

Additions and Corrections

Volume 7, 1974

Jay K. Kochi: Electron-Transfer Mechanisms for Organometallic Intermediates in Catalytic Reactions.

Page 356. In column 2, line 20 should read as follows:

metal. Electron-transfer contributions, however, may

Author Index to Volume 7, 1974

- Andrews, G. C.** See Evans, D. A., 147
Ashby, E. C., Laemmle, J., and Neumann, H. M. The Mechanisms of Grignard Reagent Addition to Ketones 272
Bernstein, R. B. See Levine, R. D., 393
Bindra, J. S. See Wenkert, E., 46
Bolton, J. R. See Warden, J. T., 189
Brady, G. W. On the Aggregation of Dissolved Alkane Chain Molecules 174
Brauman, J. I. See Stephenson, L. M., Jr., 65
Brook, A. G. Some Molecular Rearrangements of Organosilicon Compounds 77
Brown, T. L. Cobalt-59 Nuclear Quadrupole Resonance Spectroscopy 408
Buckingham, A. D., and Stiles, P. J. On the Theory of Natural Optical Activity 258
Bumgardner, C. L., and Lawton, E. L. Photodifluorination and Atomic Fluorine Reactions 14
Bunker, D. L. Simple Kinetic Models from Arrhenius to the Computer 195
Burlingame, A. L. See Derrick, P. J., 328
Cargill, R. L., Jackson, T. E., Peet, N. P., and Pond, D. M. Acid-Catalyzed Rearrangements of β,γ -Unsaturated Ketones 106
Carrington, T. The Geometry of Intersecting Potential Surfaces 20
Caubere, P. Applications of Sodamide-Containing "Complex Bases" in Organic Synthesis 301
Chandler, D. Equilibrium Structure and Molecular Motion in Liquids 246
Chang, C.-J. See Wenkert, E., 46
Cochran, D. W. See Wenkert, E., 46
Conn, S. A. See Marshall, J. L., 333
Davidson, P. J., Lappert, M. F., and Pearce, R. Stable Homoleptic Metal Alkyls 209
DeArmond, M. K. Relaxation of Excited States in Transition-Metal Complexes 309
de la Mare, P. B. D. Pathways in Electrophilic Aromatic Substitution. Cyclohexadienes and Related Compounds as Intermediates in Halogenation 361
Derrick, P. J., and Burlingame, A. L. Kinetics and Mechanisms of Unimolecular Gas-Phase Reactions of Radical Cations at Times of 10^{-11} to 10^{-5} Sec Following Field Ionization 328
Dolphin, D., and Felton, R. H. The Biochemical Significance of Porphyrin π Cation Radicals 26
Eckert, C. A. See McCabe, J. R., 251
Evans, D. A., and Andrews, G. C. Allylic Sulfoxides: Useful Intermediates in Organic Synthesis 147
Feeney, R. E. See Means, G. E., 315
Felton, R. H. See Dolphin, D., 26
Frazer, J. W. Automated Chemical Instrumentation of the Future 141
Fruton, J. S. The Active Site of Pepsin 241
Garito, A. F., and Heeger, A. J. The Design and Synthesis of Organic Metals 232
Gimarc, B. M. Applications of Qualitative Molecular Orbital Theory 384
Ginsburg, D. Propellanes as Stereochemical Models 286
Harrison, J. F. The Structure of Methylene 378
Hayon, E., and Simic, M. Acid-Base Properties of Free Radicals in Solution 114
Heeger, A. J. See Garito, A. F., 232
Hutchinson, D. A. See Wan, J. K. S., 58
Ihrig, A. M. See Marshall, J. L., 333
Ikehara, M. Synthesis of Ribooligonucleotides Having Sequences of Transfer Ribonucleic Acids 92
Jackson, T. E. See Cargill, R. L., 106
Jones, M., Jr. Gas-Phase Carbene Reactions 415
Jordan, P. C. On the Interpretation of the Optical Spectra of Hexahalogen Complexes of 4d and 5d Transition Metal Ions 202
Kato, T. Recent Synthetic Studies Using Diketene 265
Kearns, D. R., and Shulman, R. G. High-Resolution Nuclear Magnetic Resonance Studies of the Structure of Transfer Ribonucleic Acid and Other Polynucleotides in Solution 33
Klotz, I. M. Protein Interactions with Small Molecules 162
Knox, S. A. R., and Stone, F. G. A. Approaches to the Synthesis of Pentalene *via* Metal Complexes 321
Kochi, J. K. Electron-Transfer Mechanisms for Organometallic Intermediates in Catalytic Reactions 351
Laemmle, J. See Ashby, E. C., 272
Lappert, M. F. See Davidson, P. J., 209
Lawton, E. L. See Bumgardner, C. L., 14
Lechtken, P. See Turro, N. J., 97
Levine, R. D., and Bernstein, R. B. Energy Disposal and Energy Consumption in Elementary Chemical Reactions: the Information Theoretic Approach 393
Lohrmann, R. See Orgel, L. E., 368
Mark, J. E. The Use of Dipole Moments to Characterize Configurations of Chain Molecules 218
Marshall, J. L., Miller, D. E., Conn, S. A., Seiwel, R., and Ihrig, A. M. Long-Range Carbon-Proton and Carbon-Carbon Spin-Spin Coupling Constants 333
Martin, M. M. Biochemical Ecology of the Attine Ants 1
McCabe, J. R., and Eckert, C. A. The Role of High-Pressure Kinetics in Studies of the Transition States of Diels-Alder Reactions 251
McClain, W. M. Two-Photon Molecular Spectroscopy 129
McHarris, W. C. Simple (Particle-Excitation) Nuclear Isomers and What They Can Teach Us 401
McIver, J. W., Jr. The Structure of Transition States: Are They Symmetric? 72
McMurry, J. E. Organic Chemistry of Low-Valent Titanium 281
Means, G. E., Ryan, D. S., and Feeney, R. E. Protein Inhibitors of Proteolytic Enzymes 315
Miller, D. E. See Marshall, J. L., 333
Moss, R. A. Some Chemistry of Alkanediazotates 421
Neumann, H. M. See Ashby, E. C., 272
Orgel, L. E., and Lohrmann, R. Prebiotic Chemistry and Nucleic Acid Replication 368
Ostfeld, D., and Tsutsui, N. Novel Metalloporphyrins—Syntheses and Implications 52
Pearce, R. See Davidson, P. J., 209
Peet, N. P. See Cargill, R. L., 106
Phillips, L. F. Mercury-Sensitized Luminescence 135
Pines, H. Base-Catalyzed Carbon-Carbon Addition of Hydrocarbons and of Related Compounds 155