

JOURNAL OF THE CHEMICAL SOCIETY

Chemical Communications

Number 2
1992

CONTENTS

- | | | |
|---|-----|--|
| Jyoji Kurita, Takao Iwata, Shuji Yasuike, Takashi Tsuchiya | 81 | A New Route to 1,3-Benzoxazepines and 1,3-Benzodiazepines <i>via</i> Intramolecular Aza-Wittig Reaction |
| Goverdhan Mehta, M. Balaji Viswanath, Munirathinam Nethaji, Kailasam Venkatesan | 82 | A Norbornadiene–Cyclobutadiene Cycloaddition Cascade: Novel Intramolecular $\sigma^2 + \pi^2$ Trapping of a Cyclobutane Ring |
| Ravinder S. Reddy, J. Sudhakar Reddy, Rajiv Kumar, Pradeep Kumar | 84 | Sulfoxidation of Thioethers using Titanium Silicate Molecular Sieve Catalysts |
| David M. Eichhorn, William H. Armstrong | 85 | A Remarkably Stable Mononuclear Manganese(III) Hydroxide Complex: $[L^1Mn^{III}(OH)]$ [$H_2L^1 = \text{bis}(2\text{-hydroxy-5-nitrobenzyliminopropyl)methylamine}$] |
| Yasuhiko Yamamoto, Riichirō Chūjō | 87 | Iron–Histidine Bonding Interaction in Deoxymyoglobin and Deoxyhaemoglobin |
| C. M. Freeman, C. R. A. Catlow | 89 | Structure Predictions in Inorganic Solids |
| Urs Bolle, Wolfgang Tremel | 91 | $[Na(2,2,2\text{-crypt})]_3[Sb_{11}]$, a Salt Containing the Undecaantimonide(3–) Anion |
| Yuzo Nishida, Miyuki Nasu, Tetsuya Akamatsu | 93 | Reaction between Binuclear Iron(III) Compounds and DMPO (5,5-Dimethyl-3,4-dihydropyrrole <i>N</i> -Oxide) |
| J. Cristóbal López, Bert Fraser-Reid | 94 | <i>n</i> -Pentenyl Esters Facilitate an Oxidative Alternative to the Ferrier Rearrangement. An Expedient Route to Sucrose |
| Richard D. Bowen, Andrew D. Wright | 96 | The Mechanism of Alkyl Radical Loss from Ionised Pentenyl Methyl and Hexenyl Methyl Ethers: the Importance of a 1,2-Hydrogen Shift to the Radical Site of a Distonic Ion |
| Stefan H. J. Idziak, Nicholas C. Maliszewskyj, Gavin B. M. Vaughan, Paul A. Heiney, Carlo Mertesdorf, Helmut Ringsdorf, John P. McCauley, Jr., Amos B. Smith, III | 98 | Hexagonal Order in Some Mesophases of Hexacyclen Derivatives |
| Itamar Willner, Sherbel Sussan, Shai Rubin | 100 | Photostimulated Transport of Carboxylate and Phenolate Anions Across a Liquid–Liquid Membrane Using a Photochromic Cationic Copolymer as Carrier |
| Erlund J. Larson, Pamela J. Riggs, James E. Penner-Hahn, Vincent L. Pecoraro | 102 | Protonation of $[Mn^{IV}(\text{saltn})(\mu_2\text{-O})_2]$ Results in Significant Modification of Structure and Catalase-like Reactivity |
| Toshio Ogino, Yoshiko Takahashi, Yoshiko Kobayashi, Kazuyuki Awano, Yoshimasa Fukazawa | 103 | Photochemistry of 5-Phenyltricyclo[5.2.1.0 ^{2,6}]deca-4,8-dien-3-one: Upper Singlet Excited State Involved in Intramolecular [2 + 2] Photocycloaddition and Long-lived Triplet Excited State in Photodimerisation |
| Masaaki Kudoh, Kiyoshi Naruchi, Fumihiko Akutsu, Masatoshi Miura | 105 | Thermal Cross-coupled Dimerisation of Alkali and Alkaline Earth Metal Salts of Methacrylic–Crotonic Acid Binary Systems in the Solid State |
| Kenso Soai, Hiroshi Hori, Masato Kawahara | 106 | Nonlinear Relationship between the Enantioselectivities for Asymmetric Reactions of Monofunctional and Bifunctional Substrates. Synthesis of Practically Optically Pure Diols by the Catalytic Enantioselective Diethylation of Terephthalaldehyde |
| Michael Gill, John Mykytiuk, Steven P. Armes, John L. Edwards, Terry Yeates, Peter J. Moreland, Chris Mollett | 108 | Novel Colloidal Polyaniline–Silica Composites |
| Ingeborg Csöreg, Edwin Weber, Norbert Dörpinghaus | 110 | Host Molecule Design <i>via</i> Lattice Considerations. Crystal Structure of the Inclusion Compound between <i>cis</i> -1,4-Bis(9-phenylfluoren-9-yloxymethyl)-cyclohexane and Dioxane (2 : 1) |
| Richard G. Jones, Robert E. Benfield, R. Harry Cragg, Anthony C. Swain | 112 | A New Insight into the Polymodal Molecular Mass Distributions Arising in the Wurtz Synthesis of Polysilanes |
| Neil M. Boag, Ruhksana Quyoun, K. Mohan Rao | 114 | Nucleophilic Substitution of $[Pt(\eta^5\text{-C}_5\text{Me}_5)(\text{CO})X]$ ($X = \text{Cl, Br}$): Isolation of a Ring-slipped Intermediate |
| Yoshio Okahata, Yasuhito Ebara | 116 | Observation of Phospholipase A ₂ Activity Towards the Hydrolysis of Phospholipid Langmuir–Blodgett Films Deposited on a Quartz-crystal Microbalance |

- Achim Veldkamp, Gernot Frenking 118 Surprisingly High Accuracy of ECP Methods for Predicting Fe–C Bond Dissociation Energies of FeCH_3^+ , FeCH_2^+ and FeCH^+
- Fritz Vögtle, Jochen E. Schulz, Kari Rissanen 120 Extremely Deformed Hydrocarbon Skeleton of a Clamped Biphenylene
- A. Thangaraj, S. Sivasanker 123 An Improved Method for TS-1 Synthesis: ^{29}Si NMR Studies
- Colin J. Schaverien, Nicolaas Meijboom, A. Guy Orpen 124 A New Ligand Environment in Organolanthanoid Chemistry: Sterically Hindered, Chelating Diolato Ligands and the X-Ray Structure of $[\text{La}\{\text{CH}(\text{SiMe}_3)_2\}\{1,1'-(2\text{-OC}_6\text{H}_4\text{Bu}^t\text{-}3,5)_2\}(\text{thf})_3]$ (thf = tetrahydrofuran)
- Wolfgang Tremel 126 The Preparation and Structure of $[\text{Te}_4\text{Nb}_3\text{O}(\text{Te}_2)_2\text{I}_6]\text{I}$ containing a Te_4^{2+} Polycation Coordinated to a Transition Metal Cluster
- Daniel W. Norbeck, Hing L. Sham, Thomas Herrin, William Rosenbrook, Jacob J. Plattner 128 Synthesis of (\pm)-Cycloprop-G, the Cyclopropyl Analogue of the Broad Spectrum Antiviral Agent Cyclobut-G
- Asok K. Mallik, Murari M. Saha, Uttam K. Mallik, Shyamaprasad Goswami, Donald R. McPhail, Andrew T. McPhail 130 Unexpected Synthesis of *trans*-2,3-Dimethoxy-3-(*p*-formylphenylamino)-4'-nitroflavanones
- Michèle Dessolin, Odile Eisenstein, Michel Goffier, Thierry Prangé, Philippe Sautet 132 A Double Ionic Mechanism for the Chapman-like Rearrangement of Iminoethers to *N*-Alkylamides, in the Solid State or in the Melt. Theoretical and Experimental Evidence
- Normand Voyer, Denis Deschênes, Julie Bernier, Johanne Roby 134 Geometrical Recognition Ability of Flexible Bis-crown Ether Peptidic Receptors
- Eiichi Suzuki, Masanari Akiyama, Yoshio Ono 136 Direct Transformation of Silica into Alkoxysilanes by Gas–Solid Reactions
- Francis Blanche, Masahito Kodera, Michel Couder, Finian J. Leeper, Denis Thibaut, Alan R. Battersby 138 Biosynthesis of Vitamin B₁₂: Use of a Single ^{13}C Label in the Macrocycle to Confirm C-11 Methylation in Precorrin-6x
- Denis Thibaut, Fumiyuki Kiuchi, Laurent Debussche, Finian J. Leeper, Francis Blanche, Alan R. Battersby 139 Biosynthesis of Vitamin B₁₂: Structure of the Ester of a New Biosynthetic Intermediate, Precorrin-6y
- Anthony R. Butler, Christopher Glidewell, Sheila M. Glidewell 141 Formation of the Dinuclear Iron–Nitrosyl Complex $[\text{Fe}_2(\text{SMe})_2(\text{NO})_4]$ by Incorporation of SMe Groups from Methionine in Reactions with Iron(II) Salts and Nitrite
- Neil G. Connelly, Till Einig, Gabriel Garcia Herbosa, Philippa M. Hopkins, Carlo Mealli, A. Guy Orpen, Georgina M. Rosair 143 Ligand- and Oxidation State-dependence of Structure in Triazenido-bridged Complexes with Face-to-face and Open-book Dirhodium Cores: MO Studies and the Crystal Structure of $[\text{Rh}_2(\mu\text{-CO})(\text{bipy})(\text{dppm})(\mu\text{-RNNR})_2][\text{PF}_6]_2 \cdot 2\text{CH}_2\text{Cl}_2$ (R = *p*-tolyl)
- Charles W. Spangler, Lawrence Picchiotti, Paul Bryson, Kathleen O. Havelka, Larry R. Dalton 145 Competition Between Polaronic and Bipolaronic Charge States in the Oxidative and Protonic Doping of Model Oligomers of Poly(dialkoxyphenylene vinylene)
- John P. Fackler, Jr., César A. López, Richard J. Staples, Suning Wang, R. E. P. Winpenny, Robert P. Lattimer 146 Self Assembly of Isostructural Copper(I)–Silver(I) Butterfly Clusters with 2-Mercaptothiazoline: Syntheses and Structures of $(\text{PPh}_3)_2\text{Cu}_4(\text{C}_3\text{H}_4\text{NS}_2)_4$, $[(\text{C}_5\text{H}_5\text{N})\text{Cu}_4(\text{C}_3\text{H}_4\text{NS}_2)_4]_n$, $(\text{PPh}_3)_2\text{Ag}_4(\text{C}_3\text{H}_4\text{NS}_2)_4$ and $(\text{PPh}_3)_2\text{Ag}_2\text{Cu}_2(\text{C}_3\text{H}_4\text{NS}_2)_4$
- Michael D. Levi, Elene Yu. Pisarevskaya, Elene B. Molodkina, Alexei I. Danilov 149 A New Method for the Electrochemical Preparation of Highly Crystalline Poly(*p*-phenylene) Films and their Structural Characterisation
- Kazuhiro Sayama, Hironori Arakawa 150 Significant Effect of Carbonate Addition on Stoichiometric Photodecomposition of Liquid Water into Hydrogen and Oxygen from Platinum–Titanium(IV) Oxide Suspension
- Upendra M. Tripathi, Anirudh Singh, Ram C. Mehrotra, Subhash C. Goel, Michael Y. Chiang, William E. Buhro 152 Synthesis, Reactivity and X-Ray Crystallographic Characterization of Chloro-(propan-2-ol)bis(tetraisopropoxoaluminato)praseodymium(III) Dimer, $[\{\text{Pr}[\text{Al}(\text{OPr}^i)_4]_2(\text{Pr}^i\text{OH})(\mu\text{-Cl})\}_2]$
- Paul S. Bates, Ritu Katakya, David Parker 153 A Chiral Sensor Based on a Peroctylated α -Cyclodextrin
- Abdelaziz Jouaiti, Michel Geoffroy, Gustavo Terron, Gérald Bernardinelli 155 Synthesis, Structure and Ligand-centred Reduction of an Orthometallated Complex of Palladium containing Two Phosphaalkene Groups
- Yoshinori Yamamoto, Toshiya Seko, Hiroyuki Nakamura, Hisao Nemoto, Hiroshi Hojo, Naoto Mukai, Yosiyuki Hashimoto 157 Synthesis of Carboranes Containing Nucleoside Bases. Unexpectedly High Cytostatic and Cytocidal Toxicity towards Cancer Cells
- Masahiko Iyoda, Yoshiyuki Kuwatani, Nobuhiko Ueno, Masaji Oda 158 Palladium-catalysed Coupling of Trialkylstannyltetrahydrofulvalenes with Aryl Halides
- Yeunjong Gea, Mark A. Greaney, Catherine L. Coyle, Edward I. Stiefel 160 Analogous Reactivity of MoS_4^{2-} and WSe_4^{2-} : Preparation of $\text{WSe}_2(\text{Bu}^i_3\text{NCS}_2)_3$ by an Induced Internal Redox Reaction
- Jie-Sheng Huang, Chi-Ming Che, Chung-Kwong Poon 161 Synthesis and Spectroscopy of *tert*-Butylimido Complexes of Osmium(VI) and Ruthenium(VI) Porphyrins
- F. Teixidor, G. Sánchez, N. Lucena, Ll. Escriche, R. Kivekäs, J. Casabo 163 Palladium-promoted Benzothiophene Condensation in NS₂ Ligands
- Stephen Horne, Russell Rodrigo 164 Anionic Fries Rearrangements of Esters of *ortho*-Iodobenzyl Alcohols: Rapid Routes to Oestrone Methyl Ether and Its 9 β Epimer, and Aryl Naphthalide Lignans
- Timothy Gallagher, Melvyn Giles, R. Sankara Subramanian, Michael S. Hadley 166 *N*-Substituted Pyrrolidin-3-ones as Heterocyclic Building Blocks. Enantioselective Synthesis of 8-Epi and 1,8,8a-Triepi-castanospermine
- Qisheng Huo, Ruren Xu 168 A New Route for the Synthesis of Molecular Sieves: Crystallization of APO-5 at High Temperature
- Seiichi Takano, Kohei Inomata, Kunio Ogasawara 169 A New Enantiospecific Route to (–)-Kainic Acid *via* the Intramolecular Pauson–Khand Reaction

- Julie Baghdadi, Neil A. Bailey, Adrian S. Dowding, Colin White**
D. Reddeppa Reddy, Edward R. Thornton 170 The First Example of a Cycloocta-1,3-diene Ligand Bound to Rhodium; Crystal Structures of $\text{Rh}(\eta^5\text{-C}_5\text{Ph}_5)\text{L}$ ($\text{L} = 1,3\text{-}$ or $1,5\text{-C}_8\text{H}_{12}$)
- 172 A Very Mild, Catalytic and Versatile Procedure for α -Oxidation of Ketone Silyl Enol Ethers Using (salen)Manganese(III) Complexes; A New, Chiral Complex Giving Asymmetric Induction. A Possible Model for Selective Biochemical Oxidative Reactions Through Enol Formation
- Robert G. Coombes, John H. Ridd** 174 The Mechanism of Nitration by 4-Methyl-4-nitro-2,3,5,6-tetrabromocyclohexa-2,5-dienone
- Klaus Saitmacher, Jochen E. Schulz, Martin Nieger, Fritz Vögtle** 175 The First Out-of-plane Deformed Biphenylene
- Philip J. Bailey, Dario Braga, Paul J. Dyson, Fabrizia Grepioni, Brian F. G. Johnson, Jack Lewis, Piera Sabatino** 177 The Synthesis, Molecular Structure and Interconversion of Two Novel Benzene-coordinated Pentaruthenium-Carbido Cluster Isomers $[\text{Ru}_5\text{C}(\text{CO})_{12}(\mu_3:\eta^2:\eta^2:\eta^2\text{-C}_6\text{H}_6)]$ and $[\text{Ru}_5\text{C}(\text{CO})_{12}(\eta^6\text{-C}_6\text{H}_6)]$
- Patricia M. Stone, Thomas C. Pochapsky, Ernesto Callegari** 178 The Sign of the Nuclear Overhauser Effect as a Function of Temperature in Contact Ion Pairs
- Norikazu Nishino, Ming Xu, Hisakazu Mihara, Tsutomu Fujimoto, Masataka Ohba, Yukio Ueno, Hiromichi Kumagai** 180 Facile Synthesis of Cyclic Peptides containing α -Aminosuberic Acid with Oxime Resin
- Ann R. Schake, Hui-Lien Tsai, Nadine de Vries, Robert J. Webb, Kirsten Foltling, David N. Hendrickson, George Christou** 181 Variation in the Electron Count and Ground State of $[\text{Mn}_{12}\text{O}_{12}(\text{O}_2\text{CR})_{16}(\text{H}_2\text{O})_4]$ ($\text{R} = \text{Me}$ or Ph) by Metal Substitution and Redox Changes: Preparation and Properties of $[\text{Mn}_8\text{Fe}_4\text{O}_{12}(\text{O}_2\text{CMe})_{16}(\text{H}_2\text{O})_4]\cdot 4\text{H}_2\text{O}\cdot 2\text{MeCO}_2\text{H}$ and $[\text{NPr}^n_4][\text{Mn}_{12}\text{O}_{12}(\text{O}_2\text{CPh})_{16}(\text{H}_2\text{O})_4]\cdot \text{H}_2\text{O}$
- Ravindra K. Pandey, Huanghai Zhou, Kevin Gerzevske, Kevin M. Smith** 183 Stepwise Synthesis of 1,19-Dibromo-a,c-biladienes and Their Conversion into Biliverdins, Corroles and Azaporphyrins
- Andrew D. Horton** 185 Unprecedented Isolation of Alk-1-en-3-yn-1-yl Intermediates in the Catalytic Oligomerisation of Alk-1-yne by Cationic Lewis Base-free Zirconocene Complexes
- Keith Smith, Karl B. Fry** 187 Selective Bromination of Alkenes Using Bromine and Zeolite Molecular Sieves
- Valérie Corizzi, Bernard Badet, Marie-Ange Badet-Denisot** 189 Stereoselective Synthesis of the 6-Phosphono Analogue of Fructose-6-phosphate
- Toru Minami, Minoru Nakayama, Kouichi Fujimoto, Shingo Matsuo** 190 A New Approach to Cyclopentane Annulated Compounds *via* 1-(Cyclopent-1-enylcarbonyl)vinylphosphonates
- Yoshiji Takemoto, Taiichi Ohra, Yasuhiro Yonetoku, Takeshi Imanishi, Chuzo Iwata** 192 A Sulfur-assisted Regioselective α -Functionalization of Cyclopropyl Sulfides. Synthetic Applications of Homoallyl Anion Synthons
- Hideo Tomioka, Naoki Ichikawa, Hideki Murata** 193 Photochemical Wittig Reaction of Quasi-phosphonium Ylides
- Manik C. Ghosh, Edwin S. Gould** 195 Carboxy-bound Chromium(IV): a Formal Potential and Estimated Self-exchange Rate for $\text{Cr}^{\text{III,IV}}$ Pertaining to 2-Ethyl-2-hydroxybutanoate Chelates
- Stephen J. Crimp, Gary D. Fallon, Leone Spiccia** 197 Synthesis and X-Ray Structure of a Chromium(III)-Rhodium(III) Heterometallic Hydrolytic Dimer: $[(\text{H}_2\text{O})_4\text{Rh}(\mu\text{-OH})_2\text{Cr}(\text{OH}_2)_4](\text{Me}_3\text{C}_6\text{H}_2\text{SO}_3)_4\cdot 4\text{H}_2\text{O}$
- Venugopal Vijayakrishnan, Asok Kumar Santra, Talappil Pradeep, Ram Seshadri, Rajamani Nagarajan, C. N. Ramachandra Rao** 198 Interaction of Nitrogen and Oxygen with C_{60}
- Jean-Pierre Praly, Carméla Di Stéfano, László Somsák, Gérard Descotes** 200 Sugar Bromoimino Derivatives: New Sugar Derivatives readily prepared from β -D-Glycosyl Azides
- Charlotte F. Lee, Lori K. Myers, Kathleen G. Valentine, Mark E. Thompson** 201 A Solid-state Deuterium NMR Investigation of the Structure of the Ferrocenylethylamine-Zirconium Hydrogen Phosphate Intercalation Compound
- Donald Barr, Andrea J. Dawson, Basil J. Wakefield** 204 A Simple, High-yielding Preparation of Sodium Diisopropylamide and other Sodium Dialkylamides

Spelling of sulfur

The new (1990) edition of IUPAC's *Nomenclature of Inorganic Chemistry* contains a table of IUPAC-approved names 'for use in the English language'. These include 'caesium', 'aluminium' and 'sulfur' (spellings as given here). There is increasing use of the 'f' rather than the 'ph' spelling for sulfur in English publications, in particular, the English language versions of ISO and European Standards, and those British Standards that implement ISO standards verbatim. Furthermore, there is no good etymological basis for preferring the 'ph' spelling. In view of these considerations, the Royal Society of Chemistry's Nomenclature Committee has recently recommended that RSC change to using the 'f' spelling in all of its publications. This recommendation will be implemented for RSC's primary journals in 1992.

AUTHOR INDEX

- Akamatsu, Tetsuya, 93
 Akiyama, Masanari, 136
 Akutsu, Fumihiko, 105
 Arakawa, Hironori, 150
 Armes, Steven P., 108
 Armstrong, William H., 85
 Awano, Kazuyuki, 103
 Badet, Bernard, 189
 Badet-Denisot, Marie-Ange, 189
 Baghdadi, Julie, 170
 Bailey, Neil A., 170
 Bailey, Philip J., 177
 Barr, Donald, 204
 Bates, Paul S., 153
 Battersby, Alan R., 138, 139
 Benfield, Robert E., 112
 Bernardinelli, Gérald, 155
 Bernier, Julie, 134
 Blanche, Francis, 138, 139
 Boag, Neil M., 114
 Bolle, Urs, 91
 Bowen, Richard D., 96
 Braga, Dario, 177
 Bryson, Paul, 145
 Buhro, William E., 152
 Butler, Anthony R., 141
 Callegari, Ernesto, 178
 Casabo, J., 163
 Catlow, C. R. A., 89
 Che, Chi-Ming, 161
 Chiang, Michael Y., 152
 Christou, George, 181
 Chûjô, Riichirô, 87
 Connelly, Neil G., 143
 Coombes, Robert G., 174
 Corizzi, Valérie, 189
 Couder, Michel, 138
 Coyle, Catherine L., 160
 Cragg, R. Harry, 112
 Crimp, Stephen J., 197
 Csöreg, Ingeborg, 110
 Dalton, Larry R., 145
 Danilov, Alexi I., 149
 Dawson, Andrea J., 204
 de Vries, Nadine, 181
 Debussche, Laurent, 139
 Deschênes, Denis, 134
 Descotes, Gérard, 200
 Dessolin, Michèle, 132
 Di Stéfano, Carméla, 200
 Dörpinghaus, Norbert, 110
 Dowding, Adrian S., 170
 Dyson, Paul J., 177
 Ebara, Yasuhito, 116
 Edwards, John L., 108
 Eichhorn, David M., 85
 Einig, Till, 143
 Eisenstein, Odile, 132
 Escriche, Ll., 163
 Fackler, Jr., John P., 146
 Fallon, Gary D., 197
 Folting, Kirsten, 181
 Fraser-Reid, Bert, 94
 Freeman, C. M., 89
 Frenking, Gernot, 118
 Fry, Karl B., 187
 Fujimoto, Kouichi, 190
 Fujimoto, Tsutomu, 180
 Fukazawa, Yoshimasa, 103
 Gallagher, Timothy, 166
 Garcia Herbosa, Gabriel, 143
 Gea, Yeunjong, 160
 Geoffroy, Michel, 155
 Gerzevske, Kevin, 183
 Ghosh, Manik C., 195
 Giles, Melvyn, 166
 Gill, Michael, 108
 Glidewell, Christopher, 141
 Glidewell, Sheila M., 141
 Goel, Subhash C., 152
 Golfier, Michel, 132
 Goswami, Shyamaprasad, 130
 Gould, Edwin S., 195
 Greaney, Mark A., 160
 Grepioni, Fabrizia, 177
 Hadley, Michael S., 166
 Hashimoto, Yosiyuki, 157
 Havelka, Kathleen O., 145
 Heiney, Paul A., 98
 Hendrickson, David N., 181
 Herrin, Thomas, 128
 Hojo, Hiroshi, 157
 Hopkins, Philippa M., 143
 Hori, Hiroshi, 106
 Horne, Stephen, 164
 Horton, Andrew D., 185
 Huang, Jie-Sheng, 161
 Huo, Qisheng, 168
 Ichikawa, Naoki, 193
 Idziak, Stefan H. J., 98
 Imanishi, Takeshi, 192
 Inomata, Kohei, 169
 Iwata, Chuzo, 192
 Iwata, Takao, 81
 Iyoda, Masahiko, 158
 Johnson, Brian F. G., 177
 Jones, Richard G., 112
 Jouaiti, Abdelaziz, 155
 Katakya, Ritu, 153
 Kawahara, Masato, 106
 Kiuchi, Fumiyuki, 139
 Kivckäs, R., 163
 Kobayashi, Yoshiko, 103
 Kodera, Masahito, 138
 Kudoh, Masaaki, 105
 Kumagai, Hiromichi, 180
 Kumar, Pradeep, 84
 Kumar, Rajiv, 84
 Kurita, Jyoji, 81
 Kuwatani, Yoshiyuki, 158
 Larson, Erlund J., 102
 Lattimer, Robert P., 146
 Lee, Charlotte F., 201
 Leeper, Finian J., 138, 139
 Levi, Michael D., 149
 Lewis, Jack, 177
 López, César A., 146
 López, J. Cristóbal, 94
 Lucena, N., 163
 McCauley, Jr., John P., 98
 McPhail, Andrew T., 130
 McPhail, Donald R., 130
 Maliszewskyj, Nicholas C., 98
 Mallik, Asok K., 130
 Mallik, Uttam K., 130
 Matsuo, Shingo, 190
 Mealli, Carlo, 143
 Mehrotra, Ram C., 152
 Mehta, Goverdhan, 82
 Meijboom, Nicolaas, 124
 Mertensdorf, Carlo, 98
 Mihara, Hisakazu, 180
 Minami, Toru, 190
 Miura, Masatoshi, 105
 Mollett, Chris, 108
 Molodkina, Elene B., 149
 Moreland, Peter J., 108
 Mukai, Naoto, 157
 Murata, Hideki, 193
 Myers, Lori K., 201
 Mykytiuk, John, 108
 Nagarajan, Rajamani, 198
 Nakamura, Hiroyuki, 157
 Nakayama, Minoru, 190
 Naruchi, Kiyoshi, 105
 Nasu, Miyuki, 93
 Nemoto, Hisao, 157
 Nethaji, Munirathinam, 82
 Nieger, Martin, 175
 Nishida, Yuzo, 93
 Nishino, Norikazu, 180
 Norbeck, Daniel W., 128
 Oda, Masaji, 158
 Ogasawara, Kunio, 169
 Ogino, Toshio, 103
 Ohba, Masataka, 180
 Ohra, Taiichi, 192
 Okahata, Yoshio, 116
 Ono, Yoshio, 136
 Orpen, A. Guy, 124, 143
 Pandey, Ravindra K., 183
 Parker, David, 153
 Pecoraro, Vincent L., 102
 Penner-Hahn, James E., 102
 Picchiotti, Lawrence, 145
 Pisarevskaya, Elene Yu., 149
 Plattner, Jacob J., 128
 Pochapsky, Thomas C., 178
 Poon, Chung-Kwong, 161
 Pradeep, Talappil, 198
 Praly, Jean-Pierre, 200
 Prangé, Thierry, 132
 Quyoum, Ruhksana, 114
 Rao, C. N. Ramachandra, 198
 Rao, K. Mohan, 114
 Reddy, D. Reddeppa, 172
 Reddy, J. Sudhakar, 84
 Reddy, Ravinder S., 84
 Ridd, John H., 174
 Riggs, Pamela J., 102
 Ringsdorf, Helmut, 98
 Rissanen, Kari, 120
 Roby, Johanne, 134
 Rodrigo, Russell, 164
 Rosair, Georgina M., 143
 Rosenbrook, William, 128
 Rubin, Shai, 100
 Sabatino, Piera, 177
 Saha, Murari M., 130
 Saitmacher, Klaus, 175
 Sánchez, Gl., 163
 Santra, Asok Kumar, 198
 Sautet, Philippe, 132
 Sayama, Kazuhiro, 150
 Schake, Ann R., 181
 Schaverien, Colin J., 124
 Schulz, Jochen E., 120, 175
 Seko, Toshiya, 157
 Seshadri, Ram, 198
 Sham, Hing L., 128
 Singh, Anirudh, 152
 Sivasanker, S., 123
 Smith, III, Amos B., 98
 Smith, Keith, 187
 Smith, Kevin M., 183
 Soai, Kenso, 106
 Somsák, László, 200
 Spangler, Charles W., 145
 Spiccia, Leone, 197
 Staples, Richard J., 146
 Stiefel, Edward I., 160
 Stone, Patricia M., 178
 Subramanian, R. Sankara, 166
 Sussan, Sbercl, 100
 Suzuki, Eiichi, 136
 Swain, Anthony C., 112
 Takahashi, Yoshiko, 103
 Takano, Seiichi, 169
 Takemoto, Yoshiji, 192
 Teixidor, F., 163
 Terron, Gustavo, 155
 Thangaraj, A., 123
 Thibaut, Denis, 138, 139
 Thompson, Mark E., 201
 Thornton, Edward R., 172
 Tomioka, Hideo, 193
 Tremel, Wolfgang, 91, 126
 Tripathi, Upendra M., 152
 Tsai, Hui-Lien, 181
 Tsuchiya, Takashi, 81
 Ueno, Nobuhiko, 158
 Ueno, Yukio, 180
 Valentine, Kathleen G., 201
 Vaughan, Gavin B. M., 98
 Veldkamp, Achim, 118
 Venkatesan, Kailasam, 82
 Vijaykrishnan, Venugopal, 198
 Viswanath, M. Balaji, 82
 Vögtle, Fritz, 120, 175
 Voyer, Normand, 134
 Wakefield, Basil J., 204
 Wang, Suning, 146
 Webb, Robert J., 181
 Weber, Edwin, 110
 White, Colin, 170
 Willner, Itamar, 100
 Winpenny, R. E. P., 146
 Wright, Andrew D., 96
 Xu, Ming, 180
 Xu, Ruren, 168
 Yamamoto, Yasuhiko, 87
 Yamamoto, Yoshinori, 157
 Yasuike, Shuji, 81
 Ycates, Terry, 108
 Yonetoku, Yasuhiro, 192
 Zhou, Huanghai, 183