

JOURNAL OF THE CHEMICAL SOCIETY

Chemical Communications

Number 3
1993

CONTENTS

- John J. Stezowski, P. Ulrich Biedermann, Thomas Hildenbrand, John A. Dorsch, Craig J. Eckhardt, Israel Agranat 213 Overcrowded Enes of the Tricycloindane-1,3-dione Series: Interplay of Twisting, Folding and Pyramidalization
- Thomas A. Perkins, Joshua L. Goodman, Eric T. Kool 215 Accelerated Displacement of Duplex DNA Strands by a Synthetic Circular Oligodeoxynucleotide
- José Barluenga, Miguel Tomás, Alfredo Ballesteros, Jian-She Kong, Santiago Garcia-Granda, Angel Aguirre 217 An Expeditious Synthesis of Highly Substituted 1,4-Diazepines and their Rearrangement into 2*H*-1,3-Oxazines
- Masahito Ochiai, Takao Ito, Motoo Shiro 218 Synthesis of an (Alkylperoxy)- λ^3 -iodane by the Reaction of 1-Hydroxy-1 λ^3 ,2-benziodoxol-3(1*H*)-one with 1,3-Bis(trimethylsilyl)-3-methylbut-1-yne
- C. Taliani, G. Ruani, R. Zamboni, R. Danieli, S. Rossini, V. N. Denisov, V. M. Burlakov, F. Negri, G. Orlandi, F. Zerbetto 220 Light-induced Oxygen Incision of C₆₀
- Takeo Ohsaka, Koichiro Tanaka, Koichi Tokuda 222 Electrocatalysis of Poly(thionine)-modified Electrodes for Oxidation of Reduced Nicotinamide Adenine Dinucleotide
- Sambasivam Ganesh, Kashinath M. Sathe, Malay Nandi, Pinak Chakrabarti, Amitabha Sarkar 224 Complete Reversal of Stereoselectivity in Cyclopropanation of 2-Arylidene-1-tetralone Tricarbonylchromium Complexes
- J. B. Parise, J. A. Hriljac, D. E. Cox, D. R. Corbin, V. Ramamurthy 226 A High-resolution Synchrotron X-Ray Powder Diffraction Study of *trans*-Stilbene in Zeolite ZSM-5
- Paul D. Beer, Michael G. B. Drew, Clare Hazlewood, Dusan Heseck, Jana Hodacova, Sally E. Stokes 229 Dicarboxylate Anion Recognition by a Redox-responsive Ditopic Bis-(cobalticinium) Calix[4]arene Receptor Molecule
- Pierce V. Kavanagh, John M. Kelly, T. Brian H. McMurry, John P. James 231 Intramolecular Photocyclisation of Molecules containing both 3-Phenylcyclopentenone and Uracil Rings
- Libing Yu, Zhiqin Wang 232 The Reactions of 2,3-Epoxyaldehydes with Methoxymethylenetriphenylphosphorane. Enantioselective Syntheses of (*E*)-4-Hydroxyalk-2-enals
- Benjaram M. Reddy, Basude Manohar 234 One Step Synthesis of Acetonitrile from Ethanol *via* Ammoxidation over Sb–V–P–O/Al₂O₃ Catalyst
- Paul T. Wood, William T. Pennington, Joseph W. Kolis 235 Synthesis of M₂Ag₆S₄ (M = Na, K) in Supercritical Ethylenediamine Solvent: a Novel Solid containing Unusual Closed-shell Bonding
- Asit Baran Mandal, Rajadas Jayakumar 237 A New Micelle-forming Peptide
- Erik J. de Vries, Richard M. Kellogg 238 Small Depsipeptides as Solvent Gelators
- Daryoush Mohajer, Shahram Tangestaninejad 240 Efficient Catalytic Epoxidation of Alkenes by a Manganese Porphyrin and Periodate in the Presence of Imidazole
- Jouko Kankare, Virpi Vuorinen, Mika Alanko, Jukka Lukkari 241 Characterization of the First Steps in Electropolymerization by Photocurrent Spectroscopy
- C. M. Drain, Rüdiger Fischer, Ernest G. Nolen, Jean-Marie Lehn 243 Self-assembly of a Bisporphyrin Supramolecular Cage Induced by Molecular Recognition Between Complementary Hydrogen Bonding Sites
- Joseph Schoepfer, Eugen Eichenberger, Reinhard Neier 246 The Stereochemistry of the 1,4-Elimination of Thiocyanic Acid from Hex-3-ene-2,5-diyl Dithiocyanates
- F. Geoffrey N. Cloke, Peter B. Hitchcock, Andrew McCamley 248 Synthesis and Reactivity of Bis(η -1,4-di-*tert*-butylbuta-1,3-diene)cobalt; the X-Ray Crystal Structure of the Anionic Butadiene Sandwich Complex [K(18-crown-6)(thf)₂][Co(η -C₄H₄Bu'₂)₂]
- P. J. Forward, A. A. Gorman, I. Hamblett 250 'Nonvertical' Triplet Energy Transfer to Cyclooctatetraene: Support for the Single-bond Torsion Mechanism
- Abil E. Aliev, Kenneth D. M. Harris, David C. Apperley 251 High-resolution Solid-state ¹³C and ²⁹Si NMR Investigations of the Dynamic Properties of Tetrakis(trimethylsilyl)silane

Wenhua Hou, Bingcheng Peng, Qijie Yan, Xiancai Fu, Gaoquan Shi	253	The First Silica-pillared Layered Niobate
Christoph Lambert, Yun-Dong Wu, Paul von Ragué Schleyer	255	Charge Localization by the Gegenion: the Electronic Structure and Energies of the Alkali Metal Acetaldehyde Enolates
Irena Akhrem, Alexander Orlinkov, Mark Vol'pin	257	Direct Alkylation of Arenes by Alkanes and Cycloalkanes in the Presence of Aprotic Superacids
Myounggho Pyo, John R. Reynolds	258	Dual Ion Transport during Electrochemical Switching of Conducting Polymer Bilayers
Alexander J. Blake, Alan J. Holder, Yvonne V. Roberts, Martin Schröder	260	Agostic Pd \cdots H \cdots NHR ₂ and Apical Pd \cdots NHR ₂ Interactions: the Synthesis and Structures of [Pd ^{II} Cl ₂ (H[9]aneN ₃)] ⁺ , the Pd ^{II} -Pd ^{II} Dimer [(H[9]aneN ₃)Cl ₂ Pd-PdCl ₂ (H[9]aneN ₃)] ²⁺ , and [Pd(Me ₃ [9]aneN ₃)(NCMe) ₂] ²⁺
Irma Davar, Aharon Gedanken, Wiro Menge, J. G. Verkade	262	Optical Activity of a Chiral Bicyclic <i>ortho</i> Ester
René Roy, Robert A. Pon, François D. Tropper, Fredrik O. Andersson	264	Michael Addition of Poly-L-lysine to <i>N</i> -Acryloylated Sialosides. Syntheses of Influenza A Virus Haemagglutinin Inhibitor and Group B Meningococcal Polysaccharide Vaccines
Stephen Anderson, Anthony F. Hill, Alexandra M. Z. Slawin, David J. Williams	266	Metallaoxetene Formation by Coupling of Carbamoyl and Difluorocarbene Ligands
Salih S. Al-Juaid, Peter B. Hitchcock, Robson M. Matos, John F. Nixon	267	Synthesis and Structural Characterisation of the First Example of a 3,3'-Diphospho-1,1'-biphospholyl Ring System; Crystal and Molecular Structure of P ₄ C ₆ Bu ^t ₆
David H. Grayson, Edwin D. Roycroft	269	Efficient Synthesis of Functionalised Ten-membered Lactones <i>via</i> Acid-catalysed Intramolecular Reactions of 5-(Tetrahydro-2-furyl)pentanoic Trifluoroacetic Anhydride
J. P. Dulcère, V. Agati, R. Faure	270	Diels-Alder Intramolecular Cycloaddition of Vinylallenyl Cycloalken-3-yl Ethers
James R. Bull, Claudia Grundler, Margaret L. Niven	271	Novel Tandem Rearrangement of a Steroidal Ring <i>D</i> Cycloadduct Derived from 2-Chloroacrylonitrile
Robert Vleggaar, R. Marthinus Horak, Vinesh J. Maharaj	274	Stereochemical Course of Ring Formation in Fumitremorgin B and Verruculogen, Metabolites of <i>Penicillium verruculosum</i> : Investigation into the Loss of Stereochemical Integrity of the Geminal Methyl Groups
Jason Micklefield, Richard L. Mackman, Christopher J. Aucken, Marion Beckmann, Michael H. Block, Finian J. Leeper, Alan R. Battersby	275	A Novel Stereoselective Synthesis of the Macrocyclic Haem d ₁ that establishes its Absolute Configuration as 2 <i>R</i> ,7 <i>R</i>
Yasuyuki Kawahara, Shinzi Kato, Takahiro Kanda, Toshiaki Murai, Hideharu Ishihara	277	A Facile Preparation of Rubidium and Caesium Selenocarboxylates
Malama Chibwe, Thomas J. Pinnavaia	278	Stabilization of a Cobalt(II) Phthalocyanine Oxidation Catalyst by Intercalation in a Layered Double Hydroxide Host
Asok Nath, Ramanathapuram V. Venkateswaran	281	A Facile Route to the Benzooxabicyclo[3.2.1]octane (2,3,4,5-Tetrahydro-2,5-methano-1-benzoxepine) System: Application to a Short Synthesis of Filiformin
Kunihiko Tajima, Kohji Tada, Akiko Yasui, Hiroaki Ohya-Nishiguchi, Kazuhiko Ishizu	282	Detection of Octaethylverdohaem π -Neutral Radical by Electrochemical-Optical Absorption and -ESR Measurements
Wenbin Lin, Scott R. Wilson, Gregory S. Girolami	284	The First Unsubstituted Metallabenzene Complex [Ru ₂ (η^5 -C ₅ Me ₅) ₂ (η^2 - η^5 -C ₅ H ₅)-(SiMe ₃)]
Adusumilli Srikrishna, Sankuratri Nagaraju, G. Veera Raghava Sharma	285	A Radical Cyclisation Strategy to α -Spiro- β -methylene- γ -butyrolactones. Total Synthesis of (\pm)-Norbakkenolide-A
Ben L. Feringa, Wolter F. Jager, Ben de Lange	288	Sterically Overcrowded Alkenes; a Stereospecific Photochemical and Thermal Isomerization of a Benzoannulated Bithioxanthylidene
Mark Garner, (the late) Michael Green, Nelleke Boogaard, Jan Reedijk	290	The Aquated Form of Cisplatin Selectively Attacks at the G[3] Site in d(GTG)
Scott D. Rychnovsky, George Griesgraber	291	Convergent Synthesis of the Spiroacetal Fragment of Milbemycin β_1
M. John Plater, Charles W. Rees, David G. Roe, Tomás Torroba	293	Cyclopenta-1,2,3-dithiazoles and Related Compounds
Ivan Steels, Pierre J. De Clercq, Howard Maskill	294	The Influence of Anchoring Substitution in 1,3-Amino Alcohols on the Rate and Mechanism of Esterification by Acetylimidazole and by <i>p</i> -Nitrophenyl Acetate
Christopher Lampard, John A. Murphy, Norman Lewis	295	Tetrathiafulvalene as a Catalyst for Radical-Polar Crossover Reactions
Nobuhiro Sakurai, Shigeru Ohmiya	297	Photoaddition Reaction of 1,2-Dialkyl-indoles and -pyrroles to 1-Methyl-2-pyridone <i>via</i> Proton Transfer from the 2-Methylene Group of the Indole or Pyrrole
Andrey V. Zibarev, Yuri V. Gatilov, Irina Yu. Bagryanskaya, Alexander M. Maksimov, Alexey O. Miller	298	Reactivity of 12 π -Electron Arenothiazines: Synthesis and Molecular Structure of Triphenyl[(4,5,6,7-tetrafluoro-1,2 $\lambda^4\delta^2$,3-benzodithiazol-2-yl)imino]- λ^5 -phosphane
Masaru Matsuoka, Toshihiko Hikida, Katsumi Murobushi, Yoshikazu Hosoda	299	Photoreduction of Cyanine Borate Infrared Absorbing Dyes
Paul J. Dyson, Brian F. G. Johnson, Jack Lewis, Dario Braga, Piera Sabatino	301	Synthesis and Characterisation of [Ru ₅ C(CO) ₁₁ (μ_2 - η^2 : η^2 -C ₆ H ₈ -1,4) ₂]: the First Example of Cyclohexa-1,4-diene in a Bridging Coordination Mode
Hideyuki Tukada	302	3-Ylomethylphenylnitrene, a Novel Quartet Species having Doubly Heterogeneous Radical Sites (N and C Atom; <i>S</i> = 1 and 1/2 Centre) in a π -Conjugated Molecule
Ferruccio D'Angeli, Paolo Marchetti, Severo Salvadori, Gianfranco Balboni	304	2-Bromoamides as Synthons for Pseudopeptides containing Aminodicarboxy Units

- Yuji Kubo, Shin-ichi Hamaguchi, Atsuko Niimi, Katsuhira Yoshida, Sumio Tokita** 305 Synthesis of a 1,3-Bis(indoaniline)-derived Calix[4]arene as an Optical Sensor for Calcium Ion
- J. William Suggs, Michael J. Dube, Michael Nichols** 307 Synthesis and Structure of a Product, formed during DNA Nicking with a Cyclometallated Nuclease, consisting of an Adenine Bridging Two Palladium(II) Complexes
- Takafumi Kitazawa, Masuo Takeda** 309 Synthesis and Structural Characterization of a New Mineralomimetic Ion, $[\text{Cd}_2(\text{CN})_7]^{3-}$
- Masahisa Osawa, Udai P. Singh, Masako Tanaka, Yoshihiko Moro-oka, Nobumasa Kitajima** 310 Synthesis and Molecular Structure of an Unsymmetric Dimanganese(II) Carboxylato Complex
- Rainer Bartsch, Peter B. Hitchcock, John F. Nixon** 311 First Example of a Phosphino-phosphinidene Complex. Crystal and Molecular Structure of the Novel Triruthenium Carbonyl Cluster Complex $[\text{Ru}_3(\text{CO})_9(\text{P}_5\text{C}_5\text{Bu}'_5)]$ Containing a Phosphino-phosphinidene, acting as a Six-electron Donor
- Otto J. Scherer, Rainer Winter, Gotthelf Wolmershäuser** 313 Coordinative Stabilization of a Phosphido-phosphinidene Ligand
- Michael J. Baker, Paul G. Pringle** 314 A Tetraphos Ligand with C_3 Symmetry
- Howard Alper, Jian-Quiang Zhou** 316 The Regioselective Hydroformylation of Allyl Acetate Catalysed by Cationic and Zwitterionic Rhodium Complexes
- Michael Schulz, David Milstein** 318 N–H *vis.* C–H Activation; a Major Ligand Size Effect
- José Barluenga, Fernando Aznar, Alfredo Martín, Santiago García-Granda, Miguel A. Salvadó, Pilar Perterra** 319 An Expedient Stereoselective Synthesis of Functionalized Seven-membered Carbocycles by Reaction of 2-Aminobuta-1,3-dienes with Vinylchromium Fischer Type Carbenes
- Alison T. Ung, Roger Bishop, Donald C. Craig, Ian G. Dance, Marcia L. Scudder** 322 Crystal Engineering: Helical Tubuland Diol–Phenol Cocrystals
- B. M. Choudary, G. Vidya Sagar Reddy, K. Koteswara Rao** 323 Vanadium-catalysed Novel Oxidation of Arylacetic Esters for the Synthesis of Arylglyoxylic Esters
- Alejandro J. Arce, Antony J. Deeming, Ysaura De Sanctis, Jorge Manzur** 325 A New Type of Phosphabenzene Coordination
- Masahiro Terada, Satoru Matsukawa, Koichi Mikami** 327 Enantiomerically Pure Compound Synthesis by Asymmetric Glyoxylate–Ene Reaction with Vinylic Sulfides and Selenides catalysed by a Chiral Titanium Complex
- Manfred T. Reetz, Stephan Stanchev** 328 Unprecedented Stereoselectivity in the Addition of Organoiron(II) Reagents to Cyclohexanone Derivatives
- B. Mahipal Reddy, B. Manohar** 330 One-step Synthesis of Adiponitrile by Catalytic Ammoxidation over Antimony–Vanadium Phosphorus Oxide/ γ -Alumina Catalyst
- Keita Hamasaki, Akihiko Ueno, Fujio Toda** 331 A Fluorescent α -Cyclodextrin as a Sensor for Detecting Aliphatic Alcohols by Dual Fluorescence arising from Normal Planar and Twisted Intramolecular Charge Transfer Excited States
- Céline Bossard, Stéphane Rigaut, Didier Astruc, Marie-Hélène Delville, Guy Félix, Annie Février-Bouvier, Jean Amiell, Serge Flandrois, Pierre Delhaès** 333 One-, Two- and Three-electron Reduction of C_{60} using the Electron-reservoir Complex $[\text{Fe}^{\text{I}}(\text{C}_5\text{H}_5)(\text{C}_6\text{Me}_6)]$
- Sergey I. Troyanov, Alexander P. Pisarevsky** 335 Crystal and Molecular Structure of Bismuth(III) 2,2-Dimethylpropanoate

AUTHOR INDEX

- Agati, V., 270
 Agranat, Israel, 213
 Aguirre, Angel, 217
 Akhrem, Irena, 257
 Alanko, Mika, 241
 Aliev, Abil E., 251
 Al-Juaid, Salih S., 267
 Alper, Howard, 316
 Amiell, Jean, 333
 Anderson, Stephen, 266
 Andersson, Fredrik O., 264
 Apperley, David C., 251
 Arce, Alejandro J., 325
 Astruc, Didier, 333
 Aucken, Christopher J., 275
 Aznar, Fernando, 319
 Bagryanskaya, Irina Yu., 298
 Baker, Michael J., 314
 Balboni, Gianfranco, 304
 Ballesteros, Alfredo, 217
 Barluenga, José, 217, 319
 Bartsch, Rainer, 311
 Battersby, Alan R., 275
 Beckmann, Marion, 275
 Beer, Paul D., 229
 Biedermann, P. Ulrich, 213
 Bishop, Roger, 322
 Blake, Alexander J., 260
 Block, Michael H., 275
 Boogaard, Nelleke, 290
 Bossard, Céline, 333
 Braga, Dario, 301
 Bull, James R., 271
 Burlakov, V. M., 220
 Chakrabarti, Pinak, 224
 Chibwe, Malama, 278
 Choudary, B. M., 323
 Cloke, F. Geoffrey N., 248
 Corbin, D. R., 226
 Cox, D. E., 226
 Craig, Donald C., 322
 Dance, Ian G., 322
 D'Angeli, Ferruccio, 304
 Danieli, R., 220
 Davar, Irma, 262
 De Clercq, Pierre J., 294
 de Lange, Ben, 288
 De Sanctis, Ysaura, 325
 de Vries, Erik J., 238
 Decming, Antony J., 325
 Delhaès, Pierre, 333
 Delville, Marie-Hélène, 333
 Denisov, V. N., 220
 Dorsch, John A., 213
 Drain, C. M., 243
 Drew, Michael G. B., 229
 Dube, Michael J., 307
 Dulcère, J. P., 270
 Dyson, Paul J., 301
 Eckhardt, Craig J., 213
 Eichenberger, Eugen, 246
 Faure, R., 270
 Félix, Guy, 333
 Feringa, Ben L., 288
 Février-Bouvier, Annie, 333
 Fischer, Rüdiger, 243
 Flandrois, Serge, 333
 Forward, P. J., 250
 Fu, Xiancai, 253
 Ganesh, Sambasivam, 224
 García-Granda, Santiago, 217, 319
 Garner, Mark, 290
 Gatilov, Yuri V., 298
 Gedanken, Aharon, 262
 Girolami, Gregory S., 284
 Goodman, Joshua L., 215
 Gorman, A. A., 250
 Grayson, David H., 269
 Green, (the late) Michael, 290
 Griesgraber, George, 291
 Grundler, Claudia, 271
 Hamaguchi, Shin-ichi, 305
 Hamasaki, Keita, 331
 Hamblett, I., 250
 Harris, Kenneth D. M., 251
 Hazlewood, Clare, 229
 Heseck, Dusan, 229
 Hikida, Toshihiko, 299
 Hildenbrand, Thomas, 213
 Hill, Anthony F., 266
 Hitchcock, Peter B., 248, 267, 311
 Hodacova, Jana, 229
 Holder, Alan J., 260
 Horak, R. Marthinus, 274
 Hosoda, Yoshikazu, 299
 Hou, Wenhua, 253
 Hriljac, J. A., 226
 Ishihara, Hideharu, 277
 Ishizu, Kazuhiko, 282
 Ito, Takao, 218
 Jager, Wolter F., 288
 James, John P., 231
 Jayakumar, Rajadas, 237
 Johnson, Brian F. G., 301
 Kanda, Takahiro, 277
 Kankarc, Jouko, 241
 Kato, Shinzi, 277
 Kavanagh, Pierce V., 231
 Kawahara, Yasuyuki, 277
 Kellogg, Richard M., 238
 Kelly, John M., 231
 Kitajima, Nobumasa, 310
 Kitazawa, Takafumi, 309
 Kolis, Joseph W., 235
 Kong, Jian-She, 217
 Kool, Eric T., 215
 Kubo, Yuji, 305
 Lambert, Christoph, 255
 Lampard, Christopher, 295
 Leeper, Finian J., 275
 Lehn, Jean-Marie, 243
 Lewis, Jack, 301
 Lewis, Norman, 295
 Lin, Wenbin, 284
 Lukkari, Jukka, 241
 McCamley, Andrew, 248
 Mackman, Richard L., 275
 McMurry, T. Brian H., 231
 Maharaj, Vinesh J., 274
 Maksimov, Alexander M., 298
 Mandal, Asit Baran, 237
 Manohar, B., 330
 Manohar, Basude, 234
 Manzur, Jorge, 325
 Marchetti, Paolo, 304
 Martin, Alfredo, 319
 Maskill, Howard, 294
 Matos, Robson M., 267
 Matsukawa, Satoru, 327
 Matsuoka, Masaru, 299
 Menge, Wiro, 262
 Micklefield, Jason, 275
 Mikami, Koichi, 327
 Miller, Alexey O., 298
 Milstein, David, 318
 Mohajer, Daryoush, 240
 Moro-oka, Yoshihiko, 310
 Murai, Toshiaki, 277
 Murobushi, Katsumi, 299
 Murphy, John A., 295
 Nagaraju, Sankuratri, 285
 Nandi, Malay, 224
 Nath, Asok, 281
 Negri, F., 220
 Neier, Reinhard, 246
 Nichols, Michael, 307
 Niimi, Atsuko, 305
 Niven, Margaret L., 271
 Nixon, John F., 267, 311
 Nolen, Ernest G., 243
 Ochiai, Masahito, 218
 Ohmiya, Shigeru, 297
 Ohsaka, Takeo, 222
 Ohya-Nishiguchi, Hiroaki, 282
 Orlandi, G., 220
 Orlinkov, Alexander, 257
 Plater, M. John, 293
 Pon, Robert A., 264
 Pringle, Paul G., 314
 Pyo, Myoung-ho, 258
 Ramamurthy, V., 226
 Rao, K. Koteswara, 323
 Reddy, B. Mahipal, 330
 Reddy, Benjaram M., 234
 Reddy, G. Vidya Sagar, 323
 Reedijk, Jan, 290
 Rees, Charles W., 293
 Rectz, Manfred T., 328
 Reynolds, John R., 258
 Rigaut, Stéphane, 333
 Roberts, Yvonne V., 260
 Roe, David G., 293
 Rossini, S., 220
 Roy, René, 264
 Roycroft, Edwin D., 269
 Ruani, G., 220
 Rychnovsky, Scott D., 291
 Sabatino, Piera, 301
 Sakurai, Nobuhiro, 297
 Salvadó, Miguel A., 319
 Salvadori, Severo, 304
 Sarkar, Amitabha, 224
 Sathe, Kashinath M., 224
 Scherer, Otto J., 313
 Schleyer, Paul von Ragué, 255
 Schoepfer, Joseph, 246
 Schröder, Martin, 260
 Schulz, Michael, 318
 Scudder, Marcia L., 322
 Sharma, G. Veera Raghava, 285
 Shi, Gaoquan, 253
 Shiro, Motoo, 218
 Singh, Uday P., 310
 Slawin, Alexandra M. Z., 266
 Srikrishna, Adusumilli, 285
 Stanchev, Stephan, 328
 Steels, Ivan, 294
 Stezowski, John J., 213
 Stokes, Sally E., 229
 Suggs, J. William, 307
 Tada, Kohji, 282
 Tajima, Kunihiko, 282
 Takeda, Masuo, 309
 Taliani, C., 220
 Tanaka, Koichiro, 222
 Tanaka, Masako, 310
 Tangestaninejad, Shahram, 240
 Terada, Masahiro, 327
 Toda, Fujio, 331
 Tokita, Sumio, 305
 Tokuda, Koichi, 222
 Tomás, Miguel, 217
 Torroba, Tomás, 293
 Tropper, François D., 264
 Troyanov, Sergey I., 335
 Tukada, Hideyuki, 302
 Ueno, Akihiko, 331
 Ung, Alison T., 322
 Venkateswaran, Ramanathapuram V., 281
 Verkade, J. G., 262
 Vleggaar, Robert, 274
 Vol'pin, Mark, 257
 Vuorinen, Virpi, 241
 Wang, Zhiqin, 232
 Williams, David J., 266
 Wilson, Scott R., 284
 Winter, Rainer, 313
 Wolmershäuser, Gotthelf, 313
 Wood, Paul T., 235
 Wu, Yun-Dong, 255
 Yan, Qijie, 253
 Yasui, Akiko, 282
 Yoshida, Katsuhira, 305
 Yu, Libing, 232
 Zamboni, R., 220
 Zerbetto, F., 220
 Zhou, Jian-Qiang, 316
 Zibarev, Andrey V., 298