

Author Index Volumes 101–147

Contents of Vols. 50–100 see Vol. 100

Author and Subject Index Vols. 26–50 see Vol. 50

The volume numbers are printed in italics

- Alekseev, N. V., see Tandura, St. N.: *131*, 99–189 (1985).
- Alpatova, N. M., Krishtalik, L. I., Pleskov, Y. V.: *Electrochemistry of Solvated Electrons*, *138*, 149–220 (1986).
- Amemiya, Y., Satow, Y., Matsushita, T., Chikawa, J., Wakabayashi, K., and Miyahara, J.: *A Storage Phosphor Detector (Imaging Plate) and Its Application to Diffraction Studies Using Synchrotron Radiation*, *147*, 121–144 (1988).
- Anders, A.: *Laser Spectroscopy of Biomolecules*, *126*, 23–49 (1984).
- Armanino, C., see Forina, M.: *141*, 91–143 (1987).
- Asami, M., see Mukaiyama, T.: *127*, 133–167 (1985).
- Ashe, III, A. J.: *The Group 5 Heterobenzenes Arsabenzene, Stibabenzene and Bismabenzene*, *105*, 125–156 (1982).
- Austel, V.: *Features and Problems of Practical Drug Design*, *114*, 7–19 (1983).
- Badertscher, M., Welti, M., Portmann, P., and Pretsch, E.: *Calculation of Interaction Energies in Host-Guest Systems*, *136*, 17–80 (1986).
- Baird, M. S.: *Functionalised Cyclopropenes as Synthetic Intermediates*, *144*, 137–209 (1987).
- Balaban, A. T., Motoc, I., Bonchev, D., and Mekenyan, O.: *Topological Indices for Structure-Activity Correlations*, *114*, 21–55 (1983).
- Baldwin, J. E., and Perlmutter, P.: *Bridged, Capped and Fenced Porphyrins*, *121*, 181–220 (1984).
- Barkhash, V. A.: *Contemporary Problems in Carbonium Ion Chemistry I*, *116/117*, 1–265 (1984).
- Barthel, J., Gores, H.-J., Schmeer, G., and Wachter, R.: *Non-Aqueous Electrolyte Solutions in Chemistry and Modern Technology*, *11*, 33–144 (1983).
- Barron, L. D., and Vrbancich, J.: *Natural Vibrational Raman Optical Activity*, *123*, 151–182 (1984).
- Bartels, K. S., Weber, G., Weinstein, S., Wittmann, H.-G., and Yonath, A.: *Synchrotron Light on Ribosomes: The Development of Crystallographic Studies of Bacterial Ribosomal Particles*, *147*, 57–72 (1988).
- Bazin, D., Dexpert, H., and Lagarde, P.: *Characterization of Heterogeneous Catalysts: The EXAFS Tool*, *145*, 69–80 (1987).
- Beckhaus, H.-D., see Rüchardt, Ch., *130*, 1–22 (1985).
- Benfatto, M., see Bianconi, A.: *145*, 29–67 (1987).
- Bestmann, H. J., Vostrowsky, O.: *Selected Topics of the Wittig Reaction in the Synthesis of Natural Products*, *109*, 85–163 (1983).
- Beyer, A., Karpfen, A., and Schuster, P.: *Energy Surfaces of Hydrogen-Bonded Complexes in the Vapor Phase*, *120*, 1–40 (1984).
- Bianconi, A., Garcia, J., and Benfatto, M.: *XANES in Condensed Systems*, *145*, 29–67 (1987).
- Binger, P., and Büch, H. M.: *Cyclopropenes and Methylene-cyclopropanes as Multifunctional Reagents in Transition Metal Catalyzed Reactions*, *135*, 77–151 (1986).
- Boche, G.: *Rearrangements of "Carbanions"*, *146*, 1–56 (1988).
- Böhrer, I. M.: *Evaluation Systems in Quantitative Thin-Layer Chromatography*, *126*, 95–188 (1984).
- Boekelheide, V.: *Syntheses and Properties of the [2_n] Cyclophanes*, *113*, 87–143 (1983).
- Bonchev, D., see Balaban, A. T., *114*, 21–55 (1983).
- Borgstedt, H. U.: *Chemical Reactions in Alkali Metals*, *134*, 125–156 (1986).

Author Index Volumes 101-147

- Bourdin, E., see Fauchais, P.: *107*, 59-183 (1983).
Büch, H. M., see Binger, P.: *135*, 77-151 (1986).
- Calabrese, G. S., and O'Connell, K. M.: *Medical Applications of Electrochemical Sensors and Techniques*. *143*, 49-78 (1987).
Cammann, K.: *Ion-Selective Bulk Membranes as Models*. *128*, 219-258 (1985).
Chandesris, D., Roubin, P., and Rossi, G.: *Structure, Dynamics and Growth Mechanisms of Metal-Metal and Metal-Semiconductor Interfaces by Means of SEXAFS*. *147*, 95-119 (1988).
Charton, M., and Motoc, I.: *Introduction*, *114*, 1-6 (1983).
Charton, M.: *The Upsilon Steric Parameter Definition and Determination*. *114*, 57-91 (1983).
Charton, M.: *Volume and Bulk Parameters*, *114*, 107-118 (1983).
Chikawa, J., see Amemiya, Y.: *147*, 121-144 (1988).
Chivers, T., and Oakley, R. T.: *Sulfur-Nitrogen Anions and Related Compounds*. *102*, 117-147 (1982).
Christoph, B., see Gasteiger, J.: *137*, 19-73 (1986).
Clement, R., see Michalowicz, A.: *145*, 107-149 (1987).
Collard-Motte, J., and Janousek, Z.: *Synthesis of Ynamines*, *130*, 89-131 (1985).
Consiglio, G., and Pino, P.: *Asymmetrie Hydroformylation*. *105*, 77-124 (1982).
Coudert, J. F., see Fauchais, P.: *107*, 59-183 (1983).
Cox, G. S., see Turro, N. J.: *129*, 57-97 (1985).
Czochralska, B., Wrona, M., and Shugar, D.: *Electrochemically Reduced Photoreversible Products of Pyrimidine and Purine Analogues*. *130*, 133-181 (1985).
- Dexpert, H., see Bazin, D.: *145*, 69-80 (1987).
Dhillon, R. S., see Suzuki, A.: *130*, 23-88 (1985).
Dimroth, K.: *Arylated Phenols, Aroxyl Radicals and Aryloxonium Ions Syntheses and Properties*. *129*, 99-172 (1985).
Dyke, Th. R.: *Microwave and Radiofrequency Spectra of Hydrogen Bonded Complexes in the Vapor Phase*. *120*, 85-113 (1984).
- Ebel, S.: *Evaluation and Calibration in Quantitative Thin-Layer Chromatography*. *126*, 71-94 (1984).
Ebert, T.: *Solvation and Ordered Structure in Colloidal Systems*. *128*, 1-36 (1985).
Edmondson, D. E., and Tollin, G.: *Semiquinone Formation in Flavo- and Metalloflavoproteins*. *108*, 109-138 (1983).
Eliel, E. L.: *Prostereoisomerism (Prochirality)*. *105*, 1-76 (1982).
Emmel, H. W., see Melcher, R. G.: *134*, 59-123 (1986).
Endo, T.: *The Role of Molecular Shape Similarity in Specific Molecular Recognition*. *128*, 91-111 (1985).
- Fauchais, P., Bordin, E., Coudert, F., and MacPherson, R.: *High Pressure Plasmas and Their Application to Ceramic Technology*. *107*, 59-183 (1983).
Forina, M., Lanteri, S., and Armanino, C.: *Chemometrics in Food Chemistry*. *141*, 91-143 (1987).
Fox, M. A.: *Selective Formation of Organic Compounds by Photoelectrosynthesis at Semiconductor Particles*. *142*, 71-99 (1987).
Franke, J., and Vögtle, F.: *Complexation of Organic Molecules in Water Solution*. *132*, 135-170 (1986).
Fujita, T., and Iwamura, H.: *Applications of Various Steric Constants to Quantitative Analysis of Structure-Activity Relationship*. *114*, 119-157 (1983).
Fujita, T., see Nishioka, T.: *128*, 61-89 (1985).
- Galy, J., see Mosset, A.: *145*, 1-28 (1987).
Gann, L.: see Gasteiger, J.: *137*, 19-73 (1986).
Gardiner, P. H. E.: *Species Identification for Trace Inorganic Elements in Biological Materials*. *141*, 145-174 (1987).
Gasteiger, J., Hutchings, M. G., Christoph, B., Gann, L., Hiller, C., Löw, P., Marsili, M., Saller, H., Yuki, K.: *A New Treatment of Chemical Reactivity: Development of EROS, an System for Reaction Prediction and Synthesis Design*. *137*, 19-73 (1986).

- Gärtner, A., and Weser, U.: Molecular and Functional Aspects of Superoxide Dismutases. *132*, 1-61 (1986).
- Garcia, J., see Bianconi, A.: *145*, 29-67 (1987).
- Gerdil, R.: Tri-o-Thymotide Clathrates, *140*, 71-105 (1987).
- Gerson, F.: Radical Ions of Phases as Studied by ESR and ENDOR Spectroscopy. *115*, 57-105 (1983).
- Gielen, M.: Chirality, Static and Dynamic Stereochemistry of Organotin Compounds. *104*, 57-105 (1982).
- Ginsburg, D.: Of Propellanes — and Of Spirans, *137*, 1-17 (1986).
- Glover, I. D., Helliwell, J. R., and Papiz, M. Z.: Protein Single Crystal Diffraction. *147*, 31-55 (1988).
- Goody, R. S., see Poole, K. J. V.: *147*, 1-29 (1988).
- Gores, H.-J., see Barthel, J.: *111*, 33-144 (1983).
- Green, R. B.: Laser-Enhanced Ionization Spectroscopy. *126*, 1-22 (1984).
- Groeseneken, D. R., see Lontie, D. R.: *108*, 1-33 (1983).
- Gurel, O., and Gurel, D.: Types of Oscillations in Chemical Reactions. *118*, 1-73 (1983).
- Gurel, D., and Gurel, O.: Recent Developments in Chemical Oscillations. *118*, 75-117 (1983).
- Gutsche, C. D.: The Calixarenes. *123*, 1-47 (1984).
- Hasnain, S. S.: Application of EXAFS to Biochemical Systems. *147*, 73-93 (1988).
- Heilbronner, E., and Yang, Z.: The Electronic Structure of Cyclophanes as Suggested by their Photoelectron Spectra. *115*, 1-55 (1983).
- Heineman, W. R., see Lunte, C. E.: *143*, 1-48 (1987).
- Heller, G.: A Survey of Structural Types of Borates and Polyborates. *131*, 39-98 (1985).
- Helliwell, J. R., see Glover, I. D.: *147*, 31-55 (1988).
- Hellwinkel, D.: Penta- and Hexaorganyl Derivatives of the Main Group Elements. *109*, 1-63 (1983).
- Henglein, A.: Mechanism of Reactions on Colloidal Microelectrodes and Size Quantization Effects. *143*, 113-180 (1987).
- Herbst, E.: see Winnewisser, G.: *139*, 119-172 (1986).
- Herbstein, F. H.: Structural Parsimony and Structural Variety Among Inclusion Complexes, *140*, 107-139 (1987).
- Hess, P.: Resonant Photoacoustic Spectroscopy. *111*, 1-32 (1983).
- Heumann, K. G.: Isotopic Separation in Systems with Crown Ethers and Cryptands. *127*, 77-132 (1985).
- Heuvel van den E. J., see Smit, H. C.: *141*, 63-89 (1987).
- Hilgenfeld, R., and Saenger, W.: Structural Chemistry of Natural and Synthetic Ionophores and their Complexes with Cations. *101*, 3-82 (1982).
- Hiller, C.: see Gasteiger, J., *137*, 19-73 (1986).
- Holloway, J. H., see Selig, H.: *124*, 33-90 (1984).
- Hutchings, M. G.: see Gasteiger, J., 19-73 (1986).
- Iwamura, H., see Fujita, T.: *114*, 119-157 (1983).
- Janousek, Z., see Collard-Motte, J.: *130*, 89-131 (1985).
- Jørgensen, Ch. K.: The Problems for the Two-electron Bond in Inorganic Compounds. *124*, 1-31 (1984).
- Jurczak, J., and Pietraszkiewicz, M.: High-Pressure Synthesis of Cryptands and Complexing Behaviour of Chiral Cryptands. *130*, 183-204 (1985).
- Kaden, Th. A.: Syntheses and Metal Complexes of Aza-Macrocycles with Pendant Arms having Additional Ligating Groups. *121*, 157-179 (1984).
- Kanaoka, Y., see Tanizawa, K.: *136*, 81-107 (1986).
- Karpen, A., see Beyer, A.: *120*, 1-40 (1984).
- Káš, J., Rauch, P.: Labeled Proteins. Their Preparation and Application. *112*, 163-230 (1983).
- Kateman, G.: Chemometrics — Sampling Strategies. *141*, 43-62 (1987).
- Kaupp, G.: Complex Eliminations; Eliminations with Rearrangements. *146*, 57-98 (1988).
- Keat, R.: Phosphorus(III)-Nitrogen Ring Compounds. *102*, 89-116 (1982).
- Keller, H. J., and Soos, Z. G.: Solid Charge-Transfer Complexes of Phenazines. *127*, 169-216 (1985).

- Kellogg, R. M.: Bioorganic Modelling — Stereoselective Reactions with Chiral Neutral Ligand Complexes as Model Systems for Enzyme Catalysis. *101*, 111–145 (1982).
- Kimura, E.: Macrocyclic Polyamines as Biological Cation and Anion Complexones — An Application to Calculi Dissolution. *128*, 113–141 (1985).
- Kniep, R., and Rabenau, A.: Subhalides of Tellurium. *111*, 145–192 (1983).
- Kobayashi, Y., and Kumadaki, I.: Valence-Bond Isomer of Aromatic Compounds. *123*, 103–150 (1984).
- Koglin, E., and Séquaris, J.-M.: Surface Enhanced Raman Scattering of Biomolecules. *134*, 1–57 (1986).
- Koptyug, V. A.: Contemporary Problems in Carbonium Ion Chemistry III Arenium Ions — Structure and Reactivity. *122*, 1–245 (1984).
- Kosower, E. M.: Stable Pyridinyl Radicals. *112*, 117–162 (1983).
- Krebs, S., Wilke, J.: Angle Strained Cycloalkynes. *109*, 189–233 (1983).
- Krief, A.: Synthesis and Synthetic Applications of 1-Metallo-1-Selenocyclopropanes and -cyclobutanes and Related 1-Metallo-1-silyl-cyclopropanes. *135*, 1–75 (1986).
- Krishtalik, L. I.: see Alpatova, N. M.: *138*, 149–220 (1986).
- Kumadaki, I., see Kobayashi, Y.: *123*, 103–150 (1984).
- Laarhoven, W. H., and Prinsen, W. J. C.: Carbohelicenes and Heterohelicenes. *125*, 63–129 (1984).
- Labarre, J.-F.: Up to-date Improvements in Inorganic Ring Systems as Anticancer Agents. *102*, 1–87 (1982).
- Labarre, J.-F.: Natural Polyamines-Linked Cyclophosphazenes. Attempts at the Production of More Selective Antitumorals. *129*, 173–260 (1985).
- Lagarde, P., see Bazin, D.: *145*, 69–80 (1987).
- Laggner, P.: X-Ray Studies on Biological Membranes Using Synchrotron Radiation, *145*, 173–202 (1987).
- Laitinen, R., see Steudel, R.: *102*, 177–197 (1982).
- Landini, S., see Montanari, F.: *101*, 111–145 (1982).
- Lanteri, S., see Forina, M.: *141*, 91–143 (1987).
- Lau, K.-L., see Wong, N. C.: *133*, 83–157 (1986).
- Lavrent'yev, V. I., see Voronkov, M. G.: *102*, 199–236 (1982).
- Lontie, R. A., and Groeseneken, D. R.: Recent Developments with Copper Proteins. *108*, 1–33 (1983).
- Löw, P.: see Gasteiger, J., *137*, 19–73 (1986).
- Lunte, C. E., and Heineman, W. R.: Electrochemical Techniques in Bioanalysis. *143*, 1–48 (1987).
- Lynch, R. E.: The Metabolism of Superoxide Anion and Its Progeny in Blood Cells. *108*, 35–70 (1983).
- Maas, G.: Transition-metal Catalyzed Decomposition of Aliphatic Diazo Compounds — New Results and Applications in Organic Synthesis, *137*, 75–253 (1986).
- McPherson, R., see Fauchais, P.: *107*, 59–183 (1983).
- Maercker, A., Theis, M.: Some Aspects of the Chemistry of Polyolithiated Aliphatic Hydrocarbons, *138*, 1–61 (1986).
- Maéda, Y., see Poole, K. J. V.: *147*, 1–29 (1988).
- Majestic, V. K., see Newkome, G. R.: *106*, 79–118 (1982).
- Mak, T. C. W., and Wong, H. N. C.: Inclusion Properties of Tetraphenylene and Synthesis of Its Derivatives, *140*, 141–164 (1987).
- Mali, R. S.: see Narasimhan, N. S.: *138*, 63–147 (1986).
- Manabe, O., see Shinkai, S.: *121*, 67–104 (1984).
- Margaretha, P.: Preparative Organic Photochemistry. *103*, 1–89 (1982).
- Marsili, M.: see Gasteiger, J., *137*, 19–73 (1986).
- Martens, J.: Asymmetric Syntheses with Amino Acids. *125*, 165–246 (1984).
- Masimov, E., see Zaslavsky, B.: *146*, 171–202 (1988).
- Miyahara, J., see Amemiya, Y.: *147*, 121–144 (1988).
- Mathey, Y., see Michalowicz, A.: *145*, 107–149 (1987).
- Matsui, Y., Nishioka, T., and Fujita, T.: Quantitative Structure-Reactivity Analysis of the Inclusion Mechanism by Cyclodextrins. *128*, 61–89 (1985).
- Masujima, T.: Photoacoustic X-ray Absorption Spectroscopy. *147*, 145–157 (1988).
- Matzanke, B. F., see Raymond, K. N.: *123*, 49–102 (1984).

- Mekenyan, O., see Balaban, A. T.: *114*, 21-55 (1983).
- Melcher, R. G., Peter, Th. L., and Emmel, H. W.: Sampling and Sample Preparation of Environmental Material. *134*, 59-123 (1986).
- Memming, R.: Photoelectrochemical Solar Energy Conversion. *143*, 79-112 (1987).
- Menger, F. M.: Chemistry of Multi-Armed Organic Compounds. *136*, 1-15 (1986).
- Meurer, K. P., and Vögtle, F.: Helical Molecules in Organic Chemistry. *127*, 1-76 (1985).
- Michalowicz, A., Verdaguer, M., Mathey, Y., and Clement, R.: Order and Disorder in Low Dimensional Materials: Beyond the First Coordination Sphere with E.X.A.F.S., *145*, 107-149 (1987).
- Matsushita, T., see Amemiya, Y.: *147*, 121-144 (1988).
- Montanari, F., Landini, D., and Rolla, F.: Phase-Transfer Catalyzed Reactions. *101*, 149-200 (1982).
- Mosset, A., and Galy, J.: X-Ray Synchrotron Radiation and Inorganic Structural Chemistry, *145*, 1-28 (1987).
- Motoc, I., see Charton, M.: *114*, 1-6 (1983).
- Motoc, I., see Balaban, A. T.: *114*, 21-55 (1983).
- Motoc, I.: Molecular Shape Descriptors. *114*, 93-105 (1983).
- Müller, F.: The Flavin Redox-System and Its Biological Function. *108*, 71-107 (1983).
- Müller, G., see Raymond, K. N.: *123*, 49-102 (1984).
- Müller, W. H., see Vögtle, F.: *125*, 131-164 (1984).
- Mukaiyama, T., and Asami, A.: Chiral Pyrrolidine Diamines as Efficient Ligands in Asymmetric Synthesis. *127*, 133-167 (1985).
- Mullie, F. and Reisse, J.: Organic Matter in Carbonaceous Chondrites, *139*, 83-117 (1986).
- Murakami, Y.: Functionalized Cyclophanes as Catalysts and Enzyme Models. *115*, 103-151 (1983).
- Mutter, M., and Pillai, V. N. R.: New Perspectives in Polymer-Supported Peptide Synthesis. *106*, 119-175 (1982).
- Naemura, K., see Nakazaki, M.: *125*, 1-25 (1984).
- Nakashima, T.: Metabolism of Proteinoid Microspheres, *139*, 57-81 (1986).
- Nakatsuji, Y., see Okahara, M.: *128*, 37-59 (1985).
- Nakazaki, M., Yamamoto, K., and Naemura, K.: Stereochemistry of Twisted Double Bond Systems, *125*, 1-25 (1984).
- Narasimhan, N. S., Mali, R. S.: Heteroatom Directed Aromatic Lithiation Reactions for the Synthesis of Condensed Heterocyclic Compounds, *138*, 63-147 (1986).
- Newkome, G. R., and Majestic, V. K.: Pyridinophanes, Pyridinocrowns, and Pyridinocryptands. *106*, 79-118 (1982).
- Niederzizu, K., and Trofimenko, S.: Pyrazole Derivatives of Boron. *131*, 1-37 (1985).
- Nishide, H., see Tsuchida, E.: *132*, 63-99 (1986).
- Nishioka, T., see Matsui, Y.: *128*, 61-89 (1985).
- Oakley, R. T., see Chivers, T.: *102*, 117-147 (1982).
- O'Connell, K. M., see Calabrese, G. S.: *143*, 49-78 (1987).
- Ogino, K., see Tagaki, W.: *128*, 143-174 (1985).
- Okahara, M., and Nakatsuji, Y.: Active Transport of Ions Using Synthetic Ionophores Derived from Cyclic and Noncyclic Polyoxyethylene Compounds. *128*, 37-59 (1985).
- Paczkowski, M. A., see Turro, N. J.: *129*, 57-97 (1985).
- Painter, R., and Pressman, B. C.: Dynamics Aspects of Ionophore Mediated Membrane Transport. *101*, 84-110 (1982).
- Papiz, M. Z., see Glover, I. D.: *147*, 31-55 (1988).
- Paquette, L. A.: Recent Synthetic Developments in Polyquinane Chemistry. *119*, 1-158 (1984).
- Peters, Th. L., see Melcher, R. G.: *134*, 59-123 (1986).
- Perlmutter, P., see Baldwin, J. E.: *121*, 181-220 (1984).
- Pflug, H. D.: Chemical Fossils in Early Minerals, *139*, 1-55 (1986).
- Pietraszkiewicz, M., see Jurczak, J.: *130*, 183-204 (1985).
- Pillai, V. N. R., see Mutter, M.: *106*, 119-175 (1982).
- Pino, P., see Consiglio, G.: *105*, 77-124 (1982).
- Pleskov, Y. V.: see Alpatova, N. M.: *138*, 149-220 (1986).
- Pommer, H., Thieme, P. C.: Industrial Applications of the Wittig Reaction. *109*, 165-188 (1983).

- Poole, K. J. V., Rapp, G., Maéda, Y., and Goody, R. S.: Synchrotron Radiation Studies on Insect Flight Muscle. *147*, 1-29 (1988).
- Portmann, P., see Badertscher, M.: *136*, 17-80 (1986).
- Pressman, B. C., see Painter, R.: *101*, 84-110 (1982).
- Pretsch, E., see Badertscher, M.: *136*, 17-80 (1986).
- Prinsen, W. J. C., see Laarhoven, W. H.: *125*, 63-129 (1984).
- Rabenau, A., see Kniep, R.: *111*, 145-192 (1983).
- Rabinovitz, M.: Polycyclic Anions: From Doubly to Highly Charged π -Conjugated Systems. *146*, 99-170 (1988).
- Rapp, G., see Poole, K. J. V.: *147*, 1-29 (1988).
- Rauch, P., see Kás, J.: *112*, 163-230 (1983).
- Raymond, K. N., Müller, G., and Matzanke, B. F.: Complexation of Iron by Siderophores A Review of Their Solution and Structural Chemistry and Biological Function. *123*, 49-102 (1984).
- Recktenwald, O., see Veith, M.: *104*, 1-55 (1982).
- Reetz, M. T.: Organotitanium Reagents in Organic Synthesis. A Simple Means to Adjust Reactivity and Selectivity of Carbanions. *106*, 1-53 (1982).
- Reisse, J.: see Mullie, F.: *139*, 83-117 (1986).
- Reißig, H.-U.: Donor-Acceptor-Substituted Cyclopropanes: Versatile Building Blocks in Organic Synthesis. *144*, 73-135 (1987).
- Rolla, R., see Montanari, F.: *101*, 111-145 (1982).
- Rossa, L., Vögtle, F.: Synthesis of Medio- and Macrocyclic Compounds by High Dilution Principle Techniques. *113*, 1-86 (1983).
- Rossi, G., see Chandesris, D.: *147*, 95-119 (1988).
- Roubin, P., see Chandesris, D.: *147*, 95-119 (1988).
- Rubin, M. B.: Recent Photochemistry of α -Diketones. *129*, 1-56 (1985).
- Rüchardt, Ch., and Beckhaus, H.-D.: Steric and Electronic Substituent Effects on the Carbon-Carbon Bond. *130*, 1-22 (1985).
- Rzaev, Z. M. O.: Coordination Effects in Formation and Cross-Linking Reactions of Organotin Macromolecules. *104*, 107-136 (1982).
- Saenger, W., see Hilgenfeld, R.: *101*, 3-82 (1982).
- Salaün, J. R. Y.: Synthesis and Synthetic Applications of 1-Donor Substituted Cyclopropanes with Ethynyl, Vinyl and Carbonyl Groups. *144*, 1-71 (1987).
- Saller, H.: see Gasteiger, J.: *137*, 19-73 (1986).
- Sandorfy, C.: Vibrational Spectra of Hydrogen Bonded Systems in the Gas Phase. *120*, 41-84 (1984).
- Satow, Y., see Amemiya, Y.: *147*, 121-144 (1988).
- Sayers, Z.: Synchrotron X-Ray Scattering Studies of the Chromatin Fibre Structure. *145*, 203-232 (1987).
- Schäfer, H.-J.: Oxidation of Organic Compounds at the Nickel Hydroxide Electrode. *142*, 101-129 (1987).
- Schlögl, K.: Planar Chiral Molecular Structures. *125*, 27-62 (1984).
- Schmeer, G., see Barthel, J.: *111*, 33-144 (1983).
- Schmidt, G.: Recent Developments in the Field of Biologically Active Peptides. *136*, 109-159 (1986).
- Schmidtchen, F. P.: Molecular Catalysis by Polyammonium Receptors. *132*, 101-133 (1986).
- Schöllkopf, U.: Enantioselective Synthesis of Nonproteinogenic Amino Acids. *109*, 65-84 (1983).
- Schuster, P., see Beyer, A., see *120*, 1-40 (1984).
- Schwochau, K.: Extraction of Metals from Sea Water. *124*, 91-133 (1984).
- Shugar, D., see Czochralska, B.: *130*, 133-181 (1985).
- Selig, H., and Holloway, J. H.: Cationic and Anionic Complexes of the Noble Gases. *124*, 33-90 (1984).
- Séquaris, J.-M., see Koglin, E.: *134*, 1-57 (1986).
- Sham, T.-K.: X-Ray Absorption Studies of Liquids: Structure and Reactivity of Metal Complexes in Solution and X-Ray Photoconductivity of Hydrocarbon Solutions of Organometallics. *145*, 81-106 (1987).
- Shibata, M.: Modern Syntheses of Cobalt(III) Complexes. *110*, 1-120 (1983).

- Shinkai, S., and Manabe, O.: Photocontrol of Ion Extraction and Ion Transport by Photofunctional Crown Ethers. *121*, 67-104 (1984).
- Shubin, V. G.: Contemporary Problems Carbonium Ion Chemistry II. *116/117*, 267-341 (1984).
- Siegel, H.: Lithium Halocarbenoids Carbanions of High Synthetic Versatility. *106*, 55-78 (1982).
- Sinta, R., see Smid, J.: *121*, 105-156 (1984).
- Smit, H. C., and Heuvel, van den E. J.: Signal and Data Analysis in Chromatography. *141*, 63-89 (1987).
- Soos, Z. G., see Keller, H. J.: *127*, 169-216 (1985).
- Steckhan, E.: Organic Syntheses with Electrochemically Regenerable Redox Systems. *142*, 1-69 (1987).
- Stuedel, R.: Homocyclic Sulfur Molecules. *102*, 149-176 (1982).
- Stuedel, R., and Laitinen, R.: Cyclic Selenium Sulfides. *102*, 177-197 (1982).
- Stuhrmann, H. B.: Resonant X-Ray Scattering in Biological Structure Research, *145*, 151-171 (1987).
- Suzuki, A.: Some Aspects of Organic Synthesis Using Organoboranes. *112*, 67-115 (1983).
- Suzuki, A., and Dhillon, R. S.: Selective Hydroboration and Synthetic Utility of Organoboranes thus Obtained. *130*, 23-88 (1985).
- Szele, J., Zollinger, H.: Azo Coupling Reactions Structures and Mechanisms. *112*, 1-66 (1983).
- Tabushi, I., Yamamura, K.: Water Soluble Cyclophanes as Hosts and Catalysts. *113*, 145-182 (1983).
- Takagi, M., and Ueno, K.: Crown Compounds as Alkali and Alkaline Earth Metal Ion Selective Chromogenic Reagents. *121*, 39-65 (1984).
- Tagaki, W., and Ogino, K.: Micellar Models of Zinc Enzymes. *128*, 143-174 (1985).
- Takeda, Y.: The Solvent Extraction of Metal Ions by Crown Compounds. *121*, 1-38 (1984).
- Tam, K.-F., see Wong, N. C.: *133*, 83-157 (1986).
- Tandura, St., N., Alekseev, N. V., and Voronkov, M. G.: Molecular and Electronic Structure of Penta- and Hexacoordinate Silicon Compounds. *131*, 99-189 (1985).
- Tanizawa, K., and Kanaoka, Y.: Design of Biospecific Compounds which Simulate Enzyme-Substrate Interaction. *136*, 81-107 (1986).
- Theis, M.: see Maercker, A.: *138*, 1-61 (1986).
- Thieme, P. C., see Pommer, H.: *109*, 165-188 (1983).
- Toda, F.: Isolation and Optical Resolution of Materials Utilizing Inclusion Crystallization, *140*, 43-69 (1987).
- Tollin, G., see Edmondson, D. E.: *108*, 109-138 (1983).
- Trofimenko, S., see Niedenzu, K.: *131*, 1-37 (1985).
- Trost, B. M.: Strain and Reactivity: Partners for Delective Synthesis. *133*, 3-82 (1986).
- Tsuchida, E., and Nishide, H.: Hemoglobin Model — Artificial Oxygen Carrier Composed of Porphinatoiron Complexes. *132*, 63-99 (1986).
- Turro, N. J., Cox, G. S., and Paczkowski, M. A.: Photochemistry in Micelles. *129*, 57-97 (1985).
- Ueno, K., see Tagaki, M.: *121*, 39-65 (1984).
- Uneyama, K.: The Chemistry of Electrogenerated Acids (EGA); How to Generate EGA and How to Utilize It? *142*, 167-188 (1987).
- Urry, D. W.: Chemical Basis of Ion Transport Specificity in Biological Membranes. *128*, 175-218 (1985).
- Utley, J. H. P.: Electrogenerated Bases. *142*, 131-165 (1987).
- Vandeginste, B. G. M.: Chemometrics — General Introduction and Historical Development. *141*, 1-42 (1987).
- Venugopalan, M., and Vepřek, S.: Kinetics and Catalysis in Plasma Chemistry. *107*, 1-58 (1982).
- Vepřek, S., see Venugopalan, M.: *107*, 1-58 (1983).
- Verdager, M., see Michalowicz, A.: *145*, 107-149 (1987).
- Vögtle, F., see Rossa, L.: *113*, 1-86 (1983).
- Vögtle, F.: Concluding Remarks. *115*, 153-155 (1983).
- Vögtle, F., Müller, W. M., and Watson, W. H.: Stereochemistry of the Complexes of Neutral Guests with Neutral Crown Molecules. *125*, 131-164 (1984).
- Vögtle, F., see Meurer, K. P.: *127*, 1-76 (1985).
- Vögtle, F., see Franke, J.: *132*, 135-170 (1986).
- Vögtle, F.: see Worsch, D.: *140*, 21-41 (1987).
- Volkman, D. G.: Ion Pair Chromatography on Reversed-Phase Layers. *126*, 51-69 (1984).

Author Index Volumes 101–147

- Vostrowsky, O., see Bestmann, H. J.: *109*, 85–163 (1983).
Voronkov, M. G., and Lavrent'yev, V. I.: Polyhedral Oligosilsequioxanes and Their Homo Derivatives. *102*, 199–236 (1982).
Voronkov, M. G., see Tandura, St. N.: *131*, 99–189 (1985).
Vrbancich, J., see Barron, L. D.: *123*, 151–182 (1984).
- Wachter, R., see Barthel, J.: *111*, 33–144 (1983).
Wakabayashi, K., see Amemiya, Y.: *147*, 121–144 (1988).
Watson, W. H., see Vögtle, F.: *125*, 131–164 (1984).
Weber, E.: Clathrate Chemistry Today — Some Problems and Reflections, *140*, 1–20 (1987).
Weber, G., see Bartels, K. S.: *147*, 57–72 (1988).
Weinstein, S., see Bartels, K. S.: *147*, 57–72 (1988).
Welti, M., see Badertscher, M.: *136*, 17–80 (1986).
Weser, U., see Gärtner, A.: *132*, 1–61 (1986).
Wilke, J., see Krebs, S.: *109*, 189–233 (1983).
Winnewisser, H., and Herbst, E.: Organic Molecules in Space, *139*, 119–172 (1986).
Wittmann, H.-G., see Bartels, K. S.: *147*, 57–72 (1988).
Wong, N. C., Lau, K.-L., and Tam, K.-F.: The Application of Cyclobutane Derivatives in Organic Synthesis. *133*, 83–157 (1986).
Wong, H. N. C.: see Mak, T. C. W.: *140*, 141–164 (1987).
Worsch, D., and Vögtle, F.: Separation of Enantiomers by Clathrate Formation, *140*, 21–41 (1987).
Wrona, M., see Czochralska, B.: *130*, 133–181 (1985).
- Yamamoto, K., see Nakazaki, M.: *125*, 1–25 (1984).
Yamamura, K., see Tabushi, I.: *113*, 145–182 (1983).
Yang, Z., see Heilbronner, E.: *115*, 1–55 (1983).
Yonath, A., see Bartels, K. S.: *147*, 57–72 (1988).
Yuki, K.: see Gasteiger, J., *137*, 19–73 (1986).
- Zaslavsky, B., and Masimov, E.: Methods of Analysis of the Relative Hydrophobicity of Biological Solutes. *146*, 171–202 (1988).
Zollinger, H., see Szele, I.: *112*, 1–66 (1983).