A. S. and Storr R. C.
 Generation and trapping of 5,6-dimethylenepyrimidin-4-ones in Diels-Alder and Michael additions 1723
- Tomé A. C.** Cavaleiro J. A. S. and Storr R. C.
 Pyrimidine *ortho*-quinodimethanes 1735
- Tomimoto K.** see Iwasawa Y. 13881
- Tomono Y.** see Hirota H. 2359
- Tonachini G.** see Ghigo G. 7053
- Toppet S. M.** see Dubois K. J. 12529
- Tori M.** Ikawa M. Sagawa T.
 Furuta H. Sono M. and
 Asakawa Y.
 Synthesis of isovalerenenol, a sesquiterpene alcohol isolated from a soft coral, and the stability of related hydrindanone derivatives 9999
- Tori M.** Nakashima K.
 Takeda T. Kan Y.
 Takaoka S. and Asakawa Y.
 Novel sesquiterpenoids from the Colombian liverwort *Porella swartziana* 6339
- Tori M.** see Yoshida T. 14487
- Torii S.** see Tanaka H. 2343
- Torisawa Y.** Hosaka T.
 Tanabe K. Suzuki N.
 Motohashi Y. Hino T. and
 Nakagawa M.
 Synthesis of a tetracyclic substructure of manzamine A via the Diels-Alder reaction of dihydropyridinones 10597
- Tormo J.** Verdaguér X.
 Moyano A. Pericas M. A. and Riera A.
 Chiral auxiliary-induced stereocontrol in intramolecular Pauson-Khand reactions leading to angular triquinanes 14021
- Tornus I.** and Schaumann E.
 Novel applications of *N*-sulfonyl-alkylamines in [2 + 4] cycloadditions 725
- Torres T.** see Rodríguez-Morgade S. 6781
- Torres-García G.** and Mattay J.
 Exohedral functionalization of [60]fullerene by [4 + 2] cycloadditions. Diels-Alder reactions of [60]fullerene with electron rich 2,3-dioxy-substituted-1,3-butadienes 5421
- Torri G.** see Alberti A. 10241
- Tortajada A.** see Costero A. M. 12499
- Tosi G.** see Bruni P. 6795
- Touillaux R.** see Marchand-Brynaert J. 5591
- Toupet L. J.** see Benvegnu T. J. 11811
- Toupet L.** see Arseniyadis S. 12443
- Toupet L.** see Arseniyadis S. 6215
- Toupet L.** see Jolivet S. 5819
- Toupet L.** see Kharraz B. 4423
- Toupet L.** see Morel G. 10095
- Toupet L.** see Sapi J. 8209
- Toyota M.** Nishikawa Y. and
 Fukumoto K.
 Synthesis of a cancer growth-inhibiting diterpene—stereoselective formal synthesis of (+)-aphidicolin 10347
- Tozer M. J.** and Herpin T. F.
 Methods for the synthesis of *gem*-difluoromethylene compounds 8619
- Tralka T.** see Nichols J. 3355
- Trazza A.** see Carloni P. 11257
- Tracy A. B.** see McAlonan H. 12521
- Trimble L.** see Wiebe J. M. 11705
- Trivedi G. K.** see Baskaran S. 4515
- Trivedi G. K.** see Baskaran S. 6437
- Trivedi G. K.** see Murugesh M. G. 2217
- Trivellone E.** see Guo Y. 14961
- Trivellone E.** see Guo Y. 8341
- Trommer W. E.** see Schanding T. 5783
- Trost B. M.** and Barrett D.
 Synthesis and alkylation of cyclopentane β -ketoxime sulfones. α,α' -Methylation-alkynylation of cyclopentanone 6903
- Truffert J.-C.** Asseline U.
 Brack A. and Thuong N. T.
 Synthesis, purification and characterization of two peptide-oligonucleotide conjugates as potential artificial nucleases 3005
- Trujillo M. A.** see Campos J. 8907
- Tsang M. W. H.** see Tyrrell E. 9841
- Tschamber T.** Craig C. J.
 Muller M. and Streith J.
 Stereoselective synthesis of D,L-erythro- and of D,L-1,4-dideoxy-4-aminoerythro derivatives bearing a β -lactam at C-4 6201
- Tsitsanou K. E.** see Brandstetter T. W. 10721
- Tsopmo A.** see Tane P. 14989
- Tsubuki M.** Takada H.
 Katoh T. Miki S. and
 Honda T.
 Synthesis and structural elucidation of a new zoecdysteroid gerardiasterone 14515
- Tsuchimoto T.** see Fukuzawa S. 1953
- Tsuda M.** Inaba K.
 Kawasaki N. Honma K. and
 Kobayashi J.
 Chiral resolution of (\pm)-keramaphidin B and isolation of manzamine L, a new β -carboline alkaloid from a sponge *Amphimedon* sp. 2319

- Tsuda M.** see Kobayashi J. 5745
- Tsuda M.** see Kobayashi J. 6355
- Tsui W.-Y. and Brown G. D.** Unusual metabolites of *Baeckea frutescens* 9735
- Tsuji T.** see Ohkita M. 9979
- Tsukamoto S.** Kato H. Hirota H. and Fusetani N. Ceratinamides A and B: new antifouling dibromotyrosine derivatives from the marine sponge *Pseudoceratina purpurea* 8181
- Tsukube H.** see Hori K. 8199
- Tsuru K.** see Ishimaru K. 13137
- Tucker C. E.** see Klement I. 7201
- Tümer F.** see Dastan A. 14005
- Tunoori A. R.** see Boße F. 9485
- Turck A.** see Mojovic L. 10417
- Turujman S. A.** see Mazzola E. P. 5691
- Tustin G. J.** see Barrett A. G. M. 15325
- Tuynman A.** see Louwrier S. 2629
- Tyrrell E.** Tsang M. W. H. Skinner G. A. and Fawcett J. The application of ^1H nuclear magnetic resonance spectroscopy for the determination of the absolute configuration of chiral carboxylic acids 9841
- Uccella N.** see Chiacchio U. 8889
- Uchida T.** see Noguchi M. 13097
- Uchimaru T.** see Mikami K. 85
- Uemura D.** see Arimoto H. 13901
- Uemura T.** see Eto M. 13909
- Uenaka K.** see Tanaka T. 4257
- Ueno Y.** see Kakefuda A. 2863
- Ugi I.** Demharter A. Hörl W. and Schmid T. Ugi reactions with trifunctional α -amino acids, aldehydes, isocyanides and alcohols 11657
- Uhlmann E.** see Mag M. 10011
- Ujjainwalla F.** see Bauta W. E. 14081
- Ulgheri F.** see Spanu P. 4829
- Underwood J. M.** see Parsons P. J. 11637
- Undheim K.** see Falck-Pedersen M. L. 7761
- Undheim K.** see Möller B. S. 8807
- Uneyama K.** see Sakai T. 233
- Ung A. T.** Pyne S. G. Skelton B. W. and White A. H. Asymmetric synthesis of (*1R,2S,3R*)-2-acetyl-5-(1,2,3,4-tetrahydroxybutyl)thiazole 14069
- Ungaro R.** see Arduini A. 6011
- Upadhyay V.** see Maligres P. E. 3327
- Urban E.** Knühl G. and Helmchen G. Enantiomerically pure 5-substituted 2-oxo-cyclopentanecarboxylates by conjugate addition of cuprates to asymmetric shielded 2-oxo-cyclopentanecarboxylates 971
- Urban E.** see Riehs G. 1221
- Urban E.** see Riehs G. 8725
- Urban S.** see Kesel A. J. 14787
- Urbanj J. P.** see Cristau H. J. 2005
- Uriac P.** see Kharraz B. 4423
- Usami K.** and Isobe M. Low-temperature photooxygenation of coelenterate luciferin analog. Synthesis and proof of 1,2-dioxetanone as luminescence intermediate 12061
- Usui S.** see Fukazawa Y. 2847
- Usui S.** see Yang Y. 2325
- Utimoto K.** see Shinokubo H. 14533
- Utley J. H. P.** see Oguntoye E. 7771
- Vagias C.** see Roussis V. 2735
- Valenciano J.** Cuadro A. M. Vaquero J. J. García-Navío J. L. Alvarez-Builla J. Gómez-Sal P. and Martín A. Synthesis of new conjugated mesomeric betaines from alkoxycarbonylazinium salts 11349
- Valentinetti M. R.** see Alvaro G. 12571
- Vallribera A.** see Gálvez N. 1609
- Vallribera A.** see Moreno-Mañas M. 2269
- Vallribera A.** see Moreno-Mañas M. 3377
- Valot F.** see Fache F. 9777
- Van Aerschot A.** see Lescrinier T. 6965
- Van Aken K. J.** see Medaer B. P. 8813
- Vandenbergh D. M.** see Buysens K. J. 9161
- Vanderzande D.** see Paulussen H. 11867
- Vander Velde D.** see McAlpine J. B. 10327
- Vankar P. S.** see Pitre S. V. 12291
- Vankar Y. D.** see Pitre S. V. 12291
- Vanossi M.** see Fagnoni M. 1785
- van Barneveld C.** see Adam W. 2377
- van Beek T. A.** and Lankhorst P. P. Confirmation of the C-1 stereochemistry of ginkgolides by NMR 4505
- van Boeckel C. A. A.** see Spijker N. M. 5945
- van Bolhuis F.** see Rispens M. T. 3521
- van Boom J. H.** see Wijkmans J. C. H. M. 2103
- van Boom J. H.** see Zegelaar-Jaarsveld K. 3575
- van Boom J. H.** see Zegelaar-Jaarsveld K. 3593
- van den Hoek D.** see Barf G. A. 12971
- van den Broek L. A. G. M.** 1,3-Dipolar cycloaddition reactions of homochiral cyclic nitrones derived from 1-deoxyojirimycin 4467
- van der Gen A.** see Otten P. A. 11095
- van der Marel G. A.** see Wijkmans J. C. H. M. 2103
- van der Marel G. A.** see Zegelaar-Jaarsveld K. 3575
- van der Marel G. A.** see Zegelaar-Jaarsveld K. 3593
- van de Panne B. J.** see van Dijk J. T. M. 2647
- van Dijk J. T. M.** van de Panne B. J. Bleeker A. C. Lugtenburg J. and Cornelisse J. Spectrometry and reactivity of benzanthrenyl and 1-hydroperylenyl anions 2647
- van Heerden P. S.** Bezuidenhoudt B. C. B. and Ferreira D. Tetramethylethylene diamine/trimethylsilyl chloride mediated addition of benzyl copper reagents to α,β -unsaturated esters 12313
- Van Meervelt L.** Smolib O. B. Mishchenko N. I. Shakhnin D. B. Romanenko E. A. and Drach B. S. A challenging synthetic approach to phosphonium ylide–betaines of the pyrimidine series 8835
- van Straten N. C. R.** see Zegelaar-Jaarsveld K. 3593
- Vaquero J. J.** see de las Heras M. A. 14297
- Vaquero J. J.** see Valenciano J. 11349
- Varela O.** see Nin A. P. 12911
- Varounis G.** see Cobb J. 4485
- Varounis G.** see Korakas D. 10751
- Vasu J.** see Baskaran S. 4515
- Vasudeva P. K.** and Nagarajan M. Ring opening reactions of benzyl 3,4-anhydro- β -D-ribopyranoside with nucleophiles 1747
- Vasudeva P. K.** and Nagarajan M. Ring opening reactions of benzyl 2,3-anhydro- α -D-

- ribopyranoside with nucleophiles 5607
- Vatèle J.-M. and Hanessian S.** Design and reactivity of organic functional groups—preparation and nucleophilic displacement reactions of imidazole-1-sulfonates (imidazylates) 10557
- Vatèle J.-M.** see Compain P. 10405
- Vatèle J.-M.** see Compain P. 6647
- Vatèle J.-M.** see Surivet J.-P. 14877
- Vázquez J.** see Lassaletta J.-M. 9143
- Vázquez P.** see Rodríguez-Morgade S. 6781
- Veeneman G. H.** see Spijker N. M. 5945
- Veith M. Dettner K. and Boland W.** Stereochemistry of an alcohol oxidase from the defensive secretion of larvae of the leaf beetle *Phaedon armoraciae* (Coleoptera: Chrysomelidae) 6601
- Velasco D.** see Dobarro A. 13525
- Velasco D.** see Dobarro A. 13733
- Veldman N.** see Hoogesteger F. J. 1773
- Veliz E.** see McAlpine J. B. 10327
- Velusamy P. Pitchumani K. and Srinivasan C.** Selectivity in bromination of aniline and N-substituted anilines encapsulated in β -cyclodextrin 3487
- Venegas P.** see Klement I. 7201
- Venkateswaran R. V.** see Mandal P. 10265
- Venkateswaran R. V.** see Mandal P. 7855
- Venkateswarlu R.** see Ward R. S. 14349
- Venkov A. P. and Ivanov I. I.** Synthesis of isoquinolines from 2-phenylethylamines, amides, nitriles and carboxylic acids in polyphosphoric acid 12299
- Venkov A. P. and Statkova-Abeghe S. M.** Synthesis of 3,4-dihydroisoquinolines, 2-alkyl(acyl)-1(2*H*)-3,4-dihydroisoquinolinones, 2-alkyl-1(2*H*)-isoquinolinones and 1-alkyl-2(2*H*)-quinolinones by oxidation with potassium permanganate 1451
- Venturello P.** see Deagostino A. 1433
- Venturello P.** see Ghigo G. 7053
- Vepsäläinen J. J.** see Khomutov A. R. 13751
- Verardo G.** see Giumanini A. G. 7137
- Verbeek R.** see Casarini D. 2471
- Verboom W.** see Timmerman P. 2663
- Verchère-Béaur C. Perrée-Fauvet M.** Tarnaud E. Anneheim-Herbelin G. Bône N. and Gaudemer A. New amino acid porphyrin derivatives—II. DNA binding studies 13589
- Verchère-Béaur C.** see Perrée-Fauvet M. 13569
- Verdaguer X.** see Tormo J. 14021
- Verducci J.** see Cavelier F. 6173
- Vergne F. Partogyan K. Aitken D. J. and Husson H.-P.** An original synthesis of *trans*-1,2-diaminocyclobutane 2421
- Vermeersch G.** see Nardello V. 2031
- Veronese A. C.** see Vicentini C. B. 7179
- Vertut M. C.** see Martínez-Merino V. 8947
- Verweij J.** see Neeft J. M. I. 11905
- Vesnaver R.** see Ebert C. 4867
- Veverková E.** see Lácová M. 14995
- Viallon L. Reinaud O. Capdevielle P. and Maumy M.** Reactions of 4-dialkylamino-5-methoxy-1,2-benzozquinones in acidic media: selective C-alkylation or N-dealkylation 7841
- Viallon L. Reinaud O. Capdevielle P. and Maumy M.** Thermal and acid-catalysed sigmatropic rearrangements of allylamino-methoxy-1,2-benzozquinones 13605
- Vicart N. Cazes B. and Gore J.** Carbopalladation-sulphonylation of allene: a versatile preparation of 2-vinyl or 2-aryl allyl sulphones 9101
- Vicente M.** see García-Valverde M. 10761
- Vicentini C. B. Veronese A. C. Manfrini M. and Guarneri M.** Imidazo[4,5-*c*]pyrazoles: synthesis of 4-, 5- and 6-substituted derivatives 7179
- Vidari G.** see Bisi Castellani C. 11045
- Vidyanand D.** see Marchand A. P. 9703
- Vidyasagar V.** see Marchand A. P. 6063
- Viehe H. G.** see Plancquaert M.-A. 4383
- Villar J. M. Delgado A. Llebaria A. Moretó J. M. Molins E. and Miravittles C.** Asymmetric approaches to cyclopentenones in the Ni(0)-promoted cyclocarbonylation reaction of allyl halides and acetylenes 10525
- Villarroya M.** see Goux C. 9521
- Vince R.** see Akella L. B. 2789
- Vince R.** see Akella L. B. 8407
- Vince R.** see Konkel M. J. 799
- Vince R.** see Konkel M. J. 8969
- Viola F.** see Citterio A. 13227
- Virág M.** see De Kimpe N. 3303
- Vishkautsan R.** see Mzhiritskii M. D. 1239
- Vismara E.** see Alberti A. 10241
- Viswanjanan R.** see Srikrishna A. 1631
- Vlassa M. Ciocan-Tarta I. Margineanu F. and Oprean I.** Synthesis of diarynes by phase transfer catalysis in the presence of a Pd(0) catalyst 1337
- Vogel K. Sterling J. Herzog Y. and Nudelman A.** α -Tributyltin-O-2,3-bisacetyl-4,6-ethylidene-glucose as a convenient glycosidation reagent: an efficient synthesis of etoposide 3049
- Vogel P. D.** see Schanding T. 5783
- Vogt A.** see Schroth W. 12677
- Vogt W.** see Mogck O. 8489
- Vögtle F.** see Osterrodt J. 4949
- Vögtle F.** see Pischel I. 10043
- Voigt B. Porzel A. Golsch D. Adam W. and Adam G.** Regioselective oxyfunctionalization of brassinosteroids by methyl(trifluoromethyl)dioxiran e: synthesis of 25-hydroxy-brassinolide and 25-hydroxy-24-epibrassinolide by direct C–H insertion 10653
- Voigt B. Schmidt J. and Adam G.** Synthesis of 24-epiteasterone, 24-epityphasterol and their B-homo-6 α -oxalactones from ergosterol 1997
- Voigt K.** see Ang K. H. 11503
- Volante R. P.** see Maligres P. E. 3327
- Völken H.** see Riehs G. 8725
- Volpe A.** see Caló V. 2155
- von Schnering H. G.** see Kollenz G. 5427
- von Scholz Y.** see Csuk R. 6383
- Voro T. N.** see Jones R. A. 8707
- Voss J.** see Birk C. 12745
- Vrinat M.** see Meille V. 3953
- Vu P.** see Gupta J. T. 6879
- Vuljanic T. Bergquist K.-E. Clausen H. Roy S. and**

- Kihlberg J.**
Piperidine is preferred to morpholine for Fmoc cleavage in solid-phase glycopeptide synthesis as exemplified by preparation of glycopeptides related to HIV gp120 and mucins 7983
- Wada E. Pei W. Yasuoka H. Chin U. and Kanemasa S.**
Exclusively *endo*-selective Lewis acid-catalyzed hetero-Diels-Alder reactions of (*E*)-1-phenylsulfonyl-3-alken-2-ones with vinyl ethers 1205
- Wada M.** see Ishimaru K. 13137
- Wada Y.** see Osuka A. 4311
- Wagler T. R.** see Marinelli E. R. 11177
- Wagman A. S.** see Martin S. F. 7251
- Wagner B.** see Langhals H. 1961
- Wagner J. Pham H. L. and Döpke W.**
Alkaloids from *Hippeastrum equestre* Herb.—V. Circular dichroism studies 6591
- Wagner M.** see Gügel A. 5007
- Wagner P.** see Suwinski J. 9541
- Wagner R. Rhoades T. A. Or Y. S. Lane B. C. and Luly J. R.**
Selective epimerization and skeletal resection in the ascomycin framework: a study of the biological consequences of lactam rotamer selection 9643
- Wahlstrom M. J.** see Noland W. E. 4555
- Walker R. T.** see McKinnell D. 10159
- Wallace T. W.** see Binns F. 3631
- Wallace T. W.** see Hickman D. N. 2235
- Wallis C. J.** see Binns F. 3631
- Walter M.** see Gügel A. 5007
- Walther B.** see Adam W. 10399
- Walther P.** see Gompper R. 14607
- Walton D. R. M.** see Avent A. G. 5235
- Waluk J.** see Gawronski J. 13201
- Wan T. S. M.** see Murata Y. 5077
- Wang C.-T.** see Chou T. 12459
- Wang C.-Y.** see Chen Y.-J. 13181
- Wang D.** see Marchand A. P. 6063
- Wang E. S. Choy Y. M. and Wong H. N. C.**
Synthetic studies on prehispanolone and 14,15-dihydroprehisanolone 12137
- Wang H.-S.** see Langlois N. 15117
- Wang J. Javahery G.**
Baranov V. and Bohme D. K.
Reactions of C_{60}^{+} , C_{60}^{2+} and C_{60}^{-3+} with C_2H_2 and C_2H_4 in the gas phase: polymerization initiated by C_{60}^{-3+} 5191
- Wang L.** see Chiang L. Y. 4963
- Wang Q.** see Arseniyadis S. 6215
- Wang Q.** see Shi G. 4403
- Wang X. Pan X. Cui Y. and Chen Y.**
The first total synthesis of (+)-demethyl salvicanol 10659
- Wang X. Shigemori H. and Kobayashi J.**
Taxuspinos K, L, and M, new taxoids from Japanese yew *Taxus cuspidata* 2337
- Wang X. Shigemori H. and Kobayashi J.**
Taxuspinos Q, R, S, and T, new taxoids from Japanese yew *Taxus cuspidata* 12159
- Wang X.** see Freeman F. 5699
- Wang Y.** see Ding K. 1005
- Wang Y.** see Marchand A. P. 6063
- Wanner M. J.** see Cheng E. 6725
- Ward R. S. Pelter A. Edwards M. I. and Gilmore J.**
Asymmetric synthesis of a lignan lactone from a *meso* anhydride 12799
- Ward R. S. Pelter A. Venkateswarlu R. Kamakshi C. and Lakshmi A.**
Rearrangements of the 2,6-diaryl-3,7-dioxabicyclo[3.3.0]octane skeleton—I. Reaction of gmelinol with BF_3 -etherate and *N,N*-dimethylaniline 14349
- Ward R. S. Pelter A. and Abd-El-Ghani A.**
Preparation of tetrahydrodibenzocyclooctene lignans and spirodiénones by hypervalent iodine oxidation of phenolic dibenzylbutyrolactones 1303
- Ward T. R.** see Lutz A. 12197
- Wardleworth J. M.** see Hickman D. N. 2235
- Warner J. A.** see Davison E. C. 11601
- Wartski L.** see Roux M.-C. 10083
- Waschbüsch R. Carran J. and Savignac P.**
A new route to α -fluorovinylphosphonates utilizing Peterson olefination methodology 14199
- Watanabe H. Watanabe T. and Mori K.**
Enantioselective synthesis of the tricyclic furan moiety of azadirachtin, a potent insect antifeedant 13939
- Watanabe M. Okada H. Teshima T. Noguchi M. and Kakehi A.**
A facile and regio- and stereo-selective preparation of bicyclic guanidines by iodocyclization of 3-(alk-2-enyl)-2-(substituted amino)-1-imidazolin-4-ones 2827
- Watanabe M.** see Noguchi M. 6581
- Watanabe T.** see Watanabe H. 13939
- Watkin D. J.** see Brandstetter T. W. 10711
- Watkin D. J.** see Brandstetter T. W. 10721
- Watkinson M.** see Beagley B. 10193
- Watson W. H.** see Marchand A. P. 9703
- Wazeer M. I. M.** see Ali Sk. A. 14917
- Weber J. and Brinker U. H.**
Competing 1,*n*-elimination reactions of 1-bromo-5-bromomethyl-6,6-dichlorobicyclo[3.1.0]hexane: a strained 1,3-bridged cyclopropane and a vinylcarbene as reactive intermediates 14641
- Weidmann J.-L.** see Kern J.-M. 10921
- Weingarten M. D.** see Padwa A. 3247
- Weinreb S. M.** see Cherkauskas J. P. 3135
- Weissman S. A.** see Maliges P. E. 3327
- Welch C. J.** see Wilson S. R. 5131
- Welch J. T. and Lin J.**
Fluoroolefin containing dipeptide isosteres as inhibitors of dipeptidyl peptidase IV (CD26) 291
- Welzel P.** see Kranz A. 14827
- Welzel P.** see Staroske T. 12723
- Wen R.** see Royer D. 9069
- Wensbo D. and Gronowitz S.**
Indole-3-pyruvic acid oxime ethers and thieno analogues by Heck cyclisation. Application to the synthesis of thia-tryptophans 14975
- Werner F. Parmentier G. Luu B. and Dinan L.**
A convenient stereoselective synthesis of castasterone and its analogues using arsenic ylides 5525
- Westerlund C.** see Garg N. 15209
- White A. H.** see Ung A. T. 14069
- White A. J. P.** see Ainsworth P. J. 8937
- White A. J. P.** see Clasby M. C. 4769
- White E. H.** see Paik S. 5303

- White L. A. and Storr R. C.** Dihydrothiophenes as precursors to fused quinolines, quinolones and coumarins via *o*-quinodimethane intermediates 3117
- Whitelaw P. D. M.** see Ferguson C. G. 14661
- Whiting A.** see Beagley B. 10193
- Whitmore A. P.** see Jones R. A. 8707
- Wibbeling B.** see Bach T. 10861
- Wiebe J. M. Caillé A. S.** Trimble L. and Lau C. K. Syntheses of quinolines, dihydro- and tetrahydro-quinolines via *ortho*-quinone methide imine intermediate 11705
- Wiemer D. F.** see McEldoon W. L. 11695
- Wiese B.** see Peer M. 7547
- Wightman R. H.** see Frame A. S. 9219
- Wijkmans J. C. H. M.** Meeuwenoord N. J.
- Bloemhoff W.**
- van der Marel G. A. and van Boom J. H.** Solid phase synthesis of alkylphosphonopeptides 2103
- Wilcox C. F.** see Nichols J. 3355
- Wilczewska A. Z.** see Morzycki J. W. 14057
- Wild L. M.** see Schiesser C. H. 13265
- Wilkes R. D.** see Page P. C. B. 2125
- Wilkinson J. A.** see Caddick S. 149
- Williams D. H. and Faulkner D. J.** Two practical syntheses of an anti-inflammatory sesquiterpene furoic acid from *Sinularia* spp. 4245
- Williams D. H. and Faulkner D. J.** *N*-Methylated ageliferins from the sponge *Astrosclera willeyana* from Pohnpei 5381
- Williams D. J.** see Ainsworth P. J. 8937
- Williams D. J.** see Clasby M. C. 4769
- Williams D. J.** see Corlay H. 4883
- Williams D. J.** see Hoffmann H. M. R. 11783
- Williams H. L.** see Murphy P. J. 8315
- Williams L., Zhang Z., Shao F., Carroll P. J. and Joullié M. M.** Grignard reactions to chiral oxazolidine aldehydes 11673
- Williams R. M., Fegley G. J., Gallegos R., Schaefer F. and Pruess D. L.**
- Asymmetric syntheses of (*2S,3S,6S*)-, (*2S,3S,6R*)- and (*2R,3R,6S*)-2,3-methano-2,6-diaminopimelic acids. Studies directed to the design of novel substrate-based inhibitors of L,L-diaminopimelate epimerase 1149
- Williamson D. A. and Bowler B. E.** Synthesis of a beta-turn-forming depsipeptide for hydrogen bond mediated electron transfer studies 12357
- Williamson D. J.** see Jones R. A. 8707
- Willis A. C.** see Charan R. D. 9111
- Wilson S. R., Lu Q., Cao J., Wu Y., Welch C. J. and Schuster D. I.** Chiral non-racemic C_{60} derivatives: a proposed sector rule for fullerene absolute configuration 5131
- Winterfeldt E.** see Deseke E. 14577
- Wipf P. and Jahn H.** Synthetic applications of organochlorozirconocene complexes 12853
- Wise J. G.** see Schanding T. 5783
- Withell K.** see McNab H. 3163
- Witty M. J.** see Page P. C. B. 2125
- Wohlauf W.** see Faltz H. 9035
- Woisel P.** see Couture A. 4433
- Wolfe J. P., Rennels R. A. and Buchwald S. L.** Intramolecular palladium-catalyzed aryl amination and aryl amidation 7525
- Wong H. N. C.** see Wang E. S. 12137
- Wong K. M.** see Derrick S. D. 7679
- Wong M. K. C.** see Ferguson C. G. 14661
- Wong M. K. C.** see Money T. 6307
- Wong W.-T.** see Lee V. 9455
- Woo P. W. K. and Rubin J. R.** Chalcomycin: single-crystal X-ray crystallographic analysis; biosynthetic and stereochemical correlations with other polyoxo macrolide antibiotics 3857
- Wood M. E.** see Shibata N. 12839
- Worakun T.** see Grigg R. 11479
- Wright D. C.** see Beagley B. 10193
- Wright D. M. J.** see Scammells P. J. 4735
- Wu S.** see Fensterbank L. 11405
- Wu Y.** see Ding K. 1005
- Wu Y.** see Wilson S. R. 5131
- Wu Y.-F.** see Chou T.-C. 6325
- Wucherpfennig U., Logothetis T. A., Eilitz U. and Burger K.** 2-C-Trifluoromethyl substituted 3-deoxypentoses 143
- Wudl F.** see Keshavarz-K. M. 5149
- Wunderlich H.** see Maercker A. 6149
- Würtheim E.-U.** see Klötgen S. 14801
- Wyatt P. B.** see Ogunteye E. 7771
- Xia G.-M.** see Noland W. E. 4555
- Xie J. R.-Y.** see Jiang X.-K. 3017
- Xing D.** see Marchand A. P. 825
- Xu S.-C.** see Shi X. 6859
- Xu W.-C.** see Lin G.-Q. 5907
- Xu Y.-Z.** Post-synthetic introduction of labile functionalities onto purine residues via 6-methylthiopurines in oligodeoxyribonucleotides 10737
- Yabuta K.** see Ishimaru K. 13137
- Yadav J. S. and Barma D. K.** Zinc mediated deoxygenation of 4-hydroxy-2-butenoic acid moiety. An application for the synthesis of multifunctional chiral synthon 4457
- Yadav K. M., Mohanta P. K., Ila H. and Junjappa H.** Regioselective synthesis of substituted 1-methyl- and 2-methylnaphthal-enes 14049
- Yadav K. M., Suresh J. R., Patro B., Ila H. and Junjappa H.** Stepwise controlled reduction of α -oxoketene dithioacetals with $Zn/ZnCl_2$ -TMEDA in ethanol 4679
- Yadav V. K. and Kapoor K. K.** KF adsorbed on alumina effectively promotes the epoxidation of electron deficient alkenes by anhydrous t -BuOOH 3659
- Yahiroglu G.** see Milgrom L. R. 9877
- Yajima T.** see Mikami K. 85
- Yamabe S.** see Minato T. 8439
- Yamada A.** see Takeuchi Y. 225
- Yamada K.** see Murakata M. 14713
- Yamada M., Nakao K., Fukui T. and Nunami K.** (Z)-Selective β -bromination of N -formyl- α,β -hydroxymino acid esters 5751
- Yamada N.** see Nemoto H. 13339
- Yamada S.** see Fushiya S. 877

- Yamagishi T.** see Yokomatsu T. 11725
- Yamago S.** **Yanagawa M.**
Mukai H. and **Nakamura E.** Tertiary phosphines, P-chiral phosphinites and phosphonic acid esters bearing fullerene substituent. Metal complexes and redox properties 5091
- Yamaguchi K.** see Haraguchi K. 9469
- Yamaguchi K.** see Ishida K. 9025
- Yamaguchi K.** see Matsuda H. 14501
- Yamaguchi K.** see Shin H. J. 13129
- Yamaguchi K.** see Shin H. J. 8159
- Yamamoto G.** **Higuchi H.**
Yonebayashi M. **Nabeta Y.** and **Ojima J.** Stereodynamics of *N,N*-dialkyl-9-tritycylamines 12409
- Yamamoto H.** see Hanaki N. 7297
- Yamamoto K.** see Akasaka T. 5015
- Yamamoto K.** see Suzuki T. 4973
- Yamamoto Y.** see Ibuka T. 11739
- Yamamoto Y.** see Ishimaru K. 13137
- Yamamoto Y.** see Kimura M. 4303
- Yamamura S.** see Okuno T. 14723
- Yamanaka H.** see Ishihara T. 255
- Yamane S.** see Honda T. 12177
- Yamazaki M.** see Fukazawa Y. 2301
- Yamazaki T.** **Oniki T.** and **Kitazume T.** 1,2- and 1,3-*O,O*-Silyl migration reactions of fluorine-containing monosilylated diols 11753
- Yamazaki T.** see Konno T. 199
- Yan B.** and **Kumaravel G.** Probing solid-phase reactions by monitoring the IR bands of compounds on a single 'flattened' resin bead 843
- Yan F.** see Sakai T. 233
- Yanagawa M.** see Yamago S. 5091
- Yang J.-P.** see Mootoo B. S. 9953
- Yang R.-Z.** see Zhao W. 12373
- Yang Y.** **Haino T.** **Usui S.** and **Fukazawa Y.** Shielding effect of ether C–O bond obtained from proton chemical shifts of 4-oxa-5 α - and 4-oxa-5 β -androstan-17-ones 2325
- Yang Y.** see Barton D. H. R. 2705
- Yang Y.** see Fukazawa Y. 2847
- Yano S.** see Murafuji T. 13933
- Yaouanc J. J.** see Oget N. 2995
- Yarnold C. J.** see Jones K. 4133
- Yashunsky D. V.** see Arseniyadis S. 12443
- Yashunsky D. V.** see Arseniyadis S. 6215
- Yasumuro K.** see Anan H. 10849
- Yasuoka H.** see Wada E. 1205
- Yazawa K.** see Shigemori H. 9031
- Ye B.** **Nakamura H.** and **Murai A.** Total synthesis of (\pm)-halipanicine 6361
- Ye B.** and **Burke, Jr T. R.** Synthesis of a difluorophosphonomethyl-containing phosphatase inhibitor designed from the X-ray structure of a PTP1B-bound ligand 9963
- Ye M.** **Logaraj S.**
Jackman L. M. **Hillegass K.**
Hirsch K. A. **Bollinger A. M.**
Grosz A. L. and **Mani V.** Corrigendum 6249
- Ye Q.** see Alfonso D. 4215
- Ye X.** see Huang W. 10131
- Ye Y.** **Josten I.** **Arnold N.** Steffan B. and Steglich W. Isolation of a fluorone pigment from the Indian paint fungus *Echinodontium tinctorium* and *Pyrofomes albomarginatus* 5793
- Ying W.** **DesMarteau D. D.** and **Gotoh Y.** *N*-Fluoro-bis[(trifluoromethyl)sulfonyl]imide: electrophilic fluorination of imines and some methyl-substituted pyridines 15
- Yingyongnarongkul B.** see Suksamrarn A. 10673
- Yingyongnarongkul B.** see Suksamrarn A. 12623
- Yokokawa F.** see Hamada Y. 8297
- Yokomatsu T.** **Yamagishi T.** **Matsumoto K.** and **Shibuya S.** Stereocontrolled synthesis of hydroxymethylene phosphonate analogues of phosphorylated tyrosine and their conversion to monofluoromethylene phosphonate analogues 11725
- Yokoyama R.** see Arimoto H. 13901
- Yonebayashi M.** see Yamamoto G. 12409
- Yoneda N.** and **Fukuhara T.** Facile preparation of aromatic fluorides by deaminative fluorination of aminoarenes using hydrogen fluoride combined with bases 23
- Yoneda R.** **Sakamoto Y.**
Oketo Y. **Harusawa S.** and **Kurihara T.** An efficient synthesis of magallanesine using [1,2]-Meisenheimer rearrangement and Heck cyclization 14563
- Yonemitsu O.** see Nishida A. 9713
- Yoon R.** see Rossi F. M. 10279
- York C.** **Prakash G. K. S.** and **Olah G. A.** Desulfurative fluorination using nitrosonium tetrafluoroborate and pyridinium poly(hydrogen fluoride) 9
- Yoshida N.** see Kobayashi J. 5391
- Yoshida N.** see Morita H. 2795
- Yoshida T.** **Hashimoto T.**
Takaoka S. **Kan Y.** **Tori M.**
Asakawa Y. **Pezzuto J. M.**
Pengsuparp T. and **Cordell G. A.** Phenolic constituents of the liverwort: four novel cyclic bisbibenzyl dimers from *Blasia pusilla* L. 14487
- Yoshida W. Y.** see Szabo C. M. 9681
- Yoshimura E.** see Okino T. 9447
- Yoshimura K.** see Fukazawa Y. 2301
- Yoshitake M.** see Ito K. 3905
- Young A. R.** see Bowman W. R. 11445
- Young D. G. J.** see Hart D. J. 14437
- Young D. W.** see Beresford K. J. M. 9891
- Yu D.** see Iyer R. P. 14419
- Yu M.** see Mootoo B. S. 9953
- Yu Y.** see Zhao B.-X. 12049
- Yu Y.-H.** see Tang Y. 8747
- Yuan T.** see Shu C. 9805
- Yuasa K.** see Kobayashi J. 5745
- Yuhara T.** see Aoyagi Y. 869
- Yum E. K.** see Larock R. C. 2743
- Yurchenko A. G.** see Fokin A. A. 5857
- Yus M.** see Almena J. 8545
- Yus M.** see Alonso E. 14341
- Yus M.** see Guijarro A. 1643
- Yus M.** see Guijarro A. 1797
- Yus M.** see Huerta F. F. 13243
- Yus M.** see Huerta F. F. 8333
- Yus M.** see Ramón D. J. 13739
- Zaballos-García E.** see Sepulveda-Arques J. 2097
- Zabalza J. M.** see Martinez-Merino V. 8947
- Zacharie B.** **Connolly T. P.**
Rej R. **Attardo G.** and **Penney C. L.** A short synthesis of 4-substituted 1-(hydroxyalkyl)-1*H*-pyrazolo[3,4-*d*]pyrimidines 2271

- Zamir L. O.** see Boulanger Y. 8957
- Zamojski A.** see Guo Z.-W. 12553
- Zamora I.** see Brosa C. 2435
- Zampella A.** see D'Auria M. V. 9589
- Zanardi F.** see Spanu P. 4829
- Zani P.** see Bonini B. F. 3553
- Zanirato V.** see Barco A. 4719
- Zanirato V.** see Barco A. 9275
- Zaragoza F.** and **Petersen S. V.** Generation of rhodium carbenoids on a polystyrene support and their OH-insertion reaction with alcohols 5999
- Zaragoza F.** and **Petersen S. V.** Solid-phase synthesis of substituted 1,2,3-triazoles 10823
- Zaragoza F.** see Marchand A. P. 9703
- Závada J.** see Belohradsky M. 11013
- Zecchi G.** see Broggini G. 11849
- Zecchin S.** see Berlin A. 7947
- Zegelaar-Jaarsveld K.**
- Duynstee H. I.**
 - van der Marel G. A. and van Boom J. H.** Iodonium ion-assisted synthesis of tetrameric fragments corresponding to the cell wall phenolic glycolipids of *Mycobacterium kansasii* serovars II and IV 3575
- Zegelaar-Jaarsveld K.**
- Smits S. A. W.**
 - van Straten N. C. R.**
 - van der Marel G. A. and van Boom J. H.** Iodonium ion-assisted synthesis of a tetrameric fragment corresponding to the cell wall phenolic glycolipids of *Mycobacterium kansasii* serovar I 3593
- Zehnder M.** see Behr J.-B. 3283
- Zeni G.** see Comasseto J. V. 9687
- Zervosen A.** **Stein A.**
- Adrian H. and Elling L.** Combined enzymatic synthesis of nucleotide (deoxy) sugars from sucrose and nucleoside monophosphates 2395
- Zett A.** see Osterrott J. 4949
- Zhang H.** see Kamano Y. 2369
- Zhang L.** see Ding K. 1005
- Zhang T.** see Liu L.-G. 4495
- Zhang X.** see Kollenz G. 5427
- Zhang Z.** see Williams L. 11673
- Zhao B.-X.** **Yu Y.** and **Eguchi S.** Synthesis of stable Δ^4 -isoxazolines by 1,3-dipolar cycloaddition of 3,4-dihydroisoquinoline *N*-oxides with alkynes and their rearrangement to isoquinoline-fused pyrroles 12049
- Zhao G.-X.** see Alfonso D. 4215
- Zhao N.** **Berova N.**
- Nakanishi K.** **Rohmer M.**
 - Mougenot P. and Jürgens U. J.** Structures of two bacteriohopanoids with acyclic pentol side-chains from the cyanobacterium *Nostoc PCC 6720* 2777
- Zhao N.** see Rele D. 2759
- Zhao W.** **Qin G.** **Yang R.-Z.**
- Jiang T.-Y.** **Li W.-X.** **Scott L.** and **Snyder J. K.** Tonkinenin A. A new polyoxygenated cyclohexane derivative from *Uvaria tonkinensis* 12373
- Zhou Z.-H.** see Boulanger Y. 8957
- Zhu G.** see Jiang H. 10945
- Zhu L.-S.** **Huang Z.-Z.** and **Huang X.** Stereoselective synthesis of (*E,E*)-1-arylselenobutadienes by cross-coupling reactions in the presence of palladium catalyst 9819
- Zhu W.** see Hu S. 8739
- Ziegler T.** see Schüle G. 2925
- Zillikens S.** see Staroske T. 12723
- Zink D.** see Lam Y. K. T. 1481
- Zographos S. E.** see Brandstetter T. W. 10721
- Zollo F.** see Iorizzi M. 10997
- Zoltewicz J. A.**
- Cruskie, Jr M. P. and Dill C. D.** Use of pyridine *N*-oxide and pyridinium ion synthons in the preparation of oligopyridines. Two new unsymmetrical quaterpyridines with 2,2'-bipyridine units 4239
- Zoltewicz J. A.** **Maier N. M.** and **Fabian W. M. F.** Atropisomerism of cofacial pyridine rings. Synthesis, proton NMR spectra and conformations of 1,8-di(3'-pyridyl)naphthalene 8703
- Zoltewicz J. A.** and **Dill C. D.** Inter-ring directed *ortho* lithiation by the 2-pyridyl group in bipyridines 14469
- Zoorob H. H.**
- Abou-EI Zahab M. M.**
 - Abdel-Mogib M. and Ismail M. A.** Peculiar reaction behaviour of barbituric acid derivatives towards aromatic amines 10147
- Zope U. R.** see Marchand A. P. 13531
- Zotti G.** see Berlin A. 7947
- Zukerman-Schpector J.** see Monteiro H. J. 3879
- Zulaica E.** see Bennasar M.-L. 8601
- Zupan M.** **Iskra J.** and **Stavber S.** The regioselectivity in the fluorination of dibenzofuran, diphenylether and biphenyl with N-F type of reagents 11341
- Zwanenburg B.** see Bakkeren F. J. A. D. 7901
- Zwanenburg B.** see Funaki I. 12253
- Zwanenburg B.** see Funaki I. 9909
- Zwierzak A.** and **Napieraj A.** The thermally induced synthesis of *N*-(diethoxyphosphoryl)aldimines 8789