



Tetrahedron reports on organic chemistry

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38. Samuel H. Wilen, André Collet and Jean Jacques, Strategies in optical resolutions. *Tetrahedron* **1977**, 33, 2725.
39. Raymond A. Firestone, The diradical mechanism for 1,3-dipolar cycloadditions and related thermal pericyclic reactions. *Tetrahedron* **1977**, 33, 3009.
40. D. Bryce-Smith and A. Gilbert, The organic photochemistry of benzene. Part 2. *Tetrahedron* **1977**, 33, 2459.
41. Teruo Matsuura, Biomimetic oxygenation. *Tetrahedron* **1977**, 33, 2869.
42. Lloyd M. Jackman and Barry C. Lange, Structure and reactivity of alkali metal enolates. *Tetrahedron* **1977**, 33, 2737.
43. M. Akhtar and (in part) C. Jones, Some biological transformations involving unsaturated linkages: the importance of charge separation and charge neutralization in enzyme catalysis. *Tetrahedron* **1978**, 34, 813.
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45. Jean Louis Ripoll and Annick Rouessac et Francis Rouessac, Applications recentes de la réaction de retro-Diels–Alder en synthèse organique. *Tetrahedron* **1978**, 34, 19.
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49. Michael F. Grundon, The biosynthesis of aromatic hemiterpenes. *Tetrahedron* **1978**, 34, 143.
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51. Alexander Schönberg und Erich Singer, Die Chemie des Ninydrins und anderer cyclischer 1,2,3-Tricarbonyl-verbindungen. *Tetrahedron* **1978**, 34, 1285.
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53. Thomas T. Tidwell, Sterically crowded organic molecules: synthesis, structure and properties. *Tetrahedron* **1978**, 34, 1855.
54. James R. Beck, Nucleophilic displacement of aromatic nitro groups. *Tetrahedron* **1978**, 34, 2057.
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57. Stephen G. Davies, Malcolm L. H. Green and D. Michael P. Mingos, Nucleophilic addition to organotransition metal cations containing unsaturated hydrocarbon ligands. A survey and interpretation. *Tetrahedron* **1978**, 34, 3047.
58. P. Mackiewicz et R. Furstoss, Radicaux amidyl: structure et réactivité. *Tetrahedron* **1978**, 34, 3241.
59. Bruce Ganem, From glucose to aromatics: recent developments in natural products of the shikimic acid pathway. *Tetrahedron* **1978**, 34, 3353.
60. Julius Rebek Jr., Mechanistic studies using solid supports: the three-phase test. *Tetrahedron* **1979**, 35, 723.
61. Donald C. Wigfield, Stereochemistry and mechanism of ketone reductions by hydride reagents. *Tetrahedron* **1979**, 35, 449.
62. Derek E. Wright, The orthosomycins, a new family of antibiotics. *Tetrahedron* **1979**, 35, 1207.
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66. Philip E. Eaton, Towards dodecahedrane. *Tetrahedron* **1979**, 35, 2189.
67. R. F. Abdulla and R. S. Brinkmeyer, The chemistry of formamide acetals. *Tetrahedron* **1979**, 35, 1675.
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69. J. W. ApSimon and R. P. Seguin, Recent advances in asymmetric synthesis. *Tetrahedron* **1979**, 35, 2797.
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72. R. Fusco and F. Sannicò, N–N Bond cleavage and rearrangements of arylhydrazones and arylhydrazides—recent developments. *Tetrahedron* **1980**, 36, 161.
73. Michel Huché, Les cétones α -alléniques, mise au point. *Tetrahedron* **1980**, 36, 331.
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77. Philip E. Sonnet, Olefin inversion. *Tetrahedron* **1980**, 36, 577.
78. Alan R. Katritzky, Conversions of primary amino groups into other functionality mediated by pyrylium cations. *Tetrahedron* **1980**, 36, 679.
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90. Roger F. Newton and Stanley M. Roberts, Steric control in prostaglandin synthesis involving bicyclic and tricyclic intermediates. *Tetrahedron* **1980**, 36, 2163.
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99. C. David Johnson, The reactivity–selectivity principle: fact or fiction? *Tetrahedron* **1980**, 36, 3461.
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102. Yu. G. Gololobov, I. N. Zhmurova and L. F. Kasukhin, Sixty years of Staudinger reaction. *Tetrahedron* **1981**, 37, 437.
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111. Amos B. Smith III and R. Karl Dieter, The acid promoted decomposition of α -diazo ketones. *Tetrahedron* **1981**, 37, 2407.
112. Grant R. Krow, Oxygen insertion reactions of bridged bicyclic ketones. *Tetrahedron* **1981**, 37, 2697.
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115. A. N. Kost, S. P. Gromov and R. S. Sagitullin, Pyridine ring nucleophilic recyclizations. *Tetrahedron* **1981**, 37, 3423.
116. H. C. Brown, P. K. Jadhav and A. K. Mandal, Asymmetric syntheses via chiral organoborane reagents. *Tetrahedron* **1981**, 37, 3547.
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118. Günter Barth and Carl Djerassi, Circular dichroism of molecules with isotopically engendered chirality. *Tetrahedron* **1981**, 37, 4123.
119. Jacek K. Gawronski, Circular dichroism and stereochemistry of chiral conjugated cyclohexenones. *Tetrahedron* **1982**, 38, 3.
120. Mauri Lounasmaa and András Nemes, The synthesis of bis-indole alkaloids and their derivatives. *Tetrahedron* **1982**, 38, 223.
121. John M. Tedder, The importance of polarity, bond strength and steric effects in determining the site of attack and the rate of free radical substitution in aliphatic compounds. *Tetrahedron* **1982**, 38, 313.
122. Manfred G. Reinecke, Hetarynes. *Tetrahedron* **1982**, 38, 427.
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124. Christopher Walsh, Suicide substrates: mechanism-based enzyme inactivators. *Tetrahedron* **1982**, 38, 871.
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127. Perry A. Frey, Stereochemistry of enzymatic reactions of phosphates. *Tetrahedron* **1982**, 38, 1541.
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129. Peter W. Hickmott, Enamines: recent advances in synthetic, spectroscopic, mechanistic, and stereochemical aspects. Part 1. *Tetrahedron* **1982**, 38, 1975.
130. George A. Olah and Subhash C. Narang, Iodotrimethylsilane—a versatile synthetic reagent. *Tetrahedron* **1982**, 38, 2225.
131. David G. Whitten, John C. Russell and Russell H. Schmehl, Photochemical reactions in organized assemblies. Environmental effects on reactions occurring in micelles, vesicles, films and multilayer assemblies and at interfaces. *Tetrahedron* **1982**, 38, 2455.
132. G. Edwin Wilson Jr., Structure and reactivity of halosulfonium salts. *Tetrahedron* **1982**, 38, 2597.
133. K. Grant Taylor, Carbenes and carbenoids with neighboring heteroatoms. *Tetrahedron* **1982**, 38, 2751.
134. E. Vedejs and G. A. Krafft, Cyclic sulfides in organic synthesis. *Tetrahedron* **1982**, 38, 2857.
135. Christopher G. Newton and Christopher A. Ramsden, Meso-ionic heterocycles (1976–80). *Tetrahedron* **1982**, 38, 2965.
136. Steven M. Weinreb and Ronald R. Staib, Synthetic aspects of Diels–Alder cycloadditions with heterodienophiles. *Tetrahedron* **1982**, 38, 3087.
137. Thomas Hellman Morton, Gas phase analogues of solvolysis reactions. *Tetrahedron* **1982**, 38, 3195.
138. Peter W. Hickmott, Enamines: recent advances in synthetic, spectroscopic, mechanistic and stereochemical aspects. Part 2. *Tetrahedron* **1982**, 38, 3363.
139. Gerrit L'abbé, Some ring-transformation reactions of sulfur-containing heterocycles. *Tetrahedron* **1982**, 38, 3537.
140. Saran A. Narang, DNA synthesis. *Tetrahedron* **1983**, 39, 3.
141. N. H. Werstiuk, Homo-enolate anions and homo-enolate anion equivalents. Mechanistic aspects and synthetic applications. *Tetrahedron* **1983**, 39, 205.
142. Vinayak V. Kane, Vishwakarma Singh, Arnold Martin and Donald L. Doyle, The chemistry of 1,2-carbonyl transposition. *Tetrahedron* **1983**, 39, 345.
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149. David Ginsburg, The role of secondary orbital interactions in control of organic reactions. *Tetrahedron* **1983**, 39, 2095.

150. A. S. Rao, S. K. Paknikar and J. G. Kirtane, Recent advances in the preparation and synthetic applications of oxiranes. *Tetrahedron* **1983**, 39, 2323.
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153. Dale L. Boger, Diels–Alder reactions of azadienes. *Tetrahedron* **1983**, 39, 2869.
154. Guillermo A. Jacobucci and James G. Sweeny, The chemistry of anthocyanins, anthocyanidins and related flavylum salts. *Tetrahedron* **1983**, 39, 3005.
155. J. Donald Albright, Reactions of acyl anion equivalents derived from cyanohydrins, protected cyanohydrins and α -dialkylamino-nitriles. *Tetrahedron* **1983**, 39, 3207.
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159. Ender Erdik, Copper(I) catalyzed reactions of organolithiums and Grignard reagents. *Tetrahedron* **1984**, 40, 641.
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161. Manuel M. Baizer, Recent developments in organic synthesis by electrolysis. *Tetrahedron* **1984**, 40, 935.
162. James P. Ferris and William J. Hagan Jr., HCN and chemical evolution: the possible role of cyano compounds in prebiotic synthesis. *Tetrahedron* **1984**, 40, 1093.
163. James Lindley, Copper assisted nucleophilic substitution of aryl halogen. *Tetrahedron* **1984**, 40, 1433.
164. Brian Bannister, (7S)-7-Deoxy-7-substituted-alkylthio-lincosams. S-Alkylation of sulphides by an activated epimine under acidic catalysis: formation of α -acetamido-sulphides. *Tetrahedron* **1984**, 40, 1633.
165. Robert S. H. Liu and Alfred E. Asato, Photochemistry and synthesis of stereoisomers of vitamin A. *Tetrahedron* **1984**, 40, 1931.
166. Louis S. Hegedus, Palladium(II)-assisted reactions of monoolefins. *Tetrahedron* **1984**, 40, 2415.
167. Ottorino De Lucchi and Giorgio Modena, Acetylene equivalents in cycloaddition reactions. *Tetrahedron* **1984**, 40, 2585.
168. Daniel J. Pasto, Recent developments in allene chemistry. *Tetrahedron* **1984**, 40, 2805.
169. Peter W. Hickmott, Recent advances in the chemistry of conjugated enamines. *Tetrahedron* **1984**, 40, 2989.
170. T. D. Inch, Formation of convenient chiral intermediates from carbohydrates and their use in synthesis. *Tetrahedron* **1984**, 40, 3161.
171. Morton Raban and Daniel Kost, Stereolabile configurational units. Torsional and inversional stereochemistry in sulfenamides and hydroxylamines. *Tetrahedron* **1984**, 40, 3345.
172. T. S. Santhanakrishnan, Biohydroxylation of terpenes in mammals. *Tetrahedron* **1984**, 40, 3597.
173. Josef Michl, Magnetic circular dichroism of aromatic molecules. *Tetrahedron* **1984**, 40, 3845.
174. Richard M. Pagni, Multiply charged carbocations and related species in solution. *Tetrahedron* **1984**, 40, 4161.
175. Maurice Shamma and Hélène Guinaudeau, Biogenetic pathways for the aporphinoid alkaloids. *Tetrahedron* **1984**, 40, 4795.
176. Bruce H. Lipschutz, Robert S. Wilhelm and Joseph A. Kozlowski, The chemistry of higher order organocuprates. *Tetrahedron* **1984**, 40, 5005.
177. Tse-Lok Ho, Chemoselectivity of organometallic reactions. A HSAB appraisal. *Tetrahedron* **1985**, 41, 3.
178. Henk C. van der Plas, Ring degenerate transformations of azines. *Tetrahedron* **1985**, 41, 237.
179. Karel Wiesner, Some highlights in the structural and synthetic chemistry of the aconite alkaloids. A personal historical perspective. *Tetrahedron* **1985**, 41, 485.
180. S. David and S. Hanessian, Regioselective manipulation of hydroxyl groups via organotin derivatives. *Tetrahedron* **1985**, 41, 643.
181. Michael Reuman and A. I. Meyers, The synthetic utility of oxazolines in aromatic substitution. *Tetrahedron* **1985**, 41, 837.
182. Shlomo Rozen and Robert Filler, α -Fluorocarbonyl compounds and related chemistry. *Tetrahedron* **1985**, 41, 1111.
183. Charles J. M. Stirling, Evaluation of the effect of strain upon reactivity. *Tetrahedron* **1985**, 41, 1613.
184. Maurits Vandewalle and Pierre De Clercq, Total synthesis of polycarbocyclic sesquiterpenes. A survey of novel methods and reactions. *Tetrahedron* **1985**, 41, 1767.
185. W. David Ollis, Stephen P. Stanforth and Christopher A. Ramsden, Heterocyclic mesomeric betaines. *Tetrahedron* **1985**, 41, 2239.
186. R. A. Cherkasov, G. A. Kutyrev and A. N. Pudovik, Organothiophosphorus reagents in organic synthesis. *Tetrahedron* **1985**, 41, 2567.
187. Z. V. Todres, Ion-radical organic reactions. *Tetrahedron* **1985**, 41, 2771.
188. Manssur Yalpani, A survey of recent advances in selective chemical and enzymic polysaccharide modifications. *Tetrahedron* **1985**, 41, 2957.
189. David M. Walba, Topological stereochemistry. *Tetrahedron* **1985**, 41, 3161.
190. I. Paterson and M. M. Mansuri, Recent developments in the total synthesis of macrolide antibiotics. *Tetrahedron* **1985**, 41, 3569.
191. W. N. Speckamp and H. Hiemstra, Intramolecular reactions of N-acyliminium intermediates. *Tetrahedron* **1985**, 41, 4367.
192. Michael P. Cava and Matthew I. Levinson, Thionation reactions of Lawesson's reagents. *Tetrahedron* **1985**, 41, 5061.
193. John D. Coyle, The photochemistry of thiocarbonyl compounds. *Tetrahedron* **1985**, 41, 5393.
194. Eliahu Caspi, The mode of incorporation of C-2 hydrogen atoms of mevalonic acid into protosterols and sterols. *Tetrahedron* **1986**, 42, 3.
195. Janusz Jurczak, Stanislaw Pikul and Tomasz Bauer, (R)- and (S)-2,3-O-isopropylidenedeglyceraldehyde in stereoselective organic synthesis. *Tetrahedron* **1986**, 42, 447.
196. D. N. Kirk, The chiroptical properties of carbonyl compounds. *Tetrahedron* **1986**, 42, 777.
197. Alain Krief, Syntheses of tetraheterofulvalenes and of vinylene triheterocarbonates—strategy and practice. *Tetrahedron* **1986**, 42, 1209.
198. Nelson J. Leonard and Shivayogi P. Hiremath, Dimensional probes of binding and activity. *Tetrahedron* **1986**, 42, 1917.
199. J. I. G. Cadogan, Clare L. Hickson and Hamish McNab, Short contact time reactions of large organic free radicals. *Tetrahedron* **1986**, 42, 2135.
200. Vinod K. Kansal and Pierre Potier, The biogenetic, synthetic and biochemical aspects of ellipticine, an antitumor alkaloid. *Tetrahedron* **1986**, 42, 2389.
201. Hani R. Seikaly and Thomas T. Tidwell, Addition reactions of ketenes. *Tetrahedron* **1986**, 42, 2587.
202. R. Karl Dieter, α -Oxo ketene dithioacetals and related compounds: versatile three-carbon synthons. *Tetrahedron* **1986**, 42, 3029.
203. J. Bryan Jones, Enzymes in organic synthesis. *Tetrahedron* **1986**, 42, 3351.
204. Brid M. Dilworth and M. Anthony McKerverey, Organic synthesis with α -chlorosulfides. *Tetrahedron* **1986**, 42, 3731.

205. Jean-Pierre Rieu, André Boucherle, Henri Cousse and Gilbert Mouzin, Methods for the synthesis of antiinflammatory 2-aryl propionic acids. *Tetrahedron* **1986**, 42, 4095.
206. Jiro Tsuji, New general synthetic methods involving π -allylpalladium complexes as intermediates and neutral reaction conditions. *Tetrahedron* **1986**, 42, 4361.
207. John Mann, The synthetic utility of oxyallyl cations. *Tetrahedron* **1986**, 42, 4611.
208. Terry Rosen and Clayton H. Heathcock, The synthesis of mevinic acids. *Tetrahedron* **1986**, 42, 4909.
209. J. W. ApSimon and T. Lee Collier, Recent advances in asymmetric synthesis. Part 2. *Tetrahedron* **1986**, 42, 5157.
210. Michel Madesclaire, Synthesis of sulfoxides by oxidation of thioethers. *Tetrahedron* **1986**, 42, 5459.
211. V. Ramamurthy, Organic photochemistry in organized media. *Tetrahedron* **1986**, 42, 5753.
212. S. K. Pradhan, Mechanism and stereochemistry of alkali metal reductions of cyclic saturated and unsaturated ketones in protic solvents. *Tetrahedron* **1986**, 42, 6351.
213. H. B. Kagan and J. L. Namy, Lanthanides in organic synthesis. *Tetrahedron* **1986**, 42, 6573.
214. G. R. Krow, One carbon ring expansions of bridged bicyclic ketones. *Tetrahedron* **1987**, 43.
215. D. W. Roberts and D. L. Williams, Sulfone chemistry. *Tetrahedron* **1987**, 43.
216. Wolfgang Oppolzer, Camphor derivatives as chiral auxiliaries in asymmetric synthesis. *Tetrahedron* **1987**, 43.
217. Ender Erdik, Use of activation methods for organozinc reagents. *Tetrahedron* **1987**, 43.
218. N. K. Kochetkov, Synthesis of polysaccharides with a regular structure. *Tetrahedron* **1987**, 43.
219. Yu. G. Gololobov, V. P. Lysenko and I. E. Boldeskul, Twenty-five years of dimethylsulfoxonium methylide (Corey's reagent). *Tetrahedron* **1987**, 43.
220. James L. Charlton and M. M. Alauddin, Orthoquinodimethanes. *Tetrahedron* **1987**, 43.
221. John T. Welch, Advances in the preparation of biologically active organofluorine compounds. *Tetrahedron* **1987**, 43.
222. Taryn L. B. Boivin, Synthetic routes to tetrahydrofuran, tetrahydropyran, and spiroketal units of polyether antibiotics and a survey of spiroketals of other natural products. *Tetrahedron* **1987**, 43.
223. Muthyala Ramaiah, Radical reactions in organic synthesis. *Tetrahedron* **1987**, 43.
224. Z. V. Todres, Ethylenic compounds as probes for the study of donor–acceptor interaction. *Tetrahedron* **1987**, 43.
225. Alan R. Katritzky, Daryl L. Ostercamp and Taher I. Yousof, The mechanisms of heterocyclic ring closures. *Tetrahedron* **1987**, 43.
226. André Collet, Cyclotriveratrylenes and cryptophanes. *Tetrahedron* **1987**, 43.
227. Oleg N. Chupakhin, Valery N. Charushin and Henk C. van der Plas, Nucleophilic substitution of hydrogen in azines. *Tetrahedron* **1988**, 44, 1.
228. Eric Block and Mohammad Aslam, The chemistry of mixed organosulfur–silicon compounds. *Tetrahedron* **1988**, 44, 281.
229. W. E. Billups, Wayne E. Rodin and Michael M. Haley, Cyclopropenes. *Tetrahedron* **1988**, 44, 1305.
230. Hans Stach and Manfred Hesse, Synthesis of macrocyclic compounds by ring enlargement. *Tetrahedron* **1988**, 44, 1573.
231. Ernst Schaumann, The chemistry of thioketens. *Tetrahedron* **1988**, 44, 1827.
232. Russell Rodrigo, Progress in the chemistry of isobenzofurans; applications to the synthesis of natural products and polyaromatic hydrocarbons. *Tetrahedron* **1988**, 44, 2093.
233. Alan P. Marchand, Synthesis and chemistry of novel polynitropolycyclic cage molecules. *Tetrahedron* **1988**, 44, 2377.
234. G. G. Furin, O. A. Vyazankina, B. A. Gostevsky and N. S. Vyazankin, Synthetic aspects of the use of organosilicon compounds under nucleophilic catalysis conditions. *Tetrahedron* **1988**, 44, 2675.
235. Rudolph A. Abramovich, Derek H. R. Barton and Jean-Pierre Finet, New methods of arylation. *Tetrahedron* **1988**, 44, 3039.
236. Richard G. Weiss, Thermotropic liquid crystals as reaction media for mechanistic investigations. *Tetrahedron* **1988**, 44, 3413.
237. Jean-Marc Pons and Maurice Santelli, Reductions promoted by low valent transition metal complexes in organic synthesis. *Tetrahedron* **1988**, 44, 4295.
238. Siegfried E. Drewes and Gregory H. P. Roos, Synthetic potential of the tertiary-amine-catalysed reaction of activated vinyl carbanions with aldehydes. *Tetrahedron* **1988**, 44, 4653.
239. Keiji Maruoka and Hisashi Yamamoto, Organoaluminums in organic synthesis. *Tetrahedron* **1988**, 44, 5001.
240. Anthony G. M. Barrett and Michael A. Sturgess, Applications of organometallic reagents in β -lactam chemistry. *Tetrahedron* **1988**, 44, 5615.
241. Nitya Anand and Jujhar Singh, Chemistry of lactam acetals. *Tetrahedron* **1988**, 44, 5975.
242. Frank S. Guziec Jr., and Lynn J. SanFilippo, Synthetically useful extrusion reactions of organic sulfur, selenium and tellurium compounds. *Tetrahedron* **1988**, 44, 6241.
243. Michel Madesclaire, Reduction of sulfoxides to thioethers. *Tetrahedron* **1988**, 44, 6537.
244. Ottorino De Lucchi and Lucia Pasquato, The role of sulfur functionalities in activating and directing olefins in cycloaddition reactions. *Tetrahedron* **1988**, 44, 6755.
245. Mordecai Rabinovitz and Yoram Cohen, Probing the nature of polycyclic conjugated dianions: from carbocyclic to heterocyclic dianions: NMR studies, π -delocalization and electronic structure. *Tetrahedron* **1988**, 44, 6957.
246. Thomas N. Sorrell, Synthetic models for binuclear copper proteins. *Tetrahedron* **1989**, 45, 3.
247. Gerald W. Buchanan, Applications of ^{15}N NMR spectroscopy to the study of molecular structure, stereochemistry and binding phenomena. *Tetrahedron* **1989**, 45, 581.
248. Jih Ru Hwu and Bryant A. Gilbert, Counterattack reagents in organic reactions and in syntheses. *Tetrahedron* **1989**, 45, 1233.
249. Peter W. Rabideau, The metal–ammonia reduction of aromatic compounds. *Tetrahedron* **1989**, 45, 1579.
250. Donald S. Matteson, Boronic esters in stereodirected synthesis. *Tetrahedron* **1989**, 45, 1859.
251. L. Wozniak and J. Chojnowski, Silyl esters of phosphorus—common intermediates in synthesis. *Tetrahedron* **1989**, 45, 2465.
252. Kenji Mori, Synthesis of optically active pheromones. *Tetrahedron* **1989**, 45, 3233.
253. David W. Boykin and Alfons L. Baumstark, ^{17}O NMR Spectroscopy: assessment of steric perturbation of structure in organic compounds. *Tetrahedron* **1989**, 45, 3613.
254. Richard N. McDonald, Generation, thermochemistry, and chemistry of carbene anion radicals and related species. *Tetrahedron* **1989**, 45, 3993.
255. Claude F. Bernasconi, Nucleophilic addition to olefins. Kinetics and mechanism. *Tetrahedron* **1989**, 45, 4017.
256. John P. Devlin and Karl D. Hargrave, The design and synthesis of immune regulatory agents: targets and approaches. *Tetrahedron* **1989**, 45, 4327.
257. Ralph M. Pollack, Stereoelectronic control in the reactions of ketones and their enol(ate)s. *Tetrahedron* **1989**, 45, 4913.
258. Nathan L. Bauld, Cation radical cycloadditions and related sigma-tropic reactions. *Tetrahedron* **1989**, 45, 5307.
259. Eric J. Toone, Ethan S. Simon, Mark D. Bednarski and George M. Whitesides, Enzyme-catalyzed synthesis of carbohydrates. *Tetrahedron* **1989**, 45, 5365.

260. Franklin A. Davis and Aurelia C. Sheppard, Applications of oxaziridines in organic synthesis. *Tetrahedron* **1989**, 45, 5703.
261. Leonid N. Markovski and Vadim D. Romanenko, Phosphaalkynes and phosphaalkenes. *Tetrahedron* **1989**, 45, 6019.
262. G. Baschang, Muramylpeptides and lipopeptides: studies towards immunostimulants. *Tetrahedron* **1989**, 45, 6331.
263. George W. Kabalka and Rajender S. Varma, The synthesis of radiolabeled compounds via organometallic intermediates. *Tetrahedron* **1989**, 45, 6601.
264. Iwao Ojima, Nuria Clos and Cecilia Bastos, Recent advances in catalytic asymmetric reactions promoted by transition metal complexes. *Tetrahedron* **1989**, 45, 6901.
265. Motohiro Nishio and Minoru Hirota, CH/ π interaction: implications in organic chemistry. *Tetrahedron* **1989**, 45, 7201.
266. Philip C. Bulman Page, Monique B. van Niel and Jeremy C. Procter, Synthetic uses of the 1,3-dithiane grouping from 1977 to 1988. *Tetrahedron* **1989**, 45, 7643.
267. K. Krohn, Synthesis of anthracyclines by electrophilic and nucleophilic addition to anthraquinones. *Tetrahedron* **1990**, 46, 291.
268. Roger W. Alder, Intrabridgehead chemistry. *Tetrahedron* **1990**, 46, 683.
269. Paolo Strazzolini, Angelo G. Giumanini and Satina Cauci, Acetic formic anhydride: a review. *Tetrahedron* **1990**, 46, 1081.
270. C. Thebtaranonth and Y. Thebtaranonth, Developments in cyclisation reactions. *Tetrahedron* **1990**, 46, 1385.
271. Maurilio Tramontini and Luigi Angiolini, Further advances in the chemistry of Mannich bases. *Tetrahedron* **1990**, 46, 1791.
272. Charles H. Stammer, Cyclopropane amino acids (2,3- and 3,4-methanoamino acids). *Tetrahedron* **1990**, 46, 2231.
273. Joseph B. Lambert, The interaction of silicon with positively charged carbon. *Tetrahedron* **1990**, 46, 2677.
274. Giuliana Cardillo and Mario Orena, Stereocontrolled cyclofunctionalizations of double bonds through heterocyclic intermediates. *Tetrahedron* **1990**, 46, 3321.
275. Metin Balci, Yasar Sütbeyaz and Hasan Seçen, Conduritols and related compounds. *Tetrahedron* **1990**, 46, 3715.
276. Véronique Lamare and Roland Furstoss, Bioconversion of sesquiterpenes. *Tetrahedron* **1990**, 46, 4109.
277. R. S. Ward, Asymmetric synthesis of lignans. *Tetrahedron* **1990**, 46, 5029.
278. H. Junjappa, H. Ila and C. V. Asokan, α -Oxoketene- S,S-, N,S- and N,N-acetals: versatile intermediates in organic synthesis. *Tetrahedron* **1990**, 46, 5423.
279. Kaoru Okamoto and Toshio Goto, Glycosidation of sialic acid. *Tetrahedron* **1990**, 46, 5835.
280. M. Chanon, M. Rajzmann and F. Chanon, One electron more, one electron less. What does it change? Activations induced by electron transfer. The electron, an activating messenger. *Tetrahedron* **1990**, 46, 6193.
281. Li-Ming Zhu and M. Catriona Tedford, Applications of pig liver esterases (PLE) in asymmetric synthesis. *Tetrahedron* **1990**, 46, 6587.
282. Nigel S. Simpkins, The chemistry of vinyl sulphones. *Tetrahedron* **1990**, 46, 6951.
283. Ulrich T. Mueller-Westerhoff, Blake Vance and Dong Ihl Yoon, The synthesis of dithiolene dyes with strong near-IR absorption. *Tetrahedron* **1991**, 47, 909.
284. Robert V. Hoffman, Synthetic transformations using arenesulfonyloxy groups, first as electrophiles, then as leaving groups. *Tetrahedron* **1991**, 47, 1109.
285. Edward L. Clennan, Synthetic and mechanistic aspects of 1,3-diene photooxidation. *Tetrahedron* **1991**, 47, 1343.
286. Yu. I. Matveyev, V. I. Gorbatenko and L. I. Samarai, 1,1-Dihaloalkyl heterocumulenes: synthesis and reactions. *Tetrahedron* **1991**, 47, 1563.
287. Julian Adams and Denice M. Spero, Rhodium(II) catalyzed reactions of diazo-carbonyl compounds. *Tetrahedron* **1991**, 47, 1765.
288. Alan R. Katritzky, Stanislaw Rachwal and Gregory J. Hitchings, Benzotriazole: a novel synthetic auxiliary. *Tetrahedron* **1991**, 47, 2683.
289. Branko Stanovnik, 1,3-Dipolar cycloadditions of diazoalkanes to some nitrogen containing heteroaromatic systems. *Tetrahedron* **1991**, 47, 2925.
290. Jean-Pierre Bégué and Danièle Bonnet-Delpon, Preparation of trifluoromethyl ketones and related fluorinated ketones. *Tetrahedron* **1991**, 47, 3207.
291. Ashok K. Gupta, Xiaoyong Fu, James P. Snyder and James M. Cook, General approach for the synthesis of polyquinenes via the Weiss reaction. *Tetrahedron* **1991**, 47, 3665.
292. Charles M. Thompson and Diana L. C. Green, Recent advances in dianion chemistry. *Tetrahedron* **1991**, 47, 4223.
293. John Crosby, Synthesis of optically active compounds: a large scale perspective. *Tetrahedron* **1991**, 47, 4789.
294. Norihiko Yoneda, The combination of hydrogen fluoride with organic bases as fluorination agents. *Tetrahedron* **1991**, 47, 5329.
295. P. Cintas, Asymmetric synthesis of α -amino acids from carbohydrates as chiral templates. *Tetrahedron* **1991**, 47, 6079.
296. Randolph P. Thummel, The synthesis and properties of organized polyaza cavity-shaped molecules. *Tetrahedron* **1991**, 47, 6851.
297. Fred H. van der Steen and Gerard van Koten, Syntheses of 3-amino-2-azetidiones: a literature survey. *Tetrahedron* **1991**, 47, 7503.
298. Alexander A. Kutayev, Nucleophilic reactions of quinones. *Tetrahedron* **1991**, 47, 8043.
299. Neil S. Isaacs, The role of high pressure methods in organic chemistry. *Tetrahedron* **1991**, 47, 8463.
300. Madeleine M. Joullié, Tracy R. Thompson and Norman H. Nemeroff, Ninhydrin and ninhydrin analogs. Syntheses and applications. *Tetrahedron* **1991**, 47, 8791.
301. P. Andrew Evans and Andrew B. Holmes, Medium ring nitrogen heterocycles. *Tetrahedron* **1991**, 47, 9131.
302. Daniel Romo and A. I. Meyers, Chiral non-racemic bicyclic lactams. Vehicles for the construction of natural and unnatural products containing quaternary carbon centers. *Tetrahedron* **1991**, 47, 9503.
303. Robert R. Ruffolo Jr., Chirality in α - and β -adrenoceptor agonists and antagonists. *Tetrahedron* **1991**, 47, 9953.
304. Donald J. Burton and Zhen-Yu Yang, Fluorinated organometallics: perfluoroalkyl and functionalized perfluoroalkyl organometallic reagents in organic synthesis. *Tetrahedron* **1992**, 48, 189.
305. Alan D. Borthwick and Keith Biggadike, Synthesis of chiral carbocyclic nucleosides. *Tetrahedron* **1992**, 48, 571.
306. Maria I. Colombo, Juan Zinczuk and Edmundo A. Ruveda, Synthetic routes to forskolin. *Tetrahedron* **1992**, 48, 963.
307. Yuri G. Gololobov and Leonid F. Kasukhin, Recent advances in the Staudinger reaction. *Tetrahedron* **1992**, 48, 1353.
308. Daneel Ferreira, Jan P. Steynberg, David G. Roux and E. Vincent Brandt, Diversity of structure and function in oligomeric flavanoids. *Tetrahedron* **1992**, 48, 1743.
309. Serge L. Beaucage and Radhakrishnan P. Iyer, Advances in the synthesis of oligonucleotides by the phosphoramidite approach. *Tetrahedron* **1992**, 48, 2223.
310. David J. Ager and Michael B. East, Methodology to establish 1,2- and 1,3-difunctionality for the synthesis of carbohydrate derivatives. *Tetrahedron* **1992**, 48, 2803.
311. Jianxin Chen, John R. Scheffer and James Trotter, Differences in photochemical reactivity of 9, 10-ethenoanthracene derivatives in liquid and crystalline media. *Tetrahedron* **1992**, 48, 3251.
312. Charles M. Marson, Reactions of carbonyl compounds with (monohalo)methyleniminium salts (Vilsmeier reagents). *Tetrahedron* **1992**, 48, 3659.

313. Kevin Burgess and Ian Henderson, Synthetic approaches to stereoisomers and analogues of castanospermine. *Tetrahedron* **1992**, 48, 4045.
314. Jerald S. Bradshaw, Krzysztof E. Krakowiak and Reed M. Izatt, Preparation of diamino ethers and polyamines. *Tetrahedron* **1992**, 48, 4475.
315. Eusebio Juaristi and Gabriel Cuevas, Recent studies of the anomeric effect. *Tetrahedron* **1992**, 48, 5019.
316. Albert Padwa and Keith E. Krumpe, Application of intramolecular carbenoid reactions in organic synthesis. *Tetrahedron* **1992**, 48, 5385.
317. Nicos A. Petasis and Michael A. Patane, The synthesis of carbocyclic eight-membered rings. *Tetrahedron* **1992**, 48, 5757.
318. Eiichi Kimura, Macrocyclic polyamines with intelligent functions. *Tetrahedron* **1992**, 48, 6175.
319. Martin A. McClinton and Deborah A. McClinton, Tri-fluoromethylations and related reactions in organic chemistry. *Tetrahedron* **1992**, 48, 6555.
320. L. A. Paquette and C. J. M. Stirling, The intramolecular S_N reaction. *Tetrahedron* **1992**, 48, 7383.
321. Roger Crossley, The relevance of chirality to the study of biological activity. *Tetrahedron* **1992**, 48, 8155.
322. Maarten H. D. Postema, Recent developments in the synthesis of C-glycosides. *Tetrahedron* **1992**, 48, 8545.
323. Kamyar Afarinkia, Victoria Vinader, Todd D. Nelson and Gary H. Posner, Diels–Alder cycloadditions of 2-pyrones and 2-pyridones. *Tetrahedron* **1992**, 48, 9111.
324. Ender Erdik, Transition metal catalyzed reactions of organozinc reagents. *Tetrahedron* **1992**, 48, 9577.
325. Edwin C. Constable, Oligopyridines as helicing ligands. *Tetrahedron* **1992**, 48, 10013.
326. Vincenzo Balzani, Supramolecular photochemistry. *Tetrahedron* **1992**, 48, 10443.
327. Byeang Hyeon Kim and Dennis P. Curran, Asymmetric thermal reactions with Oppolzer's camphor sultam. *Tetrahedron* **1993**, 49, 293.
328. Martin Newcomb, Competition methods and scales for alkyl radical reaction kinetics. *Tetrahedron* **1993**, 49, 1151.
329. Serge L. Beaucage and Radhakrishnan P. Iyer, The functionalization of oligonucleotides via phosphoramidite derivatives. *Tetrahedron* **1993**, 49, 1925.
330. Victor I. Gorbatenko, Chemistry of chlorocarbonyl isocyanate. *Tetrahedron* **1993**, 49, 3227.
331. Claudio J. Salomon, Ernesto G. Mata and Oreste A. Mascaretti, Recent developments in chemical deprotection of ester functional groups. *Tetrahedron* **1993**, 49, 3691.
332. Ajoy K. Banerjee, William J. Vera and Nieves Canudas Gonzalez, Synthesis of terpenoid compounds from α -santonin. *Tetrahedron* **1993**, 49, 4761.
333. Huw M. L. Davies, Tandem cyclopropanation/Cope rearrangement: a general method for the construction of seven-membered rings. *Tetrahedron* **1993**, 49, 5203.
334. David J. Ager and Michael B. East, The synthesis of carbohydrate derivatives from acyclic precursors. *Tetrahedron* **1993**, 49, 5683.
335. Serge L. Beaucage and Radhakrishnan P. Iyer, The synthesis of modified oligonucleotides by the phosphoramidite approach and their applications. *Tetrahedron* **1993**, 49, 6123.
336. C. Oliver Kappe, 100 Years of the Biginelli dihydropyrimidine synthesis. *Tetrahedron* **1993**, 49, 6937.
337. Yutaka Nishigaichi, Akio Takuwa, Yoshinori Naruta and Kazuhiro Maruyama, Versatile roles of Lewis acids in the reactions of allylic tin compounds. *Tetrahedron* **1993**, 49, 7395.
338. Ben L. Feringa, Wolter F. Jager and Ben de Lange, Organic materials for reversible optical data storage. *Tetrahedron* **1993**, 49, 8267.
339. Johannes Dale, The contrasting behaviour of oxirane and oxetane in cationic cyclo-oligomerization and polymerization. *Tetrahedron* **1993**, 49, 8707.
340. Seiji Shinkai, Calixarenes—the third generation of supramolecules. *Tetrahedron* **1993**, 49, 8933.
341. Giuseppe Resnati, Synthesis of chiral and bioactive fluororganic compounds. *Tetrahedron* **1993**, 49, 9385.
342. Murat E. Niyazymbetov and Dennis H. Evans, The utility of carbanions and heteroatom-anions in electroorganic synthesis. *Tetrahedron* **1993**, 49, 9627.
343. Stanislaw F. Wnuk, Sulfur- and seleno-sugar modified nucleosides. Synthesis, chemical transformations and biological properties. *Tetrahedron* **1993**, 49, 9877.
344. Manfred Schlosser, Olivier Desponds, Ruth Lehmann, Etienne Moret and Günter Rauchschnalbe, Polar allyl type organometallics as key intermediates in regio and stereo-controlled reactions: conformational mobilities and preferences. *Tetrahedron* **1993**, 49, 10175.
345. Serge L. Beaucage and Radhakrishnan P. Iyer, The synthesis of specific ribonucleotides and unrelated phosphorylated biomolecules by the phosphoramidite method. *Tetrahedron* **1993**, 49, 10441.
346. Craig J. Roxburgh, Syntheses of medium sized rings by ring expansion reactions. *Tetrahedron* **1993**, 49, 10749.
347. Paul Lloyd-Williams, Fernando Albericio and Ernest Giralt, Convergent solid-phase peptide synthesis. *Tetrahedron* **1993**, 49, 11065.
348. Angelo Albini, Mariella Mella and Mauro Freccero, A new method in radical chemistry: generation of radicals by photo-induced electron transfer and fragmentation of the radical cation. *Tetrahedron* **1994**, 50, 575.
349. Rudolf O. Duthaler, Recent developments in the stereoselective synthesis of α -aminoacids. *Tetrahedron* **1994**, 50, 1539.
350. Thomas G. Gant and A. I. Meyers, The chemistry of 2-oxazolines (1985–present). *Tetrahedron* **1994**, 50, 2297.
351. Donald J. Burton, Zhen-Yu Yang and Peter A. Morken, Fluorinated organometallics: vinyl, alkynyl, allyl, benzyl, propargyl and aryl fluorinated organometallic reagents in organic synthesis. *Tetrahedron* **1994**, 50, 2993.
352. Sambasivarao Kotha, Opportunities in asymmetric synthesis: an industrial prospect. *Tetrahedron* **1994**, 50, 3639.
353. Jun-ichi Anzai and Tetsuo Osa, Photosensitive artificial membranes based on azobenzene and spirobenzopyran derivatives. *Tetrahedron* **1994**, 50, 4039.
354. Vinayak V. Kane, Willem H. De Wolf and Friedrich Bickelhaupt, Synthesis of small cyclophanes. *Tetrahedron* **1994**, 50, 4575.
355. Nakshatra B. Singh, Ram J. Singh and Narendra P. Singh, Organic solid state reactivity. *Tetrahedron* **1994**, 50, 6441.
356. Raj K. Bansal, Konstantin Karaghiosoff and Alfred Schmidpeter, Anellated heterophospholes. *Tetrahedron* **1994**, 50, 7675.
357. Lise Kvittingen, Some aspects of biocatalysis in organic solvents. *Tetrahedron* **1994**, 50, 8253.
358. Pascale Besse and Henri Veschambre, Chemical and biological synthesis of chiral epoxides. *Tetrahedron* **1994**, 50, 8885.
359. Derek C. Cole, Recent stereoselective synthetic approaches to β -amino acids. *Tetrahedron* **1994**, 50, 9517.
360. Jean-Michel Savéant, Mechanisms and reactivity in electron transfer induced aromatic nucleophilic substitution. Recent advances. *Tetrahedron* **1994**, 50, 10117.
361. Luigi Agrofoglio, Edouard Suhas, Audrey Farese, Roger Condom, S. Richard Challand, Robert A. Earl and Roger Guedj, Synthesis of carbocyclic nucleosides. *Tetrahedron* **1994**, 50, 10611.
362. Christophe Morin, The chemistry of boron analogues of biomolecules. *Tetrahedron* **1994**, 50, 12521.
363. David Middlemiss and Stephen P. Watson, A medicinal chemistry case study: an account of an angiotensin II antagonist drug discovery programme. *Tetrahedron* **1994**, 50, 13049.

364. Andreas Heumann and Marius Réglie, The stereochemistry of palladium-catalysed cyclisation reactions—B. Addition to π -allyl intermediates. *Tetrahedron* **1995**, *51*, 975.
365. John P. Richard, A consideration of the barrier for carbocation–nucleophile combination reactions. *Tetrahedron* **1995**, *51*, 1535.
366. Steven R. Magnuson, Two-directional synthesis and its use in natural product synthesis. *Tetrahedron* **1995**, *51*, 2167.
367. Gérard Rousseau, Medium ring lactones. *Tetrahedron* **1995**, *51*, 2777.
368. John C. Sherman, Carceplexes and hemicarceplexes: molecular encapsulation: from hours to forever. *Tetrahedron* **1995**, *51*, 3395.
369. Takayuki Shioiri, Yasumasa Hamada and Fumiyoshi Matsuura, Total synthesis of phytosiderophores. *Tetrahedron* **1995**, *51*, 3939.
370. Abimael D. Rodríguez, The natural products chemistry of West Indian gorgonian octocorals. *Tetrahedron* **1995**, *51*, 4571.
371. Anthony S. Mitchell and Richard A. Russell, Annulation reactions with stabilized phthalide anions. *Tetrahedron* **1995**, *51*, 5207.
372. Martin Weissenberg and Jacques Levisalles, Reduction of 1-oxosteroids. *Tetrahedron* **1995**, *51*, 5711.
373. Alexander McKillop and William R. Sanderson, Sodium perborate and sodium percarbonate: cheap, safe and versatile oxidising agents for organic synthesis. *Tetrahedron* **1995**, *51*, 6145.
374. Marcus A. Tius, Xenon difluoride in synthesis. *Tetrahedron* **1995**, *51*, 6605.
375. George Majetich and Karen Wheless, Remote intramolecular free radical functionalizations: an update. *Tetrahedron* **1995**, *51*, 7095.
376. Peter I. Dalko, Redox induced radical and radical ionic carbon–carbon bond forming reactions. *Tetrahedron* **1995**, *51*, 7579.
377. Nicholas K. Terrett, Mark Gardner, David W. Gordon, Ryszard J. Kobylecki and John Steele, Combinatorial synthesis: the design of compound libraries and their application to drug discovery. *Tetrahedron* **1995**, *51*, 8135.
378. Motohiro Nishio, Yoji Umezawa, Minoru Hirota and Yasuo Takeuchi, The CH/ π interaction: significance in molecular recognition. *Tetrahedron* **1995**, *51*, 8665.
379. Normand Voyer and Julie Lamothe, The use of peptidic frameworks for the construction of molecular receptors and devices. *Tetrahedron* **1995**, *51*, 9241.
380. Craig J. Roxburgh, The syntheses of large-ring compounds. *Tetrahedron* **1995**, *51*, 9767.
381. S. Caddick, Microwave assisted organic reactions. *Tetrahedron* **1995**, *51*, 10403.
382. David J. Miller and Christopher J. Moody, Synthetic applications of the O–H insertion reactions of carbenes and carbenoids derived from diazocarbonyl and related diazo compounds. *Tetrahedron* **1995**, *51*, 10811.
383. Peter S. Zuev and Robert S. Sheridan, Organic polycarbenes: generation, characterization and chemistry. *Tetrahedron* **1995**, *51*, 11337.
384. Charles L. Perrin, Reverse anomeric effect: fact or fiction? *Tetrahedron* **1995**, *51*, 11901.
385. Steven A. Fleming, Chemical reagents in photoaffinity labeling. *Tetrahedron* **1995**, *51*, 12479.
386. Richard A. Bunce, Recent advances in the use of tandem reactions for organic synthesis. *Tetrahedron* **1995**, *51*, 13103.
387. Andrew H. Berks, Preparations of two pivotal intermediates for the synthesis of 1- β -methyl carbapenem antibiotics. *Tetrahedron* **1996**, *52*, 331.
388. Geert-Jan Boons, Strategies in oligosaccharide synthesis. *Tetrahedron* **1996**, *52*, 1095.
389. Oleg I. Kolodiaznyi, C–Element-substituted phosphorus ylids. *Tetrahedron* **1996**, *52*, 1855.
390. Peter Timmerman, Willem Verboom and David N. Reinhoudt, Resorcinarenes. *Tetrahedron* **1996**, *52*, 2663.
391. Marcial Moreno-Mañas, Jordi Marquet and Adelina Vallribera, Transformations of β -dicarbonyl compounds by reactions of their transition metal complexes with carbon and oxygen electrophiles. *Tetrahedron* **1996**, *52*, 3377.
392. Elke Schoffers, Adam Golebiowski and Carl R. Johnson, Enantioselective synthesis through enzymatic asymmetrication. *Tetrahedron* **1996**, *52*, 3769.
393. Andrew F. Parsons, Recent developments in kainoid amino acid chemistry. *Tetrahedron* **1996**, *52*, 4149.
394. Pedro H. H. Hermkens, Harry C. J. Ottenheijm and David Rees, Solid-phase organic reactions: a review of the recent literature. *Tetrahedron* **1996**, *52*, 4527.
395. Benjamin W. Gung, Diastereofacial selection in nucleophilic additions to unsymmetrically substituted trigonal carbons. *Tetrahedron* **1996**, *52*, 5263.
396. Chao-Jun Li, Aqueous Barbier–Grignard type reaction: scope, mechanism, and synthetic applications. *Tetrahedron* **1996**, *52*, 5643.
397. Howard L. Mansell, Synthetic approaches to anatoxina. *Tetrahedron* **1996**, *52*, 6025.
398. Scott McN. Sieburth and Nicholas T. Cunard, The [4+4] cycloaddition and its strategic application in natural product synthesis. *Tetrahedron* **1996**, *52*, 6251.
399. Janet Wisniewski Grissom, Gamini U. Gunawardena, Detlef Klingberg and Dahai Huang, The chemistry of enediyne, enyne allenes and related compounds. *Tetrahedron* **1996**, *52*, 6453.
400. Robert A. McClelland, Flash photolysis generation and reactivities of carbenium ions and nitrenium ions. *Tetrahedron* **1996**, *52*, 6823.
401. Graeme R. Jones and Yannick Landais, The oxidation of the carbon–silicon bond. *Tetrahedron* **1996**, *52*, 7599.
402. Deevi Basavaiah, Poliseti Dharma Rao and Rachakonda Suguna Hyma, The Baylis–Hillman reaction: a novel carbon–carbon bond forming reaction. *Tetrahedron* **1996**, *52*, 8001.
403. Matthew J. Tozer and Timothée F. Herpin, Methods for the synthesis of gem-difluoromethylene compounds. *Tetrahedron* **1996**, *52*, 8619.
404. Andreas Heumann and Marius Réglie, The stereochemistry of palladium catalysed cyclisation reactions—C. Cascade reactions. *Tetrahedron* **1996**, *52*, 9289.
405. Senay Tascioglu, Micellar solutions as reaction media. *Tetrahedron* **1996**, *52*, 11113.
406. Peter Wipf and Heike Jahn, Synthetic applications of organochlorozirconocene complexes. *Tetrahedron* **1996**, *52*, 12853.
407. Carl H. Schiesser and Lisa M. Wild, Free-radical homolytic substitution: new methods for formation of bonds to heteroatoms. *Tetrahedron* **1996**, *52*, 13265.
408. Philippe Remuzon, trans-4-Hydroxy-L-proline, a useful and versatile chiral starting block. *Tetrahedron* **1996**, *52*, 13803.
409. David M. Hodgson, Andrew R. Gibbs and Gary P. Lee, Enantioselective desymmetrisation of achiral epoxides. *Tetrahedron* **1996**, *52*, 14361.
410. Alan R. Katritzky, Stanislaw Rachwal and Bogumila Rachwal, Recent progress in the synthesis of 1,2,3,4-tetrahydroquinolines. *Tetrahedron* **1996**, *52*, 15031.
411. Martyn Frederickson, Optically active isoxazolidines via asymmetric cycloaddition reactions of nitrones with alkenes: applications in organic synthesis. *Tetrahedron* **1997**, *53*, 403.
412. Anastasios Varvoglis, Chemical transformations induced by hypervalent iodine reagents. *Tetrahedron* **1997**, *53*, 1179.
413. Reuben D. Rieke and Mark V. Hanson, New organometallic reagents using highly reactive metals. *Tetrahedron* **1997**, *53*, 1925.
414. Gérard Jenner, High pressure and selectivity in organic reactions. *Tetrahedron* **1997**, *53*, 2669.
415. Florencio Zaragoza, Reactions of electrophilic carbenes with α -amino acid derivatives. *Tetrahedron* **1997**, *53*, 3425.
416. Louis S. Hegedus, Chromium carbene complex photochemistry in organic synthesis. *Tetrahedron* **1997**, *53*, 4105.

417. Irina Beletskaya and Andrew Pelter, Hydroborations catalysed by transition metal complexes. *Tetrahedron* **1997**, 53, 4957.
418. Pedro H. H. Hermkens, Harry C. J. Ottenheijm and David C. Rees, Solid-phase organic reactions. Part 2: A review of the literature November 1995–November 1996. *Tetrahedron* **1997**, 53, 5643.
419. Michael Harmata, Intramolecular cycloaddition reactions of allylic cations. *Tetrahedron* **1997**, 53, 6235.
420. Ei-ichi Negishi and Martin Kotora, Regio- and stereoselective synthesis of γ -alkylidene butenolides and related compounds. *Tetrahedron* **1997**, 53, 6707.
421. Masakatsu Shibasaki, Christopher D. J. Boden and Akihiko Kojima, The asymmetric Heck reaction. *Tetrahedron* **1997**, 53, 7371.
422. George W. Kabalka and Richard M. Pagni, Organic reactions on alumina. *Tetrahedron* **1997**, 53, 7999.
423. Eelco J. Ebbers, Gerry J. A. Ariaans, Joannes P. M. Houbiers, Alle Bruggink and Binne Zwanenburg, Controlled racemization of optically active organic compounds: prospects for asymmetric transformation. *Tetrahedron* **1997**, 53, 9417.
424. Mark A. Fredrick and Martin Hulce, Ambiphilic allenyl enolates. *Tetrahedron* **1997**, 53, 10197.
425. John D. Sutherland and J. Nicole Whitfield, Prebiotic chemistry: a bioorganic perspective. *Tetrahedron* **1997**, 53, 11493.
426. Stephen Hanessian, Grant McNaughton-Smith, Henry-Georges Lombart and William D. Lubell, Design and synthesis of conformationally constrained amino acids as versatile scaffolds and peptide mimetics. *Tetrahedron* **1997**, 53, 12789.
427. Marion P. J. van Durzen, Fred van Rantwijk and Roger A. Sheldon, Selective oxidations catalyzed by peroxidases. *Tetrahedron* **1997**, 53, 13183.
428. François Guibé, Allylic protecting groups and their use in a complex environment. Part 1: Allylic protection of alcohols. *Tetrahedron* **1997**, 53, 13509.
429. Leo A. Paquette, Recent applications of anionic oxy- Cope rearrangements. *Tetrahedron* **1997**, 53, 13971.
430. C. Oliver Kappe, S. Shaun Murphree and Albert Padwa, Synthetic applications of furan Diels–Alder chemistry. *Tetrahedron* **1997**, 53, 14179.
431. Ashwini Nangia, G. Prasuna and P. Bheema Rao, Synthesis of cyclopenta[c]pyran skeleton of iridoid lactones. *Tetrahedron* **1997**, 53, 14507.
432. Philip G. Hultin, Marion A. Earle and Manjula Sudharshan, Synthetic studies with carbohydrate-derived chiral auxiliaries. *Tetrahedron* **1997**, 53, 14823.
433. Ian V. J. Archer, Epoxide hydrolases as asymmetric catalysts. *Tetrahedron* **1997**, 53, 15617.
434. Robert G. Chapman and John C. Sherman, Templatation and encapsulation in supramolecular chemistry. *Tetrahedron* **1997**, 53, 15911.
435. David F. Wiemer, Synthesis of nonracemic phosphonates. *Tetrahedron* **1997**, 53, 16609.
436. Alex G. Fallis and Irina M. Brinza, Free radical cyclizations involving nitrogen. *Tetrahedron* **1997**, 53, 17543.
437. Stephen P. Stanforth, Catalytic cross-coupling reactions in biaryl synthesis. *Tetrahedron* **1998**, 54, 263.
438. Neeta Naik and Rebecca Braslau, Synthesis and applications of optically active nitroxides. *Tetrahedron* **1998**, 54, 667.
439. Paul F. Vogt and Marvin J. Miller, Development and applications of amino acid-derived chiral acylnitroso hetero Diels–Alder reactions. *Tetrahedron* **1998**, 54, 1317.
440. Yao-Zeng Huang, Yong Tang and Zhang-Lin Zhou, Synthetic applications of organotelluronium salts. *Tetrahedron* **1998**, 54, 1667.
441. Xue Long Hou, Hui Yin Cheung, Tung Yue Hon, Po Lo Kwan, Ting Hang Lo, Sing Yip Tong and Henry N. C. Wong, Regioselective syntheses of substituted furans. *Tetrahedron* **1998**, 54, 1955.
442. Donald R. Gauthier Jr., Kathleen S. Zandi and Kenneth J. Shea, Disposable tethers in synthetic organic chemistry. *Tetrahedron* **1998**, 54, 2289.
443. Alan R. Katritzky and Ming Qi, The generation and reactions of non-stabilized α -aminocarbanions. *Tetrahedron* **1998**, 54, 2647.
444. François Guibé, Allylic protecting groups and their use in a complex environment. Part 2: Allylic protecting groups and their removal through catalytic palladium π -allyl methodology. *Tetrahedron* **1998**, 54, 2967.
445. Gary A. Molander and Christina R. Harris, Sequenced reactions with samarium(II) iodide. *Tetrahedron* **1998**, 54, 3321.
446. Vishwakarma Singh and Beena Thomas, Recent developments in general methodologies for the synthesis of linear triquinanes. *Tetrahedron* **1998**, 54, 3647.
447. Ethan D. Sternberg, David Dolphin and Christian Brückner, Porphyrin-based photosensitizers for use in photodynamic therapy. *Tetrahedron* **1998**, 54, 4151.
448. Robert H. Grubbs and Sukbok Chang, Recent advances in olefin metathesis and its application in organic synthesis. *Tetrahedron* **1998**, 54, 4413.
449. Shende Jiang and Gurdial Singh, Chemical synthesis of shikimic acid and its analogues. *Tetrahedron* **1998**, 54, 4697.
450. S. Shapiro and E. Caspi, The steric course of enzymic hydroxylation at primary carbon atoms. *Tetrahedron* **1998**, 54, 5005.
451. Hideo Nemoto and Keiichiro Fukumoto, Second generation of steroid synthesis via o-quinodimethane. *Tetrahedron* **1998**, 54, 5425.
452. D. H. R. Barton, Gif chemistry: the present situation. *Tetrahedron* **1998**, 54, 5805.
453. Emmanuel Magnier and Yves Langlois, Manzamine alkaloids, syntheses and synthetic approaches. *Tetrahedron* **1998**, 54, 6201.
454. Shifeng Pan, Nduka M. Amankulor and Kang Zhao, Syntheses of isoxazolonyl and isoxazolidonyl nucleoside analogues. *Tetrahedron* **1998**, 54, 6587.
455. Stephen A. Glover, Anomeric amides—structure, properties and reactivity. *Tetrahedron* **1998**, 54, 7229.
456. Georg Fráter, Jerzy A. Bajgrowicz and Philip Kraft, Fragrance chemistry. *Tetrahedron* **1998**, 54, 7633.
457. Michael P. Doyle and Marina N. Protopenova, New aspects of catalytic asymmetric cyclopropanation. *Tetrahedron* **1998**, 54, 7919.
458. Leslie Crombie, Xanthrones, glaucyrones, and chelated magnesium enolates. *Tetrahedron* **1998**, 54, 8243.
459. Paul Knochel, Juan J. Almerna Perea and Philip Jones, Organozinc mediated reactions. *Tetrahedron* **1998**, 54, 8275.
460. Hak-Fun Chow, Tony K.-K. Mong, Matthew F. Nongrum and Chi-Wai Wan, The synthesis and properties of novel functional dendritic molecules. *Tetrahedron* **1998**, 54, 8543.
461. Michael T. Crimmins, New developments in the enantioselective synthesis of cyclopentyl carbocyclic nucleosides. *Tetrahedron* **1998**, 54, 9229.
462. Yuguo Du, Robert J. Lindhardt and Iontcho R. Vlahov, Recent advances in stereoselective C-glycoside synthesis. *Tetrahedron* **1998**, 54, 9913.
463. Donald S. Matteson, α -Halo boronic esters in asymmetric synthesis. *Tetrahedron* **1998**, 54, 10555.
464. Viktor V. Zhdankin and Peter J. Stang, Alkynyliodonium salts in organic synthesis. *Tetrahedron* **1998**, 54, 10927.
465. Carol M. Taylor, Glycopeptides and glycoproteins: focus on the glycosidic linkage. *Tetrahedron* **1998**, 54, 11317.
466. Abimael D. Rodríguez, Edivigis González and Catherine Ramírez, The structural chemistry, reactivity, and total synthesis of dola-bellane diterpenes. *Tetrahedron* **1998**, 54, 11683.
467. Pawel Jankowski, Stanisław Marczak and Jerzy Wicha, Methods for the construction of transhydrindane rings and their origins

- in steroid chemistry. Vitamin D total synthesis. *Tetrahedron* **1998**, *54*, 12071.
468. John O. Hoberg, Synthesis of seven-membered oxacycles. *Tetrahedron* **1998**, *54*, 12631.
469. Esther K. van den Beuken and Ben L. Feringa, Bimetallic catalysis by late transition metal complexes. *Tetrahedron* **1998**, *54*, 12985.
470. Goverdhan Mehta and H. Surya Prakash Rao, Synthetic studies directed towards bucky-balls and bucky-bowls. *Tetrahedron* **1998**, *54*, 13325.
471. Sylvie Robin and Gérard Rousseau, Electrophilic cyclization of unsaturated amides. *Tetrahedron* **1998**, *54*, 13681.
472. Katsuhiko Iseki, Catalytic asymmetric synthesis of chiral fluoroorganic compounds. *Tetrahedron* **1998**, *54*, 13887.
473. Sadiq A. Saleh and Hasan I. Tashtoush, De-tertbutylation of substituted arenes. *Tetrahedron* **1998**, *54*, 14157.
474. Bogdan Iorga, Frédéric Eymery, Virginie Mouriès and Philippe Savignac, Phosphorylated aldehydes: preparations and synthetic uses. *Tetrahedron* **1998**, *54*, 14637.
475. Antonino Corsaro and Venerando Pistarà, Conversion of the thiocarbonyl group into the carbonyl group. *Tetrahedron* **1998**, *54*, 15027.
476. Susan Booth, Pedro H. H. Hermkens, Harry C. J. Ottenheijm and David C. Rees, Solid-phase organic reactions. Part 3: A review of the literature November 1996–December 1997. *Tetrahedron* **1998**, *54*, 15385.
477. Thomas Wirth, Chiral selenium compounds in organic synthesis. *Tetrahedron* **1999**, *55*, 1.
478. Varinder K. Aggarwal, Amjad Ali and Michael P. Coogan, The development and use of ketene equivalents in [4+2] cycloadditions for organic synthesis. *Tetrahedron* **1999**, *55*, 293.
479. Susan E. Gibson, Nathalie Guillo and Matthew J. Tozer, Towards control of χ -space: conformationally constrained analogues of Phe, Tyr, Trp and His. *Tetrahedron* **1999**, *55*, 585.
480. Heiko Ihmels and John R. Scheffer, The Norrish type II reaction in the crystalline state: toward a better understanding of the geometric requirements for γ -hydrogen atom abstraction. *Tetrahedron* **1999**, *55*, 885.
481. Bertrand Carboni and Laurence Monnier, Recent developments in the chemistry of amine- and phosphine-boranes. *Tetrahedron* **1999**, *55*, 1197.
482. Robert S. Atkinson, 3-Acetoxyaminoquinazolinones (QNHOAc) as aziridinating agents: ring-opening of N-(Q)-substituted aziridines. *Tetrahedron* **1999**, *55*, 1519.
483. Helen M. I. Osborn and Tariq H. Khan, Recent developments in polymer supported syntheses of oligosaccharides and glycopeptides. *Tetrahedron* **1999**, *55*, 1807.
484. Adriaan J. Minnaard, Joannes B. P. A. Wijnberg and Aede de Groot, The synthesis of germacrane sesquiterpenes and related compounds. *Tetrahedron* **1999**, *55*, 2115.
485. Marie-Christine Maurel and Jean-Luc Décout, Origins of life: molecular foundations and new approaches. *Tetrahedron* **1999**, *55*, 3141.
486. Hsing-Jang Liu, Kak-Shan Shia, Xiao Shang and Bing-Yan Zhu, Organocerium compounds in synthesis. *Tetrahedron* **1999**, *55*, 3803.
487. R. Karl Dieter, Reaction of acyl chlorides with organometallic reagents: a banquet table of metals for ketone synthesis. *Tetrahedron* **1999**, *55*, 4177.
488. James H. Rigby, Chromium(0)-promoted higher-order cycloaddition reactions in organic synthesis. *Tetrahedron* **1999**, *55*, 4521.
489. Ian W. James, Linkers for solid phase organic synthesis. *Tetrahedron* **1999**, *55*, 4855.
490. Gloria A. Breault, Christopher A. Hunter and Paul C. Mayers, Supramolecular topology. *Tetrahedron* **1999**, *55*, 5265.
491. Masahiro Toyota and Masataka Ihara, Total synthesis of aphidicolane and stemodane diterpenes. *Tetrahedron* **1999**, *55*, 5641.
492. Hong Woon Yang and Daniel Romo, Methods for the synthesis of optically active β -lactones (2-oxetanones). *Tetrahedron* **1999**, *55*, 6403.
493. Srinivasachari Rajappa, Nitroenamines: an update. *Tetrahedron* **1999**, *55*, 7065.
494. Margaret A. Brimble and Farès A. Farès, Synthesis of bis-spiroacetal ring systems. *Tetrahedron* **1999**, *55*, 7661.
495. Ayman W. Erian and Sherif M. Sherif, The chemistry of thiocyanic esters. *Tetrahedron* **1999**, *55*, 7957.
496. Alan R. Katritzky, Jianqing Li and Linghong Xie, [3+3] Benzannulations of benzenoid- and heteroaromatic-ring systems. *Tetrahedron* **1999**, *55*, 8263.
497. Mousumi Sannigrahi, Sterecontrolled synthesis of spirocyclics. *Tetrahedron* **1999**, *55*, 9007.
498. Larry Yet, Free radicals in the synthesis of medium-sized rings. *Tetrahedron* **1999**, *55*, 9349.
499. Tom Livinghouse, C-Arylnitrium ion initiated cyclizations in heterocycle synthesis. *Tetrahedron* **1999**, *55*, 9947.
500. Carmen Nájera and Miguel Yus, Desulfonylation reactions: recent developments. *Tetrahedron* **1999**, *55*, 10547.
501. Sandrine Deshayes, Marion Liagre, André Loupy, Jean-Louis Luche and Alain Petit, Microwave activation in phase transfer catalysis. *Tetrahedron* **1999**, *55*, 10851.
502. Chao-Jun Li and Tak-Hang Chan, Organic syntheses using indium-mediated and catalyzed reactions in aqueous media. *Tetrahedron* **1999**, *55*, 11149.
503. Andrew J. Belfield, George R. Brown and Alan J. Foubister, Recent synthetic advances in the nucleophilic amination of benzenes. *Tetrahedron* **1999**, *55*, 11399.
504. Martin J. I. Andrews and Alethea B. Tabor, Forming stable helical peptides using natural and artificial amino acids. *Tetrahedron* **1999**, *55*, 11711.
505. Wei-Shan Zhou, Zhi-Hui Lu, Yi-Ming Xu, Li-Xin Liao and Zhi-Min Wang, Synthesis of optically active α -furfuryl amine derivatives and application to the asymmetric syntheses. *Tetrahedron* **1999**, *55*, 11959.
506. Stephen C. Fields, Synthesis of natural products containing a C-P bond. *Tetrahedron* **1999**, *55*, 12237.
507. Scott D. Taylor, Christopher C. Kotoris and Gabriel Hum, Recent advances in electrophilic fluorination. *Tetrahedron* **1999**, *55*, 12431.
508. Stephanie E. Sen, Sarah M. Smith and Katherine A. Sullivan, Organic transformations using zeolites and zeotype materials. *Tetrahedron* **1999**, *55*, 12657.
509. Frédéric Eymery, Bogdan Iorga and Philippe Savignac, Synthesis of phosphonates by nucleophilic substitution at phosphorus: the $S_N(PV)$ reaction. *Tetrahedron* **1999**, *55*, 13109.
510. Pierre Vogel, Janine Cossy, Joaquín Plumet and Odón Arjona, Derivatives of 7-oxabicyclo[2.2.1]heptane in nature and as useful synthetic intermediates. *Tetrahedron* **1999**, *55*, 13521.
511. Melissa A. Varner and Robert B. Grossman, Annulation routes to trans-decalins. *Tetrahedron* **1999**, *55*, 13867.
512. Robert G. Franzén, Utilization of Grignard reagents in solid-phase synthesis: a review of the literature. *Tetrahedron* **2000**, *56*, 685.
513. Ioannis N. Houpis and Jaemoon Lee, Nickel catalyzed reactions of nucleophiles with unactivated and partially activated olefins and acetylenes. *Tetrahedron* **2000**, *56*, 817.
514. Prabhat Arya and Huiping Qin, Advances in asymmetric enolate methodology. *Tetrahedron* **2000**, *56*, 917.
515. Sakhitharan Shanmugathan, Christine Edwards and Ross W. Boyle, Advances in modern synthetic porphyrin chemistry. *Tetrahedron* **2000**, *56*, 1025.
516. Stephen K. Taylor, Reactions of epoxides with ester, ketone and amide enolates. *Tetrahedron* **2000**, *56*, 1149.
517. James W. Herndon, The use of Fischer carbene complexes for the preparation of five-membered carbocyclic rings. *Tetrahedron* **2000**, *56*, 1257.

518. Goverdhan Mehta and R. V. Venkateswaran, Haller–Bauer reaction revisited: synthetic applications of a versatile C–C bond scission reaction. *Tetrahedron* **2000**, 56, 1399.
519. Manolis Stratakis and Michael Orfanopoulos, Regioselectivity in the ene reaction of singlet oxygen with alkenes. *Tetrahedron* **2000**, 56, 1595.
520. T. M. Krygowski, M. K. Cyrański, Z. Czarnocki, G. Häfeli and Alan R. Katritzky, Aromaticity: a theoretical concept of immense practical importance. *Tetrahedron* **2000**, 56, 1783.
521. Margaret A. Brimble, Michael R. Nairn and Hishani Prabakaran, Synthetic strategies towards pyranonaphthoquinone antibiotics. *Tetrahedron* **2000**, 56, 1937.
522. George Theodoridis, Nitrogen protecting groups: recent developments and new applications. *Tetrahedron* **2000**, 56, 2339.
523. Stephen C. Bergmeier, The synthesis of vicinal amino alcohols. *Tetrahedron* **2000**, 56, 2561.
524. Fritz Theil, Enhancement of selectivity and reactivity of lipases by additives. *Tetrahedron* **2000**, 56, 2905.
525. Ivan L. Baraznenok, Valentine G. Nenajdenko and Elizabeth S. Balenkova, Chemical transformations induced by triflic anhydride. *Tetrahedron* **2000**, 56, 3077.
526. Kay M. Brummond and Joseph L. Kent, Recent advances in the Pauson–Khand reaction and related [2+2+1] cycloadditions. *Tetrahedron* **2000**, 56, 3263.
527. Don M. Coltart, Peptide segment coupling by prior ligation and proximity-induced intramolecular acyl transfer. *Tetrahedron* **2000**, 56, 3449.
528. Peter Lin and Jinlong Jiang, Synthesis of monotrifluoromethyl-substituted saturated cycles. *Tetrahedron* **2000**, 56, 3635.
529. W. Nico Speckamp and Marinus J. Moolenaar, New developments in the chemistry of N-acyliminium ions and related intermediates. *Tetrahedron* **2000**, 56, 3817.
530. Eric J. Kantorowski and Mark J. Kurth, Expansion to seven-membered rings. *Tetrahedron* **2000**, 56, 4317.
531. José Barluenga and Francisco J. Fañanás, Metalloxy Fischer carben complexes: an efficient strategy to modulate their reactivity. *Tetrahedron* **2000**, 56, 4597.
532. J. Scott Sawyer, Recent advances in diaryl ether synthesis. *Tetrahedron* **2000**, 56, 5045.
533. Mohammad Behforouz and Mohammad Ahmadian, Diels–Alder reactions of 1-azadienes. *Tetrahedron* **2000**, 56, 5259.
534. Mar Gómez-Gallego, María J. Mancheno and Miguel A. Sierra, Non-classical polycyclic β -lactams. *Tetrahedron* **2000**, 56, 5743.
535. Giovanni Poli, Giuliano Giambastiani and Andreas Heumann, Palladium in organic synthesis: fundamental transformations and domino processes. *Tetrahedron* **2000**, 56, 5959.
536. Lee Fielding, Determination of association constants (K_a) from solution NMR data. *Tetrahedron* **2000**, 56, 6151.
537. Xavier L. M. Despinoy and Hamish McNab, The synthesis of 1,(7)-substituted pyrrolizidin-3-ones. *Tetrahedron* **2000**, 56, 6359.
538. Hoe-Sup Byun, Linli He and Robert Bittman, Cyclic sulfites and cyclic sulfates in organic synthesis. *Tetrahedron* **2000**, 56, 7051.
539. Andrew Pelter, Ram T. Pardasani and Pushpa Pardasani, The photochemistry of boron compounds. *Tetrahedron* **2000**, 56, 7339.
540. Rajendra P. Singh and Jean'ne M. Shreeve, Nucleophilic trifluoromethylation reactions of organic compounds with (trifluoromethyl)trimethylsilane. *Tetrahedron* **2000**, 56, 7613.
541. Joe A. Crayston, John N. Devine and John C. Walton, Conceptual and synthetic strategies for the preparation of organic magnets. *Tetrahedron* **2000**, 56, 7829.
542. Mukund P. Sibi and Shankar Manyem, Enantioselective conjugate additions. *Tetrahedron* **2000**, 56, 8033.
543. Jay P. Parrish, Ralph N. Salvatore and Kyung Woon Jung, Perspectives on alkyl carbonates in organic synthesis. *Tetrahedron* **2000**, 56, 8207.
544. Cecilia H. Marzabadi and Richard W. Franck, The synthesis of 2-deoxyglycosides: 1988–1999. *Tetrahedron* **2000**, 56, 8385.
545. Ahmed El Nemr, Synthetic methods for the stereoisomers of swainsonine and its analogues. *Tetrahedron* **2000**, 56, 8579.
546. Charles M. Marson, Oxygen-directed carbocyclizations of epoxides. *Tetrahedron* **2000**, 56, 8779.
547. Edward L. Clennan, New mechanistic and synthetic aspects of singlet oxygen chemistry. *Tetrahedron* **2000**, 56, 9151.
548. Kevin D. Moeller, Synthetic applications of anodic electrochemistry. *Tetrahedron* **2000**, 56, 9527.
549. Michael D. Groaning and A. I. Meyers, Chiral nonracemic bicyclic lactams. Auxiliary-based asymmetric reactions. *Tetrahedron* **2000**, 56, 9843.
550. Jie Jack Li, Free radical chemistry of three-membered heterocycles. *Tetrahedron* **2001**, 57, 1.
551. Craig M. Williams and Lewis N. Mander, Chromatography with silver nitrate. *Tetrahedron* **2001**, 57, 425.
552. Goverdhan Mehta and Sambasivarao Kotha, Recent chemistry of benzocyclobutenes. *Tetrahedron* **2001**, 57, 625.
553. Frederick A. Luzzio, The Henry reaction: recent examples. *Tetrahedron* **2001**, 57, 915.
554. Eric A. Archer, Hegui Gong and Michael J. Krische, Hydrogen bonding in noncovalent synthesis: selectivity and the directed organization of molecular strands. *Tetrahedron* **2001**, 57, 1139.
555. Nicola Petragani, Hélio A. Stefani and Claudéte J. Valduga, Recent advances in selenocyclofunctionalization reactions. *Tetrahedron* **2001**, 57, 1411.
556. Jerzy Suwiński and Krzysztof Świerczek, cine- and tele-Substitution reactions. *Tetrahedron* **2001**, 57, 1639.
557. Gareth J. Rowlands, Ambifunctional cooperative catalysts. *Tetrahedron* **2001**, 57, 1865.
558. William H. Moser, The Brook rearrangement in tandem bond formation strategies. *Tetrahedron* **2001**, 57, 2065.
559. Oliver Seitz, Ines Heinemann, Amos Mattes and Herbert Waldmann, Synthetic peptide conjugates—tailor-made probes for the biology of protein modification and protein processing. *Tetrahedron* **2001**, 57, 2247.
560. Drury Caine, Reactions of conjugated haloenoates with nucleophilic reagents. *Tetrahedron* **2001**, 57, 2643.
561. Koichi Mikami, Masaki Shimizu, Han-Cheng Zhang and Bruce E. Maryanoff, Acyclic stereocontrol between remote atom centers via intramolecular and intermolecular stereo-communication. *Tetrahedron* **2001**, 57, 2917.
562. Scott K. Bur and Stephen F. Martin, Vinylogous Mannich reactions: selectivity and synthetic utility. *Tetrahedron* **2001**, 57, 3221.
563. Mary McCarthy and Patrick J. Guiry, Axially chiral bidentate ligands in asymmetric catalysis. *Tetrahedron* **2001**, 57, 3809.
564. Florence Mongin and Guy Quéguiner, Advances in the directed metallation of azines and diazines (pyridines, pyrimidines, pyrazines, pyridazines, quinolines, benzodiazines and carbolines). Part 1: Metallation of pyridines, quinolines and carbolines. *Tetrahedron* **2001**, 57, 4059.
565. Eric Marsault, Andrés Toró, Pawel Nowak and Pierre Deslongchamps, The transannular Diels–Alder strategy: applications to total synthesis. *Tetrahedron* **2001**, 57, 4243.
566. Timothy J. Hodgkinson and Michael Shipman, Chemical synthesis and mode of action of the azinomycins. *Tetrahedron* **2001**, 57, 4467.
567. Alain Turck, Nelly Plé, Florence Mongin and Guy Quéguiner, Advances in the directed metallation of azines and diazines (pyridines, pyrimidines, pyrazines, pyridazines, quinolines, benzodiazines and carbolines). Part 2: Metallation of pyrimidines, pyrazines, pyridazines and benzodiazines. *Tetrahedron* **2001**, 57, 4489.

568. Bruce Clapham, Thomas S. Reager and Kim D. Janda, Polymer-supported catalysis in synthetic organic chemistry. *Tetrahedron* **2001**, 57, 4637.
569. W. B. Motherwell, M. J. Bingham and Y. Six, Recent progress in the design and synthesis of artificial enzymes. *Tetrahedron* **2001**, 57, 4663.
570. So Ha Lee and Chan Seong Cheong, Selective reactions of reactive amino groups in polyamino compounds by metal-chelated or -mediated methods. *Tetrahedron* **2001**, 57, 4801.
571. Thomas G. Back, The chemistry of acetylenic and allenic sulfones. *Tetrahedron* **2001**, 57, 5263.
572. Gregory K. Friestad, Addition of carbon-centred radicals to imines and related compounds. *Tetrahedron* **2001**, 57, 5461.
573. Gregory I. Elliott and Joseph P. Konopelski, Arylation with organo-lead and organobismuth reagents. *Tetrahedron* **2001**, 57, 5683.
574. Alex G. Fallis and Pat Forgone, Metal mediated carbometallation of alkynes and alkenes containing adjacent heteroatoms. *Tetrahedron* **2001**, 57, 5899.
575. Paul Buonora, John-Carl Olsen and Taeboem Oh, Recent developments in imino Diels–Alder reactions. *Tetrahedron* **2001**, 57, 6099.
576. Mark C. Elliott, Elbertus Kruiswijk and Matthew S. Long, Annulation reactions of azoles and azolines with heterocumulenes. *Tetrahedron* **2001**, 57, 6651.
577. P. L. Fuchs, Increase in intricacy—a tool for evaluating organic syntheses. *Tetrahedron* **2001**, 57, 6855.
578. Jari Yli-Kauhaluoma, Diels–Alder reactions on solid supports. *Tetrahedron* **2001**, 57, 7053.
579. Lucija Peterlin-Mašič and Danijel Kikelj, Arginine mimetics. *Tetrahedron* **2001**, 57, 7073.
580. Wei Zhang, Intramolecular free radical conjugate additions. *Tetrahedron* **2001**, 57, 7237.
581. Andrew J. Souers and Jonathan A. Ellman, β -Turn mimetic library synthesis: scaffolds and applications. *Tetrahedron* **2001**, 57, 7431.
582. Nicole J. Whitcombe, King Kuok (Mimi) Hii and Susan E. Gibson, Advances in the Heck chemistry of aryl bromides and chlorides. *Tetrahedron* **2001**, 57, 7449.
583. Craig A. Zifcick, Jason A. Mulder, Richard P. Hsung, C. Rameshkumar and Lin-Li Wei, Recent advances in the chemistry of ynamines and ynamides. *Tetrahedron* **2001**, 57, 7575.
584. Ralph N. Salvatore, Cheol Hwan Yoon and Kyung Woon Jung, Synthesis of secondary amines. *Tetrahedron* **2001**, 57, 7785.
585. Graham B. Jones, π Shielding in organic synthesis. *Tetrahedron* **2001**, 57, 7999.
586. Philip L. Smith, Mahendra D. Chordia and W. Dean Harman, Synthetic applications of the dearomatization agent pentaammineosmium(II). *Tetrahedron* **2001**, 57, 8203.
587. William A. Donaldson, Synthesis of cyclopropane containing natural products. *Tetrahedron* **2001**, 57, 8589.
588. Laurence Perreux and André Loupy, A tentative rationalization of microwave effects in organic synthesis according to the reaction medium, and mechanistic considerations. *Tetrahedron* **2001**, 57, 9199.
589. Pelle Lidström, Jason Tierney, Bernard Wathey and Jacob Westman, Microwave assisted organic synthesis—a review. *Tetrahedron* **2001**, 57, 9225.
590. Adam M. Burja, Bernard Banaigs, Eliane Abou- Mansour, J. Grant Burgess and Phillip C. Wright, Marine cyanobacteria—a prolific source of natural products. *Tetrahedron* **2001**, 57, 9347.
591. Raymond Bonnett and Gabriel Martínez, Photobleaching of sensitizers used in photodynamic therapy. *Tetrahedron* **2001**, 57, 9513.
592. Armido Studer and Martin Bossart, Radical aryl migration reactions. *Tetrahedron* **2001**, 57, 9649.
593. Jeffrey B. Arterburn, Selective oxidation of secondary alcohols. *Tetrahedron* **2001**, 57, 9765.
594. Fraser F. Fleming and Brian C. Shook, Nitrile anion cyclizations. *Tetrahedron* **2002**, 58, 1.
595. S. Jayakumar, M. P. S. Ishar and Mohinder P. Mahajan, Recent advances in synthetic applications of azadienes. *Tetrahedron* **2002**, 58, 379.
596. Merritt B. Andrus and Jason C. Lashley, Copper catalyzed allylic oxidation with peresters. *Tetrahedron* **2002**, 58, 845.
597. Simon Woodward, HSAB matching and mismatching in selective catalysis and synthesis. *Tetrahedron* **2002**, 58, 1017.
598. Rajender S. Varma, Clay and clay-supported reagents in organic synthesis. *Tetrahedron* **2002**, 58, 1235.
599. James R. Vyvyan, Allelochemicals as leads for new herbicides and agrochemicals. *Tetrahedron* **2002**, 58, 1631.
600. Damien Prim, Jean-Marc Campagne, Delphine Joseph and Bruno Andrioletti, Palladium-catalysed reactions of aryl halides with soft, non-organometallic nucleophiles. *Tetrahedron* **2002**, 58, 2041.
601. Andreas Job, Carsten F. Janecek, Wolfgang Bettray, René Peters and Dieter Enders, The SAMP-/RAMP- hydrazone methodology in asymmetric synthesis. *Tetrahedron* **2002**, 58, 2253.
602. Elizabeth R. Jarvo and Scott J. Miller, Amino acids and peptides as asymmetric organo catalysts. *Tetrahedron* **2002**, 58, 2481.
603. Claude Agami and François Couty, The reactivity of the N-Boc protecting group: an underrated feature. *Tetrahedron* **2002**, 58, 2701.
604. Yonghai Chai, Sang-phyo Hong, Harriet A. Lindsay, Chris McFarland and Matthias C. McIntosh, New aspects of the Ireland and related Claisen rearrangements. *Tetrahedron* **2002**, 58, 2905.
605. John A. Bender, Nicholas A. Meanwell and Tao Wang, The mono-functionalization of symmetrical polyamines. *Tetrahedron* **2002**, 58, 3111.
606. Christopher J. Dinsmore and Douglas C. Beshore, Recent advances in the synthesis of diketopiperazines. *Tetrahedron* **2002**, 58, 3297.
607. Barry J. Teobald, The Nicholas reaction: the use of dicobalt hexa-carbonyl-stabilised propargylic cations in synthesis. *Tetrahedron* **2002**, 58, 4133.
608. Marcus A. Tius, Synthesis of the cryptophycins. *Tetrahedron* **2002**, 58, 4343.
609. Paul D. I. Fletcher, Stephen J. Haswell, Esteban Pombo-Villar, Brian H. Warrington, Paul Watts, Stephanie Y. F. Wong and Xunli Zhang, Micro reactors: principles and applications in organic synthesis. *Tetrahedron* **2002**, 58, 4735.
610. Carlo Bonini and Giuliana Righi, A critical outlook and comparison of enantioselective oxidation methodologies of olefins. *Tetrahedron* **2002**, 58, 4981.
611. Gérard Jenner, Comparative activation modes in organic synthesis. The specific role of high pressure. *Tetrahedron* **2002**, 58, 5185.
612. Ryan W. Van De Water and Thomas R. R. Pettus, o-Quinone methides: intermediates underdeveloped and underutilized in organic synthesis. *Tetrahedron* **2002**, 58, 5367.
613. Benjamin List, Proline-catalyzed asymmetric reactions. *Tetrahedron* **2002**, 58, 5573.
614. Roderick W. Bates and Kanicha Sa-Ei, Syntheses of the sedum and related alkaloids. *Tetrahedron* **2002**, 58, 5957.
615. W. S. Hamama and H. H. Zoorob, Chemistry of bicyclic pyridines containing a ring-junction nitrogen. *Tetrahedron* **2002**, 58, 6143.
616. Akbar Heydari, Organic synthesis in an unconventional solvent, 5.0 M lithium perchlorate/diethyl ether. *Tetrahedron* **2002**, 58, 6777.
617. Mei Liu and Mukund P. Sibi, Recent advances in the stereoselective synthesis of β -amino acids. *Tetrahedron* **2002**, 58, 7991.
618. Nicholas M. Leonard, Laura C. Wieland and Ram S. Mohan, Applications of bismuth(III) compounds in organic synthesis. *Tetrahedron* **2002**, 58, 8373.

619. Kyung-Ho Park and Mark J. Kurth, Cyclic amino acid derivatives. *Tetrahedron* **2002**, 58, 8629.
620. Luiz F. Silva Jr., Construction of cyclopentyl units by ring contraction reactions. *Tetrahedron* **2002**, 58, 9137.
621. Benjamin E. Blass, KF/Al₂O₃ Mediated organic synthesis. *Tetrahedron* **2002**, 58, 9301.
622. Alan Armstrong and Toby J. Blench, Recent synthetic studies on the zarogozic acids (squalestatins). *Tetrahedron* **2002**, 58, 9321.
623. Ilan Marek, Sp³ organozinc carbenoid homologation in organic synthesis. *Tetrahedron* **2002**, 58, 9463.
624. Goverdhan Mehta and Sengodagounder Muthusamy, Tandem cyclization–cycloaddition reactions of rhodium generated carbenoids from α -diazo carbonyl compounds. *Tetrahedron* **2002**, 58, 9477.
625. Sambasivarao Kotha, Kakali Lahiri and Dhurke Kashinath, Recent applications of the Suzuki–Miyaura cross-coupling reaction in organic synthesis. *Tetrahedron* **2002**, 58, 9633.
626. Charles B. de Koning, Amanda L. Rousseau and Willem A. L. van Otterlo, Modern methods for the synthesis of substituted naphthalenes. *Tetrahedron* **2003**, 59, 7.
627. Graham Sandford, Perfluoroalkanes. *Tetrahedron* **2003**, 59, 437.
628. Valery M. Dembitsky and Morris Srebnik, Synthesis and biological activity of α -aminoboronic acids, amine-carboxyboranes and their derivatives. *Tetrahedron* **2003**, 59, 579.
629. H el ene Pellissier and Maurice Santelli, The use of arynes in organic synthesis. *Tetrahedron* **2003**, 59, 701.
630. Stefan Br ase Jan. H. Kirchhoff and Johannes K obberling, Palladium-catalysed reactions in solid phase organic synthesis. *Tetrahedron* **2003**, 59, 885.
631. Lewis N. Mander and Craig M. Williams, Oxidative degradation of benzene rings. *Tetrahedron* **2003**, 59, 1105.
632. Farhat Rezugui, Hassen Amri and Mohamed Moncef El Gaied, Synthetic methods for α -substituted cyclic α,β -enones. *Tetrahedron* **2003**, 59, 1369.
633. John T. Singleton, The uses of pincer complexes in organic synthesis. *Tetrahedron* **2003**, 59, 1837.
634. Cameron Alexander, Louise Davidson and Wayne Hayes, Imprinted polymers: artificial molecular recognition materials with applications in synthesis and catalysis. *Tetrahedron* **2003**, 59, 2025.
635. Michael Harmata and Paitoon Rashatasakhon, Cycloaddition reactions of vinyl oxocarbenium ions. *Tetrahedron* **2003**, 59, 2371.
636. Rosa E. Mel endez and William D. Lubell, Synthesis and reactivity of cyclic sulfamidites and sulfamidates. *Tetrahedron* **2003**, 59, 2581.
637. Amal Al-Azmi, Abdel-Zaher A. Elassar and Brian L. Booth, The chemistry of diaminomaleonitrile and its utility in heterocyclic synthesis. *Tetrahedron* **2003**, 59, 2749.
638. Philip M. Weintraub, Jeffrey S. Sabol, John M. Kane and David R. Borcherding, Recent advances in the synthesis of piperidones and piperidines. *Tetrahedron* **2003**, 59, 2953.
639. Robert K. Orr and Michael A. Calter, Asymmetric synthesis using ketenes. *Tetrahedron* **2003**, 59, 3545.
640. Wei Zhang, Fluorous technologies for solution-phase high-throughput organic synthesis. *Tetrahedron* **2003**, 59, 4475.
641. Valery M. Dembitsky, Oxidation, epoxidation and sulfoxidation reactions catalysed by haloperoxidases. *Tetrahedron* **2003**, 59, 4701.
642. Pasi Virta, Johanna Katajisto, Teija Niittym aki and Harri L onnberg, Solid-supported synthesis of oligomeric bioconjugates. *Tetrahedron* **2003**, 59, 5137.
643. Jan Tois, Robert Franz en and Ari Koskinen, Synthetic approaches towards indoles on solid phase recent advances and future directions. *Tetrahedron* **2003**, 59, 5395.
644. Richard E. Taylor, F. Conrad Engelhardt and M. J. Schmitt, Biosynthetic inspirations: cationic approaches to cyclopropane formation. *Tetrahedron* **2003**, 59, 5623.
645. Jacques Muzart, Palladium-catalysed oxidation of primary and secondary alcohols. *Tetrahedron* **2003**, 59, 5789.
646. Oleg I. Kolodiazhnyi, Multiple stereoselectivity and its application in organic synthesis. *Tetrahedron* **2003**, 59, 5953.
647. Miguel Yus, Carmen N ajera and Francisco Foubelo, The role of 1,3-dithianes in natural product synthesis. *Tetrahedron* **2003**, 59, 6147.
648. Timothy D. H. Bugg, Dioxygenase enzymes: catalytic mechanisms and chemical models. *Tetrahedron* **2003**, 59, 7075.
649. Krishna C. Majumdar, Subhojit Ghosh and Manish Ghosh, The thio-Claisen rearrangement 1980–2001. *Tetrahedron* **2003**, 59, 7251.
650. Abdel-Sattar S. Hamad Elgazwy, The chemistry of isothiazoles. *Tetrahedron* **2003**, 59, 7445.
651. G. S. Singh, Recent progress in the synthesis and chemistry of azetidiones. *Tetrahedron* **2003**, 59, 7631.
652. John G. Verkade and Philip B. Kisanga, Proazaphosphatranes: a synthesis methodology trip from their discovery to vitamin A. *Tetrahedron* **2003**, 59, 7819.
653. Zivorad  ekovi c, Reactions of δ -carbon radicals generated by 1,5-hydrogen transfer to alkoxyl radicals. *Tetrahedron* **2003**, 59, 8073.
654. H el ene Pellissier, Dynamic kinetic resolution. *Tetrahedron* **2003**, 59, 8291.
655. Abdel-Zaher A. Elassar and Adel A. El-Khair, Recent developments in the chemistry of enamines. *Tetrahedron* **2003**, 59, 8463.
656. Wu Du, Towards new anticancer drugs: a decade of advances in synthesis of camptothecins and related alkaloids. *Tetrahedron* **2003**, 59, 8649.
657. J. C. C. Atherton and S. Jones, Diels–Alder reactions of anthracene, 9-substituted anthracenes and 9,10-disubstituted anthracenes. *Tetrahedron* **2003**, 59, 9039.
658. Carmen N ajera, Jos e M. Sansano and Miguel Yus, Recent synthetic uses of functionalised aromatic and heteroaromatic organolithium reagents prepared by nondeprotonating methods. *Tetrahedron* **2003**, 59, 9255.
659. Giorgio Chelucci, Gianmauro Orr u and Gerard A. Pinna, Chiral P,N-ligands with pyridine-nitrogen and phosphorus donor atoms. Syntheses and applications in asymmetric catalysis. *Tetrahedron* **2003**, 59, 9471.
660. Lin Pu, Asymmetric alkynylzinc additions to aldehydes and ketones. *Tetrahedron* **2003**, 59, 9873.
661. Irina Denissova and Louis Barriault, Stereoselective formation of quaternary carbon centers and related functions. *Tetrahedron* **2003**, 59, 10105.
662. Henri B. Kagan, Twenty-five years of organic chemistry with diiodosamarium: an overview. *Tetrahedron* **2003**, 59, 10351.
663. Neil F. Badham, Homologation of ketones into carboxylic acids. *Tetrahedron* **2004**, 60, 11.
664. Nicholas J. Cooper and David W. Knight, The reverse Cope cyclisation: a classical reaction goes backwards. *Tetrahedron* **2004**, 60, 243.
665. Fred van Rantwijk and Roger A. Sheldon, Enantioselective acylation of chiral amines catalysed by serine hydrolases. *Tetrahedron* **2004**, 60, 501.
666. Dipak Prajapati and Mukut Gohain, Recent advances in the application of supercritical fluids for carbon–carbon bond formation in organic synthesis. *Tetrahedron* **2004**, 60, 815.
667. Roberto Ballini and Marino Petrini, Recent synthetic developments in the nitro to carbonyl conversion (Nef reaction). *Tetrahedron* **2004**, 60, 1017.

668. Peter Wipf and Ruth L. Nunes, Selective carbon–carbon bond formations with alkenylzirconocenes. *Tetrahedron* **2004**, *60*, 1269.
669. Kamal M. Dawood, Electrolytic fluorination of organic compounds. *Tetrahedron* **2004**, *60*, 1435.
670. Maxime G. P. Buffat, Synthesis of piperidines. *Tetrahedron* **2004**, *60*, 1701.
671. Vijay Nair, Sindu Ros, C. N. Jayan and Bindu S. Pillai, Indium- and gallium-mediated carbon–carbon bondforming reactions in organic synthesis. *Tetrahedron* **2004**, *60*, 1959.
672. So-Yeop Han and Young-Ah Kim, Recent development of peptide coupling reagents in organic synthesis. *Tetrahedron* **2004**, *60*, 2447.
673. X. Eric Hu, Nucleophilic ring opening of aziridines. *Tetrahedron* **2004**, *60*, 2701.
674. Bi-Zeng Zhan and Alison Thompson, Recent developments in the aerobic oxidation of alcohols. *Tetrahedron* **2004**, *60*, 2917.
675. Marina Rubina and Vladimir Gevorgyan, Cyclopropylstannanes: synthesis and applications. *Tetrahedron* **2004**, *60*, 3129.
676. Damien Prim, Bruno Andrioletti, Françoise Rose- Munch, Eric Rose and François Couty, Bimetallic Pd/Cr and Pd/Mn activation of carbon–halide bonds in organochromium and organomanganese complexes. *Tetrahedron* **2004**, *60*, 3325.
677. Gerhard Bringmann, Yanina Reichert and Vinayak V. Kane, The total synthesis of streptonigrin and related antitumor antibiotic natural products. *Tetrahedron* **2004**, *60*, 3539.
678. H  l  ne Pellissier, The glycosylation of steroids. *Tetrahedron* **2004**, *60*, 5123.
679. Subramania Ranganathan, K. M. Muraleedharan, Narendra K. Vaish and Narayanaswamy Jayaraman, Halo- and selenolactonisation: the two major strategies for cyclofunctionalisation. *Tetrahedron* **2004**, *60*, 5273.
680. Svetlana A. Vizer, Kazbek B. Yerzhanov, Abel Al Aziz Al Quntar and Valery M. Dembitsky, Synthesis of heterocycles by carbonylation of acetylenic compounds. *Tetrahedron* **2004**, *60*, 5499.
681. Jian Hong and James D. White, The chemistry and biology of rhizoxins, novel antitumor macrolides from *Rhizopus chinensis*. *Tetrahedron* **2004**, *60*, 5653.
682. R. David Crouch, Selective monodeprotection of bisilyl ethers. *Tetrahedron* **2004**, *60*, 5833.
683. Gavin D. Henry, De novo synthesis of substituted pyridines. *Tetrahedron* **2004**, *60*, 6043.
684. Krishna C. Majumdar, Pradipta K. Basu and Partha P. Mukhopadhyay, Formation of five- and six-membered heterocyclic rings under radical cyclisation conditions. *Tetrahedron* **2004**, *60*, 6239.
685. Stefan Matile, Abhigyan Som and Nathalie Sord  , Recent synthetic ion channels and pores. *Tetrahedron* **2004**, *60*, 6405.
686. Xiao-Long Qiu, Wei-Dong Meng and Feng-Ling Qing, Synthesis of fluorinated amino acids. *Tetrahedron* **2004**, *60*, 6711.
687. Erwin Bunzel and Ik-Hwan Um, The α -effect and its modulation by solvent. *Tetrahedron* **2004**, *60*, 7801.
688. Ping Zhou, Bang-Chi Chen and Franklin A. Davis, Recent advances in asymmetric reactions using sulfinimines (*N*-sulfinyl imines). *Tetrahedron* **2004**, *60*, 8003.
689. Claudio C. Silveira, Antonio L. Braga, Teodoro S. Kaufman and Eder J. Lenard  o, Synthetic approaches to 2-tetralones. *Tetrahedron* **2004**, *60*, 8295.
690. Ender Erdik, Electrophilic α -amination of carbonyl compounds. *Tetrahedron* **2004**, *60*, 8747.
691. Craig A. Zifcsak and Dennis J. Hlasta, Current methods for the synthesis of 2-substituted azoles. *Tetrahedron* **2004**, *60*, 8991.
692. Rogelio Ocampo and William R. Dolbier Jr., The Reformatsky reaction in organic synthesis. Recent advances. *Tetrahedron* **2004**, *60*, 9325.
693. Llorente V. R. Bo  aga and Marie E. Krafft, When the Pauson–Khand and Pauson–Khand type reactions go awry: a plethora of unexpected results. *Tetrahedron* **2004**, *60*, 9795.
694. Fran  ois-Xavier Felpin and Jacques Lebreton, History, chemistry and biology of alkaloids from *Lobelia inflata*. *Tetrahedron* **2004**, *60*, 10127.
695. Andrea B. J. Bracca and Teodoro S. Kaufman, Synthetic approaches to carnegine, a simple tetrahydroisoquinoline alkaloid. *Tetrahedron* **2004**, *60*, 10575.
696. Amy R. Howell, Regina C. So and Stewart K. Richardson, Approaches to the preparation of sphingamines. *Tetrahedron* **2004**, *60*, 11327.
697. Norbert Krause and Anja Hoffmann-R  der, Synthesis of allenes with organometallic reagents. *Tetrahedron* **2004**, *60*, 11671.
698. Vince S. C. Yeh, Recent advances in the total syntheses of oxazole-containing natural products. *Tetrahedron* **2004**, *60*, 11995.
699. Akiharu Satake and Yoshiaki Kobuke, Dynamic supramolecular porphyrin systems. *Tetrahedron* **2005**, *61*, 13.
700. Ming Yu and Brian L. Pagenkopf, Recent advances in donor–acceptor (DA) cyclopropanes. *Tetrahedron* **2005**, *61*, 321.
701. Fraser F. Fleming and Zhiyu Zhang, Cyclic nitriles: tactical advances in synthesis. *Tetrahedron* **2005**, *61*, 747.
702. Nidhi Jain, Anil Kumar, Sushma Chauhan and S. M. S. Chauhan, Chemical and biochemical transformations in ionic liquids. *Tetrahedron* **2005**, *61*, 1015.
703. Helen Song He, Cecilia Wan Ying Chung, Tracy Yuen Sze But and Patrick H. Toy, Arsonium ylides in organic synthesis. *Tetrahedron* **2005**, *61*, 1385.
704. Nicola Petragnani and H  lio A. Stefani, Advances in organic tellurium chemistry. *Tetrahedron* **2005**, *61*, 1613.
705. Piotr Kowalski, Katarzyna Mitka, Katarzyna Ossowska and Zofia Kolarska, Oxidation of sulfides to sulfoxides. Part 1: Oxidation using halogen derivatives. *Tetrahedron* **2005**, *61*, 1933.
706. Sven Schr  ter, Christoph Stock and Thorsten Back, Regioselective cross-coupling reactions of multiple halogenated nitrogen-, oxygen-, and sulfur-containing heterocycles. *Tetrahedron* **2005**, *61*, 2245.
707. Alan R. Katritzky, Kavita Manju, Sandeep K. Singh and Nabin K. Meher, Benzotriazole mediated amino-, amido-, alkoxy- and alkylthio-alkylation. *Tetrahedron* **2005**, *61*, 2555.
708. George N. Doku, Willem Verboom, David N. Reinhoudt and Albert van den Berg, On-microchip multiphase chemistry—a review of microreactor design principles and reagent contacting modes. *Tetrahedron* **2005**, *61*, 2733.
709. H  l  ne Pellissier, Use of *O*-glycosylation in total synthesis. *Tetrahedron* **2005**, *61*, 2947.
710. Rafael Chinchilla, Carmen N  jera and Miguel Yus, Functionalized organolithium compounds in total synthesis. *Tetrahedron* **2005**, *61*, 3139.
711. Christopher Hyland, Cyclisations of allylic substrates via palladium catalysis. *Tetrahedron* **2005**, *61*, 3457.
712. G  rard Jenner, Correlation between pressure and steric interactions in organic reactions. *Tetrahedron* **2005**, *61*, 3621.
713. Abd El-Wareth A. O. Sarhan, Synthesis and applications of tetra-thiafulvalenes and ferrocene-tetra-thiafulvalenes and related compounds. *Tetrahedron* **2005**, *61*, 3889.
714. Jacques Muzart, Palladium-catalysed reactions of alcohols. Part B: Formation of C–C and C–N bonds from unsaturated alcohols. *Tetrahedron* **2005**, *61*, 4179.
715. Vadim D. Romanenko and Valentyn L. Rudzevich, Silicon–mercury derivatives in organic synthesis. *Tetrahedron* **2005**, *61*, 4509.
716. Jiayu Liao, Junhua Tao, Guoqiang Lin and Dingguo Liu, Chemistry and biology of sphingolipids. *Tetrahedron* **2005**, *61*, 4715.
717. Toshifumi Konishi, Atsushi Ikeda and Seiji Shinkai, Supramolecular design of photocurrent-generating devices using

- fullerenes aimed at modelling artificial photosynthesis. *Tetrahedron* **2005**, *61*, 4881.
- 718.** Santiago Vázquez and Pelayo Camps, Chemistry of pyramidalized alkenes. *Tetrahedron* **2005**, *61*, 5147.
- 719.** Hideo Shimizu, Izuru Nagasaki and Takao Saito, Recent advances in biaryl-type bisphosphine ligands. *Tetrahedron* **2005**, *61*, 5405.
- 720.** Jonathan Clayden, Benjamin Read and Katherine R. Hebditch, Chemistry of domoic acid, isodomoic acids, and their analogues. *Tetrahedron* **2005**, *61*, 5713.
- 721.** Jacques Muzart, Palladium-catalysed reactions of alcohols. Part C: Formation of ether linkages. *Tetrahedron* **2005**, *61*, 5955.
- 722.** H el ene Pellissier, Recent developments in the Nazarov process. *Tetrahedron* **2005**, *61*, 6479.
- 723.** Edward L. Clennan and Andrea Pace, Advances in singlet oxygen chemistry. *Tetrahedron* **2005**, *61*, 6665.
- 724.** M. Nishio, CH/ π hydrogen bonds in organic reactions. *Tetrahedron* **2005**, *61*, 6921.
- 725.** Franck Amblard, Steven P. Nolan and Luigi A. Agrofoglio, Metathesis strategy in nucleoside chemistry. *Tetrahedron* **2005**, *61*, 7067.
- 726.** Janez Ila , Petra  tefani  Anderluh, Marija Sollner Dolenc and Danijel Kikelj, Recent advances in the synthesis of 2H-1,4-benzoxazin-3-(4H)-ones and 3,4-dihydro-2H-1,4-benzoxazines. *Tetrahedron* **2005**, *61*, 7325.
- 727.** Alison J. Frontier and Christina Collison, The Nazarov cyclization in organic synthesis. Recent advances. *Tetrahedron* **2005**, *61*, 7577.
- 728.** Steven A. Weissman and Daniel Zewge, Recent advances in ether dealkylation. *Tetrahedron* **2005**, *61*, 7833.
- 729.** Hirofumi Matsunaga, Tadao Ishizuka and Takehisa Kunieda, Synthetic utility of five-membered heterocycles—chiral functionalization and applications. *Tetrahedron* **2005**, *61*, 8073.
- 730.** Katarzyna Kaczorowska, Zofia Kolarska, Katarzyna Mitka and Piotr Kowalski, Oxidation of sulfides to sulfoxides. Part 2: Oxidation by hydrogen peroxide. *Tetrahedron* **2005**, *61*, 8315.
- 731.** John F. Callan, A. Prasanna de Silva and David C. Magri, Luminescent sensors and switches in the early 21st century. *Tetrahedron* **2005**, *61*, 8551.
- 732.** Ainoliisa J. Pihko and Ari M. P. Koskinen, Synthesis of propellane-containing natural products. *Tetrahedron* **2005**, *61*, 8769.
- 733.** Roberto Ballini, Giovanna Bosica, Dennis Fiorini and Alessandro Palmieri, Acyclic α -nitro ketones: a versatile class of α -functionalized ketones in organic synthesis. *Tetrahedron* **2005**, *61*, 8971.
- 734.** Vishwakarma Singh, Sridhar R. Iyer and Shantanu Pal, Recent approaches towards synthesis of *cis*-decalins. *Tetrahedron* **2005**, *61*, 9197.
- 735.** Jacques Muzart, Palladium-catalysed reactions of alcohols. Part D: Rearrangements, carbonylations, carboxylations and miscellaneous reactions. *Tetrahedron* **2005**, *61*, 9423.
- 736.** Matthew J. Piggott, Naphtho[2,3-*c*]furan-4,9-diones and related compounds: theoretically interesting and bioactive natural and synthetic products. *Tetrahedron* **2005**, *61*, 9929.
- 737.** David J. Connolly, Declan Cusack, Timothy P. O'Sullivan and Patrick J. Guiry, Synthesis of quinazolinones and quinazolines. *Tetrahedron* **2005**, *61*, 10153.
- 738.** G. S. C. Srikanth and Steven L. Castle, Advances in radical conjugate additions. *Tetrahedron* **2005**, *61*, 10377.
- 739.** Krishna C. Majumdar, Pradipta K. Basu and Partha P. Mukhopadhyay, Formation of five- and six-membered heterocyclic rings under radical cyclisation conditions. *Tetrahedron* **2005**, *61*, 10603.
- 740.** Christian A. G. N. Montalbetti and Virginie Falque, Amide bond formation and peptide coupling. *Tetrahedron* **2005**, *61*, 10827.
- 741.** Turan Ozturk, Erdal Ertas and Olcay Mert, Dithienothiophenes. *Tetrahedron* **2005**, *61*, 11055.
- 742.** Laura A. McAllister, Rosemary A. McCormick and David J. Procter, Sulfide- and selenide-based linkers in phase tag-assisted synthesis. *Tetrahedron* **2005**, *61*, 11527.
- 743.** Francisco Alonso, Irina P. Beletskaya and Miguel Yus, Non-conventional methodologies for transition-metal catalysed carbon–carbon coupling: a critical overview. Part 1: The Heck reaction. *Tetrahedron* **2005**, *61*, 11771.
- 744.** Christopher J. Handy, Amy S. Manoso, William T. McElroy, W. Michael Seaganish and Philip DeShong, Recent advances in siloxane-based aryl–aryl coupling reactions: focus on heteroaromatic systems. *Tetrahedron* **2005**, *61*, 12201.
- 745.** Fliur Z. Macaev and Andrei V. Malkov, Use of monoterpenes, 3-carene and 2-carene, as synthons in the stereoselective synthesis of 2,2-dimethyl-1,3-disubstituted cyclopropanes. *Tetrahedron* **2006**, *62*, 9.
- 746.** Matthias D'hooghe and Norbert De Kimpe, Synthetic approaches towards 2-iminothiazolidines: an overview. *Tetrahedron* **2006**, *62*, 513.
- 747.** Rosy Pradhan, Manabendra Patra, Ajaya K. Behera, Bijay K. Mishra and Rajani K. Behera, A synthon approach to spiro compounds. *Tetrahedron* **2006**, *62*, 779.
- 748.** John A. Vanecko, Hayley Wan and Frederick G. West, Recent advances in the Stevens rearrangement of ammonium ylides. Application to the synthesis of alkaloid natural products. *Tetrahedron* **2006**, *62*, 1043.
- 749.** Jin Kun Cha and Oleg L. Epstein, Synthetic approaches to ingenol. *Tetrahedron* **2006**, *62*, 1329.
- 750.** H el ene Pellissier, Asymmetric domino reactions. Part A: Reactions based on the use of chiral auxiliaries. *Tetrahedron* **2006**, *62*, 1619.
- 751.** H el ene Pellissier, Asymmetric domino reactions. Part B: Reactions based on the use of chiral catalysts and biocatalysts. *Tetrahedron* **2006**, *62*, 2143.
- 752.** Allison R. Dick and Melanie S. Sanford, Transition metal catalyzed oxidative functionalization of carbon–hydrogen bonds. *Tetrahedron* **2006**, *62*, 2439.
- 753.** Robert  ysek and Pierre Vogel, Synthesis of amino- and diaminoconduritols and their applications. *Tetrahedron* **2006**, *62*, 2733.
- 754.** E. S. H. El Ashry, L. F. Awad and A. I. Atta, Synthesis and role of glycosylthio heterocycles in carbohydrate chemistry. *Tetrahedron* **2006**, *62*, 2943.
- 755.** Sarbani Pal, A journey across the sequential development of macrolides and ketolides related to erythromycin. *Tetrahedron* **2006**, *62*, 3171.
- 756.** Gregory Dake, Recent approaches to the construction of 1-azaspiro[4.5]decanes and related 1-azaspirocycles. *Tetrahedron* **2006**, *62*, 3467.
- 757.** Ken S. Feldman, Modern Pummerer-type reactions. *Tetrahedron* **2006**, *62*, 5003.
- 758.** Florence C. E. Sarab er and Aede de Groot, Ring C closure as key step in the synthesis of steroids. *Tetrahedron* **2006**, *62*, 5363.
- 759.** H el ene Pellissier, Use of chiral sulfoxides in asymmetric synthesis. *Tetrahedron* **2006**, *62*, 5559.
- 760.** Arto Liljeb ad and Liisa T. Kanerva, Biocatalysis as a profound tool in the preparation of highly enantiopure β -amino acids. *Tetrahedron* **2006**, *62*, 5831.
- 761.** Vijay Nair, Siji Thomas, Smitha C. Mathew and K. G. Abhilash, Recent advances in the chemistry of triaryl- and triheteroaryl-methanes. *Tetrahedron* **2006**, *62*, 6731.
- 762.** Fabio Bellina and Renzo Rossi, Synthesis and biological activity of pyrrole, pyrrolone and pyrrolidine derivatives with two aryl groups on adjacent positions. *Tetrahedron* **2006**, *62*, 7213.
- 763.** Byung Tae Cho, Recent advances in the synthetic applications of the oxazaborolidine-mediated asymmetric reduction. *Tetrahedron* **2006**, *62*, 7621.

764. Gérard Rousseau and Luis Blanco, Heterocyclic compounds with a silicon atom and another non-adjacent different heteroatom. *Tetrahedron* **2006**, 62, 7951.
765. Mitchell J. Schultz and Matthew S. Sigman, Recent advances in homogeneous transition metal-catalyzed aerobic alcohol oxidations. *Tetrahedron* **2006**, 62, 8227.
766. Simon E. Lewis, Recent advances in the chemistry of macroline, sarpagine and ajmaline-related indole alkaloids. *Tetrahedron* **2006**, 62, 8655.
767. Daniel Morton and Robert A. Stockman, Chiral non-racemic sulfinimines: versatile reagents for asymmetric synthesis. *Tetrahedron* **2006**, 62, 8869.
768. Christophe Len and Grahame Mackenzie, Synthesis of 2',3'-didehydro-2',3'-dideoxynucleosides having variations at either or both of the 2'- and 3'-positions. *Tetrahedron* **2006**, 62, 9085.
769. Nicole L. Snyder, Heather M. Haines and Mark W. Pecuh, Recent developments in the synthesis of oxepines. *Tetrahedron* **2006**, 62, 9301.
770. Grzegorz Blotny, Recent applications of 2,4,6-trichloro-1,3,5-triazine and its derivatives in organic synthesis. *Tetrahedron* **2006**, 62, 9507.
771. Santosh B. Mhaske and Narshinha P. Argade, The chemistry of recently isolated naturally occurring quinazolinone alkaloids. *Tetrahedron* **2006**, 62, 9787.
772. Simon Fox and Ross W. Boyle, Synthetic routes to porphyrins bearing fused rings. *Tetrahedron* **2006**, 62, 10039.
773. Eduardo Borges de Melo, Adriane da Silveira Gomes and Ivone Carvalho, α - and β -Glucosidase inhibitors: chemical structure and biological activity. *Tetrahedron* **2006**, 62, 10277.
774. Yu Tang, Jossian Oppenheimer, Zhenlei Song, Lingfeng You, Xuejun Zhang and Richard P. Hsung, Strategies and approaches for constructing 1-oxadecalins. *Tetrahedron* **2006**, 62, 10785.
775. Jiney Jose and Kevin Burgess, Benzophenoxazine-based fluorescent dyes for labeling biomolecules. *Tetrahedron* **2006**, 62, 11021.
776. Benoit Jolicoeur, Erin E. Chapman, Alison Thompson and William D. Lubell, Pyrrole protection. *Tetrahedron* **2006**, 62, 11531.
777. Wei Zhang and Dennis P. Curran, Synthetic applications of fluorosolid-phase extraction (F-SPE). *Tetrahedron* **2006**, 62, 11837.
778. A. Chatterjee and N. N. Joshi, Evolution of the stereoselective pinacol coupling reaction. *Tetrahedron* **2006**, 62, 12137.
779. Mitsuru Shindo, Synthetic uses of ynolates. *Tetrahedron* **2007**, 63, 10.
780. John P. Wolfe and Michael B. Hay, Recent advances in the stereoselective synthesis of tetrahydrofurans. *Tetrahedron* **2007**, 63, 261.
781. Francisco Palacios, Concepción Alonso, Domitila Aparicio, Gloria Rubiales and Jesús M. de los Santos, The aza-Wittig reaction: an efficient tool for the construction of carbon–nitrogen double bonds. *Tetrahedron* **2007**, 63, 523.
782. Krishna C. Majumdar, Pradipta K. Basu and Sudip K. Chattopadhyay, Formation of five- and six-membered heterocyclic rings under radical cyclisation conditions. *Tetrahedron* **2007**, 63, 793.
783. Florence Popowycz, Sylvain Routier, Benoît Joseph and Jean-Yves Mérour, Synthesis and reactivity of 7-azaindole (1*H*-pyrrolo[2,3-*b*]pyridine). *Tetrahedron* **2007**, 63, 1031.
784. H  l  ne Pellissier, Chiral sulfur-containing ligands for asymmetric catalysis. *Tetrahedron* **2007**, 63, 1297.
785. Marianna Vrettou, Andrew A. Gray, Alice R. E. Brewer and Anthony G. M. Barrett, Strategies for the synthesis of C_2 symmetric natural products—a review. *Tetrahedron* **2007**, 63, 1487.
786. Ashraf Ghanem, Trends in lipase-catalyzed asymmetric access to enantiomerically pure/enriched compounds. *Tetrahedron* **2007**, 63, 1721.
787. Darren Stead and Peter O'Brien, Total synthesis of the lupin alkaloid cytisine: comparison of synthetic strategies and routes. *Tetrahedron* **2007**, 63, 1885.
788. Elzbieta Lewandowska, Substitution at the α -carbons of α,β -unsaturated carbonyl compounds: *anti*-Michael addition. *Tetrahedron* **2007**, 63, 2107.
789. Shahana Chowdhury, Ram S. Mohan and Janet L. Scott, Reactivity of ionic liquids. *Tetrahedron* **2007**, 63, 2363.
790. Gregory K. Friestad and Alex K. Mathies, Recent developments in asymmetric catalytic addition to C=N bonds. *Tetrahedron* **2007**, 63, 2541.
791. Pradeep Kumar, Vasudeva Naidu and Priti Gupta, Application of hydrolytic kinetic resolution (HKR) in the synthesis of bioactive compounds. *Tetrahedron* **2007**, 63, 2745.
792. J. Alberto Marco, Miguel Carda, Juan Murga and Eva Falomir, Stereoselective syntheses of naturally occurring 5,6-dihydropyran-2-ones. *Tetrahedron* **2007**, 63, 2929.
793. Simon J. Meek and Joseph P. A. Harrity, O \rightarrow C rearrangements: a powerful strategy for the synthesis of functionalised carbocycles. *Tetrahedron* **2007**, 63, 3081.
794. H  l  ne Pellissier, Asymmetric 1,3-dipolar cycloadditions. *Tetrahedron* **2007**, 63, 3235.
795. H  lio A. Stefani, Rodrigo Cella and Adriano S. Vieira, Recent advances in organotrifluoroborates chemistry. *Tetrahedron* **2007**, 63, 3623.
796. Shital K. Chattopadhyay, Swastik Karmakar, Titas Biswas, K. C. Majumdar, H. Rahaman and B. Roy, Formation of medium-ring heterocycles by diene and enyne metathesis. *Tetrahedron* **2007**, 63, 3919.
797. Nurullah Saracoglu, Recent advances and applications in 1,2,4,5-tetrazine chemistry. *Tetrahedron* **2007**, 63, 4199.
798. Sabita Patel and B. K. Mishra, Chromium(VI) oxidants having quaternary ammonium ions: studies on synthetic applications and oxidation kinetics. *Tetrahedron* **2007**, 63, 4367.
799. Fabio Bellina, Silvia Cauteruccio and Renzo Rossi, Synthesis and biological activity of vicinal diaryl-substituted 1*H*-imidazoles. *Tetrahedron* **2007**, 63, 4571.
800. Richard C. Hartley, Jianfeng Li, Calver A. Main and Gordon J. McKiernan, Titanium carbenoid reagents for converting carbonyl groups into alkenes. *Tetrahedron* **2007**, 63, 4825.
801. Salvatore D. Lepore and Deboprosad Mondal, Recent advances in heterolytic nucleofugal leaving groups. *Tetrahedron* **2007**, 63, 5103.
802. Albert Padwa and Scott K. Bur, The domino way to heterocycles. *Tetrahedron* **2007**, 63, 5341.
803. Eder J. Lenard  o, Giancarlo V. Botteselle, Francisco de Azambuja, Gelson Perin and Raquel G. Jacob, Citronellal as key compound in organic synthesis. *Tetrahedron* **2007**, 63, 6671.
804. Vivek Polshettiwar and   rp  d Moln  r, Silica-supported Pd catalysts for Heck coupling reactions. *Tetrahedron* **2007**, 63, 6949.
805. Jacques Muzart, Aldehydes from Pd-catalysed oxidation of terminal olefins. *Tetrahedron* **2007**, 63, 7505.
806. Sergey V. Druzhinin, Elizabeth S. Balenkova and Valentine G. Nenajdenko, Recent advances in the chemistry of α,β -unsaturated trifluoromethylketones. *Tetrahedron* **2007**, 63, 7753.
807. Florence F. Wagner and Daniel L. Comins, Recent advances in the synthesis of nicotine and its derivatives. *Tetrahedron* **2007**, 63, 8065.
808. Florence Popowycz, Jean-Yves M  rour and Beno  t Joseph, Synthesis and reactivity of 4-, 5- and 6-azaindoles. *Tetrahedron* **2007**, 63, 8689.
809. Carol M. Taylor and Weihua Wang, Histidinoalanine: a crosslinking amino acid. *Tetrahedron* **2007**, 63, 9033.
810. H  l  ne Pellissier, Asymmetric organocatalysis. *Tetrahedron* **2007**, 63, 9267.

811. Dana Ferraris, Catalytic, asymmetric alkylation of imines. *Tetrahedron* **2007**, 63, 9581.
812. Maristela B. Martins and Ivone Carvalho, Diketopiperazines: biological activity and synthesis. *Tetrahedron* **2007**, 63, 9923.
813. Alwyn G. Davies, Organosilicon peroxides: radicals and rearrangements. *Tetrahedron* **2007**, 63, 10385.
814. Esen Bellur, Holger Feist and Peter Langer, Recent advances in the chemistry of 2-(2-oxoalkylidene)tetrahydrofurans. *Tetrahedron* **2007**, 63, 10865.
815. Anne-Sophie Chapelon, Delphine Moraléda, Raphaël Rodriguez, Cyril Ollivier and Maurice Santelli, Enantioselective synthesis of steroids. *Tetrahedron* **2007**, 63, 11511.
816. Roberto Ballini, Alessandro Palmieri and Paolo Righi, Highly efficient one- or two-step sequences for the synthesis of fine chemicals from versatile nitroalkanes. *Tetrahedron* **2007**, 63, 12099.
817. Vijay Nair and T. D. Suja, Intramolecular 1,3-dipolar cycloaddition reactions in targeted syntheses. *Tetrahedron* **2007**, 63, 12247.
818. Valentine G. Nenajdenko, Arkady L. Krasovskiy and Elizabeth S. Balenkova, The chemistry of sulfinyl and sulfonyl enones. *Tetrahedron* **2007**, 63, 12481.
819. Tilak Chandra and Kenneth L. Brown, Vitamin B₁₂ and α -ribonucleosides. *Tetrahedron* **2008**, 64, 9.
820. Amos B. Smith III and B. Scott Freeze, (+)-Discodermolide: total synthesis, construction of novel analogues, and biological evaluation. *Tetrahedron* **2008**, 64, 261.
821. Miguel A. González, Total syntheses and synthetic studies of spongiane diterpenes. *Tetrahedron* **2008**, 64, 445.
822. Krishna C. Majumdar, Safiul Alam and Buddhadeb Chattopadhyay, Catalysis of the Claisen rearrangement. *Tetrahedron* **2008**, 64, 597.
823. Valeri A. Pavlov, C₂ and C₁ Symmetry of chiral auxiliaries in catalytic reactions on metal complexes. *Tetrahedron* **2008**, 64, 1147.
824. Hélène Pellissier, Recent developments in dynamic kinetic resolution. *Tetrahedron* **2008**, 64, 1563.
825. César Jiménez-Sanchidrián and José Rafael Ruiz, The Baeyer–Villiger reaction on heterogeneous catalysts. *Tetrahedron* **2008**, 64, 2011.
826. Valéria Belli Riatto, Ronaldo Aloise Pilli and Mauricio Moraes Victor, Fifteen years of biological and synthetic studies of decaristictine family. *Tetrahedron* **2008**, 64, 2279.
827. Antoine François, Olivier Bedel and Arnaud Haudrechy, Is osmylation always preferring the richest double bond? *Tetrahedron* **2008**, 64, 2495.
828. Igor Larrosa, Pedro Romea and Fèlix Urpí, Synthesis of six-membered oxygenated heterocycles through carbon–oxygen bond-forming reactions. *Tetrahedron* **2008**, 64, 2683.
829. Sulagna Brahma and Jayanta K. Ray, Halovinyl aldehydes: useful tools in organic synthesis. *Tetrahedron* **2008**, 64, 2883.
830. Francisco Alonso, Irina P. Beletskaya and Miguel Yus, Non-conventional methodologies for transition-metal catalysed carbon–carbon coupling: a critical overview. Part 2: The Suzuki reaction. *Tetrahedron* **2008**, 64, 3047.
831. Matthias D'hooghe and Norbert De Kimpe, Synthesis and synthetic applications of 2-amino-3-halo-1-oxypropanes. *Tetrahedron* **2008**, 64, 3275.
832. Vishwakarma Singh, Urlam Murali Krishna, Vikrant and Girish K. Trivedi, Cycloaddition of oxidopyrylium species in organic synthesis. *Tetrahedron* **2008**, 64, 3405.
833. Tanmaya Pathak, Vinyl sulfone-modified carbohydrates: an inconspicuous group of chiral building blocks. *Tetrahedron* **2008**, 64, 3605.
834. Hong C. Shen, Recent advances in syntheses of heterocycles and carbocycles via homogeneous gold catalysis. Part 1: Heteroatom addition and hydroarylation reactions of alkynes, allenes, and alkenes. *Tetrahedron* **2008**, 64, 3885.
835. Vijay Singh and Sanjay Batra, Advances in the Baylis–Hillman reaction-assisted synthesis of cyclic frameworks. *Tetrahedron* **2008**, 64, 4511.
836. Rachid Skouta and Chao-Jun Li, Gold-catalyzed reactions of C–H bonds. *Tetrahedron* **2008**, 64, 4917.
837. Jacques Muzart, Gold-catalysed reactions of alcohols: isomerisation, inter- and intramolecular reactions leading to C–C and C–heteroatom bonds. *Tetrahedron* **2008**, 64, 5815.
838. Vadim D. Romanenko and Valery P. Kukhar, Fluorinated organophosphates for biomedical targets. *Tetrahedron* **2008**, 64, 6153.
839. Zhenhua Zhang and Jianbo Wang, Recent studies on the reactions of α -diazocarbonyl compounds. *Tetrahedron* **2008**, 64, 6577.
840. Hélène Pellissier, Recent developments in asymmetric cyclopropanation. *Tetrahedron* **2008**, 64, 7041.
841. Christophe Len, Martine Mondon and Jacques Lebreton, Synthesis of cyclonucleosides having a C–C bridge. *Tetrahedron* **2008**, 64, 7453.
842. Maria Chiara Aversa, Anna Barattucci and Paola Bonaccorsi, Glycosulfoxides in carbohydrate chemistry. *Tetrahedron* **2008**, 64, 7659.
843. Hong C. Shen, Recent advances in syntheses of carbocycles and heterocycles via homogeneous gold catalysis. Part 2: Cyclizations and cycloadditions. *Tetrahedron* **2008**, 64, 7847.
844. H. Surya Prakash Rao, Shaik Rafi and K. Padmavathy, The Blaise reaction. *Tetrahedron* **2008**, 64, 8037.
845. Michel Legraverend, Recent advances in the synthesis of purine derivatives and their precursors. *Tetrahedron* **2008**, 64, 8585.
846. Matthew L. Clarke and Marcia B. France, The carbonyl ene reaction. *Tetrahedron* **2008**, 64, 9003.
847. Tomasz Janosik, Niklas Wahlström and Jan Bergman, Recent progress in the chemistry and applications of indolocarbazoles. *Tetrahedron* **2008**, 64, 9159.
848. Krishna C. Majumdar and Pradip Debnath, Thiol-mediated radical cyclizations. *Tetrahedron* **2008**, 64, 9799.
849. Fernando Benito-López, Richard J. M. Egberink, David N. Reinhoudt and Willem Verboom, High pressure in organic chemistry on the way to miniaturization. *Tetrahedron* **2008**, 64, 10023.
850. Hélène Pellissier, Use of TADDOLs and their derivatives in asymmetric synthesis. *Tetrahedron* **2008**, 64, 10279.
851. Nanyan Fu and Thomas T. Tidwell, Preparation of β -lactams by [2+2] cycloaddition of ketenes and imines. *Tetrahedron* **2008**, 64, 10465.
852. El Sayed H. El Ashry, Nagwa Rashed and El Sayed I. Ibrahim, Challenges in the stereocontrolled syntheses of β -rhamnosides. *Tetrahedron* **2008**, 64, 10631.
853. Sambasivarao Kotha, Shilpi Misra and Somnath Halder, Benzannulation. *Tetrahedron* **2008**, 64, 10775.
854. Raj K. Bansal and Surendra K. Kumawat, Diels–Alder reactions involving >C=P- functionality. *Tetrahedron* **2008**, 64, 10945.
855. Mark E. Welker, Recent advances in syntheses and reaction chemistry of boron and silicon substituted 1,3-dienes. *Tetrahedron* **2008**, 64, 11529.
856. Mario Ordóñez, Haydée Rojas-Cabrera and Carlos Cativiela, An overview of stereoselective synthesis of α -aminophosphonic acids and derivatives. *Tetrahedron* **2009**, 65, 17.
857. Manojit Pal, HDL Therapeutics for the treatment of atherosclerosis: a brief overview of the synthetic approaches. *Tetrahedron* **2009**, 65, 433.
858. Morteza Shiri and Mohammad Ali Zolfigol, Surfactant-type catalysts in organic reactions. *Tetrahedron* **2009**, 65, 587.
859. Sukalyan Dash, Sabita Patel and Bijay K. Mishra, Oxidation by permanganate: synthetic and mechanistic aspects. *Tetrahedron* **2009**, 65, 707.

860. Margaret M. Kayser 'Designer reagents' recombinant microorganisms: new and powerful tools for organic synthesis. *Tetrahedron* **2009**, 65, 947.
861. Kazuaki Ishihara, Dehydrative condensation catalyses. *Tetrahedron* **2009**, 65, 1085.
862. Pedro Merino, Eugenia Marqués-López, Tomás Tejero and Raquel P. Herrera, Organocatalyzed Strecker reactions. *Tetrahedron* **2009**, 65, 1219.
863. Adewale M. Adio, Germacrenes A–E and related compounds: thermal, photochemical and acid induced transannular cyclizations. *Tetrahedron* **2009**, 65, 1533.
864. Kazuya Okano, Synthesis and pharmaceutical application of L-ribose. *Tetrahedron* **2009**, 65, 1937.
865. Laurent El Kaim and Laurence Grimaud, Beyond the Ugi reaction: less conventional interactions between isocyanides and iminium species. *Tetrahedron* **2009**, 65, 2153.
866. R. David Crouch, Synthetic routes toward 2-substituted 2-imidazolines. *Tetrahedron* **2009**, 65, 2387.
867. Rodrigo Cella and Hélio A. Stefani, Ultrasound in heterocycles chemistry. *Tetrahedron* **2009**, 65, 2617.
868. Vladimir V. Kouznetsov, Recent synthetic developments in a powerful imino Diels–Alder reaction (Povarov reaction): application to the synthesis of N-polyheterocycles and related alkaloids. *Tetrahedron* **2009**, 65, 2721.
869. H  l  ne Pellissier, Asymmetric hetero-Diels–Alder reactions of carbonyl compounds. *Tetrahedron* **2009**, 65, 2839.
870. Stephen Caddick and Richard Fitzmaurice, Microwave enhanced synthesis. *Tetrahedron* **2009**, 65, 3325.
871. Maur  cio F. Saraiva, Mara R.C. Couri, Mireille Le Hyaric and Mauro V. de Almeida, The Barton ester free-radical reaction: a brief review of applications. *Tetrahedron* **2009**, 65, 3563.
872. Nicol Ungur and Veaceslav Kulciti, Occurrence, biological activity and synthesis of cheilanthane sesterterpenoids. *Tetrahedron* **2009**, 65, 3815.
873. Hong C. Shen, Asymmetric synthesis of chiral chromans. *Tetrahedron* **2009**, 65, 3931.
874. Carrie E. Aroyan, Alpay Dermenci and Scott J. Miller, The Rauhut–Currier reaction: a history and its synthetic application. *Tetrahedron* **2009**, 65, 4069.
875. Enrique L. Larghi, Mar  a L. Bohn and Teodoro S. Kaufman, Aptamine and related products. Their isolation, chemical syntheses, and biological activity. *Tetrahedron* **2009**, 65, 4257.
876. Adewale M. Adio, (–)-trans- -Elemene and related compounds: occurrence, synthesis, and anticancer activity. *Tetrahedron* **2009**, 65, 5145.
877. Jasminka Pavlinac, Marko Zupan, Kenneth K. Laali and Stojan Stavber, Halogenation of organic compounds in ionic liquids. *Tetrahedron* **2009**, 65, 5625.
878. Richard J. Duffy, Kay A. Morris and Daniel Romo, Synthesis of unusually strained spiroheterocyclic ring systems and their exploits in synthesis. *Tetrahedron* **2009**, 65, 5879.
879. Daisuke Urabe and Masayuki Inoue, Total syntheses of sesquiterpenes from *Illicium* species. *Tetrahedron* **2009**, 65, 6271.
880. Daniel H. Paull, Anthony Weatherwax and Thomas Lectka, Catalytic, asymmetric reactions of ketenes and ketene enolates. *Tetrahedron* **2009**, 65, 6771.
881. Olga N. Burchak and Sandrine Py, Reductive cross-coupling reactions (RCCR) between C=N and C=O for  -amino alcohol synthesis. *Tetrahedron* **2009**, 65, 7333.
882. Majid M. Heravi and Sodeh Sadjadi, Recent advances in the application of the Sonogashira method in the synthesis of heterocyclic compounds. *Tetrahedron* **2009**, 65, 7761.
883. Atul Goel and Vishnu J. Ram, Natural and synthetic 2H-pyran-2-ones and their versatility in organic synthesis. *Tetrahedron* **2009**, 65, 7865.
884. Ashraf A. Aly and Alan B. Brown, Asymmetric and fused heterocycles based on [2.2]paracyclophane. *Tetrahedron* **2009**, 65, 8055.
885. Jacques Muzart, N,N-Dimethylformamide: much more than a solvent. *Tetrahedron* **2009**, 65, 8313.
886. Jo  o V. Comasseto and Rog  rio A. Gariani, Biotransformations on organic selenides and tellurides: synthetic applications. *Tetrahedron* **2009**, 65, 8447.
887. Gareth J. Rowlands, Radicals in organic synthesis. Part 1. *Tetrahedron* **2009**, 65, 8603.
888. Saravanan Gowrisankar, Hyun Seung Lee, Sung Hwan Kim, Ka Young Lee and Jae Nyoung Kim, Recent advances in the Pd-catalyzed chemical transformations of Baylis–Hillman adducts. *Tetrahedron* **2009**, 65, 8769.
889. Lokman H. Choudhury, Tasneem Parvin and Abu T. Khan, Recent advances in the application of bromodimethylsulfonium bromide (BDMS) in organic synthesis. *Tetrahedron* **2009**, 65, 9513.
890. Palakodety Radha Krishna, Aare Sreeshailam and Ravula Srinivas, Recent advances and applications in asymmetric aza-Michael addition chemistry. *Tetrahedron* **2009**, 65, 9657.
891. Yu-hong Lam, Steven J. Stanway and V  ronique Gouverneur, Recent progress in the use of fluoroorganic compounds in pericyclic reactions. *Tetrahedron* **2009**, 65, 9905.
892. Florian Hamon, Florence Djedaini-Pilard, Francis Barbot and Christophe Len, Azobenzenes—synthesis and carbohydrate applications. *Tetrahedron* **2009**, 65, 10105.
893. Fabio Bellina and Renzo Rossi, Recent advances in the synthesis of (hetero)aryl-substituted heteroarenes via transition metal-catalysed direct (hetero)arylation of heteroarene C–H bonds with aryl halides or pseudohalides, diaryliodonium salts, and potassium aryltrifluoroborates. *Tetrahedron* **2009**, 65, 10269.
894. Gregory P. Tochtrop, Sushabhan Sadhukhan, Rik Rani Koner and Subrata Ghosh, The synthesis and applications of  -benzylmercaptoethylamine derivatives. *Tetrahedron* **2009**, 65, 10515.
895. Andrzej Wolan and Yvan Six, Synthetic transformations mediated by the combination of titanium(IV) alkoxides and grignard reagents: selectivity issues and recent applications. Part 1: reactions of carbonyl derivatives and nitriles. *Tetrahedron* **2010**, 66, 15.
896. Clarisse Olier, Mustapha Kaafarani, St  phane Gastaldi and Mich  le P. Bertrand, Synthesis of tetrahydropyrans and related heterocycles via prins cyclization; extension to aza-prins cyclization. *Tetrahedron* **2010**, 66, 413.
897. Duncan L. Browne and Joseph P. A. Harrity, Recent developments in the chemistry of sydnones. *Tetrahedron* **2010**, 66, 553.
898. Xiao-Long Qiu, Xiu-Hua Xu and Feng-Ling Qing, Recent advances in the synthesis of fluorinated nucleosides. *Tetrahedron* **2010**, 66, 789.
899. David A. Foley and Anita R. Maguire, Synthetic approaches to bicyclo[5.3.0]decane sesquiterpenes. *Tetrahedron* **2010**, 66, 1131.
900. Sara Sobhani and Zahra Tashrif, Synthesis of  -functionalized phosphonates from  -hydroxyphosphonates. *Tetrahedron* **2010**, 66, 1429.
901. H  l  ne Pellissier, Recent developments in asymmetric aziridination. *Tetrahedron* **2010**, 66, 1509.
902. Gareth J. Rowlands, Radicals in organic synthesis: part 2. *Tetrahedron* **2010**, 66, 1509.
903. Didier Astruc and Jaime Ruiz, Organoiron-mediated dendrimer syntheses with 1→3 connectivity and applications. *Tetrahedron* **2010**, 66, 1769.
904. Sanjay R. Chemburkar, Kris C. Deming and Rajarathnam E. Reddy, Chemistry of thyroxine: an historical perspective and recent progress on its synthesis. *Tetrahedron* **2010**, 66, 1769.
905. Marta G. N  n  ez, Pilar Garc  a, Rosalina F. Moro and David D  ez, Asymmetric organocatalytic synthesis of six-membered oxygenated heterocycles. *Tetrahedron* **2010**, 66, 2109.
906. Laurent Pouys  gu, Denis Deffieux and St  phane Quideau, Hypervalent iodine-mediated phenol dearomatization in natural product synthesis. *Tetrahedron* **2010**, 66, 2261.
907. Pengfei Lu, Recent developments in regioselective ring opening of aziridines. *Tetrahedron* **2010**, 66, 2549.

908. Gian Piero Pollini, Simonetta Benetti, Carmela De Risi and Vinicio Zanirato, Hagemann's ester: a timeless building block for natural product synthesis. *Tetrahedron* **2010**, *66*, 2775.
909. Rami A. Al-Horani and Umesh R. Desai, Chemical sulfation of small molecules—advances and challenges. *Tetrahedron* **2010**, *66*, 2907.
910. Andrzej Wolan and Yvan Six, Synthetic transformations mediated by the combination of titanium(IV) alkoxides and Grignard reagents: selectivity issues and recent applications. Part 2: Reactions of alkenes, allenes and alkynes. *Tetrahedron* **2010**, *66*, 3097.
911. Michael De Castro and Cecilia H. Marzabadi, Preparation and reactions of iodo sugars. *Tetrahedron* **2010**, *66*, 3395.
912. Luiz F. Silva Jr., Marcus V. Craveiro and Iris R. M. Tébeka, Total syntheses of trikentrins and of herbindoies. *Tetrahedron* **2010**, *66*, 3875.
913. Naveen Mulakayala, C. H. Upendar Reddy, Javed Iqbal and Manojit Pal, Synthesis of dipeptidyl peptidase-4 inhibitors: a brief overview. *Tetrahedron* **2010**, *66*, 4919.
914. Ronald Grigg and Simon P. Mutton, Pd-catalysed carbonylations: versatile technology for discovery and process chemists. *Tetrahedron* **2010**, *66*, 5515.
915. Olcay Anaç and Füsün Şeyma Güngör, Electrocyclization reactions of vinyl, styryl, and butadienyl conjugated carbonyl/azomethine ylides. *Tetrahedron* **2010**, *66*, 5931.
916. Catherine N. Slattery, Alan Ford and Anita R. Maguire, Catalytic asymmetric C–H insertion reactions of α -diazocarbonyl compounds. *Tetrahedron* **2010**, *66*, 6681.
917. Sung Hwan Kim, Hyun Seund Lee, Ko Hoon Kim, See Hee Kim and Jae Nyoung Kim, Recent advances in allylindium reagents in organic synthesis. *Tetrahedron* **2010**, *66*, 7065.
918. Clemens Lamberth, Amino acid chemistry in crop protection. *Tetrahedron* **2010**, *66*, 7239.
919. Susann H. Karke and Stephen C. Bergmeier, Inter- and intramolecular reactions of epoxides and aziridines with π -nucleophiles. *Tetrahedron* **2010**, *66*, 7337.
920. Hojat Veisi and Ramin Ghorbani-Vaghei, Recent progress in the application of *N*-halo reagents in the synthesis of heterocyclic compounds. *Tetrahedron* **2010**, *66*, 7445.
921. Vijay Satam, Ajay Harad and Hari Pati, 2-Iodoxybenzoic acid (IBX): an efficient hypervalent iodine reagent. *Tetrahedron* **2010**, *66*, 7659.
922. Hélio A. Stefani, Alexandre S. Guarezemini and Rodrigo Cella, Homocoupling reactions of alkynes, alkenes and alkyl compounds. *Tetrahedron* **2010**, *66*, 7871–7918.
923. Nicolas Primas, Alexandre Bouillon and Sylvain Rault, Recent progress in the synthesis of five-membered heterocycle boronic acids and esters. *Tetrahedron* **2010**, *66*, 8121–8136.
924. Hélène Pellissier, Recent developments in the reactivity of methylene- and alkylidenecyclopropane derivatives. *Tetrahedron* **2010**, *66*, 8341–8375.
925. Morteza Shiri, Mohammed Ali Zolfigol, Hendrik Gerhardus Kruger and Zahra Tanbakouchian, Advances in the application of N_2O_4/NO_2 in organic reactions. *Tetrahedron* **2010**, *66*, 9077–9106.
926. Valquiria Aragão-Leoneti, Vanessa L. Compo, Adriane S. Gomes, Robert A. Field and Ivone Carvalho, Application of copper(I)-catalysed azide/alkyne cycloaddition (CuAAC) 'click chemistry' in carbohydrate drug and neoglycopolymer synthesis. *Tetrahedron* **2010**, *66*, 9475–9492.
927. Orla A. McNamara and Anita R. Maguire, The norcaradiene–cycloheptatriene equilibrium. *Tetrahedron* **2011**, *67*, 9–40.
928. Tetsuhiro Nemoto and Yasumasa Hamada, Catalytic asymmetric synthesis using *P*-chiral diaminophosphine oxide preligands: DIAPHOXs. *Tetrahedron* **2011**, *67*, 667–687.
929. Oleksandr O. Grygorenko, Oleksiy S. Artamonov, Igor V. Komarov and Pavel K. Mykhailiuk, Trifluoromethyl-substituted cyclopropanes. *Tetrahedron* **2011**, *67*, 803–823.
930. Marjan Jereb, Dejan Vražić and Marko Zupan, Iodine-catalyzed transformation of molecules containing oxygen functional groups. *Tetrahedron* **2011**, *67*, 1355–1387.
931. Elizabeth M. O. Yeboah, Samuel O. Yeboah and Girija S. Singh, Recent applications of *Cinchona* alkaloids and their derivatives as catalysts in metal-free asymmetric synthesis. *Tetrahedron* **2011**, *67*, 1725–1762.
932. Girija S. Singh, Metthias D'hooghe and Norbert De Kimpe, Synthesis and reactivity of spiro-fused β -lactams. *Tetrahedron* **2011**, *67*, 1989–2012.
933. Sudipta Roy, Brian T. Gregg, Gordon W. Gribble, Van-Duc Le and Sujatha Roy, Trifluoromethylation of aryl and heteroaryl halides. *Tetrahedron* **2011**, *67*, 2161–2195.
934. Benan Kılbaş and Metin Balci, Recent advances in inositol chemistry: synthesis and applications. *Tetrahedron* **2011**, *67*, 2355–2389.
935. Kazuya Okano, Synthesis and application of chiral hydrobenzoin. *Tetrahedron* **2011**, *67*, 2483–2512.
936. Samahe Sadjadi and Majid M. Heravi, Recent application of isocyanides in synthesis of heterocycles. *Tetrahedron* **2011**, *67*, 2707–2752.
937. Francois-Xavier Felpin, Luma Nassar-Hardy, Francois Le Callonnec and Eric Fouquet, Recent advances in the Heck–Matsuda reaction in heterocyclic chemistry. *Tetrahedron* **2011**, *67*, 2815–2831.
938. Imtiaz Ahmed M. Khazi, Andanappa K. Gadad, Ravi S. Lamani and Bhoomendra A. Bhongade, Chemistry of imidazo[2,1-*b*]-[1,3,4]thiadiazoles. *Tetrahedron* **2011**, *67*, 3289–3316.
939. Michael Benstead, Georg H. Mehl and Ross W. Boyle, 4,4'-Difluoro-4-bora-3a,4a-diaza-*s*-indacenes (BODIPYs) as components of novel light active materials. *Tetrahedron* **2011**, *67*, 3573–3601.
940. Hélène Pellissier, Recent developments in dynamic kinetic resolution. *Tetrahedron* **2011**, *67*, 3769–3802.
941. Dipanjan Bhattacharyya, The galbulimima alkaloids—a new frontier in alkaloid synthesis. *Tetrahedron* **2011**, *67*, 5525–5542.
942. Mohamed R. Shaaban, Refat El-Sayed and Ahmed H. M. Elwahy, Construction of fused heterocycles by metal-mediated[2+2+2] cyclotrimerization of alkynes and/or nitriles. *Tetrahedron* **2011**, *67*, 6095–6130.
943. Naoyuki Shimada, Craig Stewart and Marcus A. Tius, Asymmetric Nazarov cyclizations. *Tetrahedron* **2011**, *67*, 5851–5870.
944. Renzo Rossi and Fabio Bellina, Marco Lessi, Highly selective palladium-catalyzed Suzuki–Miyaura monocoupling reactions of ethene and arene derivatives bearing two or more electrophilic sites. *Tetrahedron* **2011**, *67*, 6969–7025.
945. Douglass F. Taber and Pavan K. Tirunahari, Indole synthesis: a review and proposed classification. *Tetrahedron* **2011**, *67*, 7195–7210.
946. Walter J. Bowyer, Bakthan Singaram and Anne M. Sessler, Nature of the intermediates formed during indium mediated allylation under Barbier conditions. Spectroscopic and experimental data on allylindium species. *Tetrahedron* **2011**, *67*, 7449–7460.