

Author Index Volumes 101–124

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

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).

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. *111*, 33–144 (1983).

Barron, L. D., and Vrbancich, J.: Natural Vibrational Raman Optical Activity. *123*, 151–182 (1984).

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).

Boekelheide, V.: Syntheses and Properties of the [2_n] Cyclophanes. *113*, 87–143 (1983).

Bonchev, D., see Balaban, A. T.: *114*, 21–55 (1983).

Bourdin, E., see Fauchais, P.: *107*, 59–183 (1983).

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).

Chivers, T., and Oakley, R. T.: Sulfur-Nitrogen Anions and Related Compounds. *102*, 117–147 (1982).

Consiglio, G., and Pino, P.: Asymmetric Hydroformylation. *105*, 77–124 (1982).

Coudert, J. F., see Fauchais, P.: *107*, 59–183 (1983).

Dyke, Th. R.: Microwave and Radiofrequency Spectra of Hydrogen Bonded Complexes in the Vapor Phase. *120*, 85–113 (1984).

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).

Fauchais, P., Bordin, E., Coudert, F., and MacPherson, R.: High Pressure Plasmas and Their Application to Ceramic Technology. *107*, 59–183 (1983).

Fujita, T., and Iwamura, H.: Applications of Various Steric Constants to Quantitative Analysis of Structure-Activity Relationship. *114*, 119–157 (1983).

- Gerson, F.: Radical Ions of Phanes 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).
- Gores, H.-J., see Barthel, J.: *111*, 33-144 (1983).
- 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).
- Heilbronner, E., and Yang, Z.: The Electronic Structure of Cyclophanes as Suggested by their Photoelectron Spectra. *115*, 1-55 (1983).
- Hellwinkel, D.: Penta- and Hexaorganyl Derivatives of the Main Group Elements. *109*, 1-63 (1983).
- Hess, P.: Resonant Photoacoustic Spectroscopy. *111*, 1-32 (1983).
- Hilgenfeld, R., and Saenger, W.: Structural Chemistry of Natural and Synthetic Ionophores and their Complexes with Cations. *101*, 3-82 (1982).
- Holloway, J. H., see Slig, H.: *124*, 33-90 (1984).
- Iwamura, H., see Fujita, T.: *114*, 119-157 (1983).
- Jørgensen, Ch. K.: The Problems for the Two-electron Bond in Inorganic Compounds. *124*, 1-31 (1984).
- Kaden, Th. A.: Syntheses and Metal Complexes of Aza-Macrocycles with Pendant Arms having Additional Ligating Groups. *121*, 157-179 (1984).
- Karpfen, A., see Beyer, A.: *120*, 1-40 (1984).
- Káš, J., Rauch, P.: Labeled Proteins, Their Preparation and Application. *112*, 163-230 (1983).
- Keat, R.: Phosphorus(III)-Nitrogen Ring Compounds. *102*, 89-116 (1982).
- Kellogg, R. M.: Bioorganic Modelling — Stereoselective Reactions with Chiral Neutral Ligand Complexes as Model Systems for Enzyme Catalysis. *101*, 111-145 (1982).
- Kniep, R., and Rabenau, A.: Subhalides of Tellurium. *111*, 145-192 (1983).
- Krebs, S., Wilke, J.: Angle Strained Cycloalkynes. *109*, 189-233 (1983).
- Kobayashi, Y., and Kumadaki, I.: Valence-Bond Isomer of Aromatic Compounds. *123*, 103-150 (1984).
- 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).
- Kumadaki, I., see Kobayashi, Y.: *123*, 103-150 (1984).
- Labarre, J.-F.: Up to-date Improvements in Inorganic Ring Systems as Anticancer Agents. *102*, 1-87 (1982).
- Laitinen, R., see Stuedel, R.: *102*, 177-197 (1982).
- Landini, S., see Montanari, F.: *101*, 111-145 (1982).
- 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).
- Lynch, R. E.: The Metabolism of Superoxide Anion and Its Progeny in Blood Cells. *108*, 35-70 (1983).
- McPherson, R., see Fauchais, P.: *107*, 59-183 (1983).
- Majestic, V. K., see Newkome, G. R.: *106*, 79-118 (1982).
- Manabe, O., see Shinkai, S.: *121*, 67-104 (1984).

- Margaretha, P.: Preparative Organic Photochemistry. *103*, 1-89 (1982).
- Matzanke, B. F., see Raymond, K. N.: *123*, 49-102 (1984).
- Mekenyan, O., see Balaban, A. T.: *114*, 21-55 (1983).
- Montanari, F., Landini, D., and Rolla, F.: Phase-Transfer Catalyzed Reactions. *101*, 149-200 (1982).
- 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).
- 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).
- Newkome, G. R., and Majestic, V. K.: Pyridinophanes, Pyridinocrowns, and Pyridinocryptands. *106*, 79-118 (1982).
- Oakley, R. T., see Chivers, T.: *102*, 117-147 (1982).
- Painter, R., and Pressman, B. C.: Dynamics Aspects of Ionophore Mediated Membrane Transport. *101*, 84-110 (1982).
- Paquette, L. A.: Recent Synthetic Developments in Polyquinane Chemistry. *119*, 1-158 (1984).
- Perlmutter, P., see Baldwin, J. E.: *121*, 181-220 (1984).
- Pillai, V. N. R., see Mutter, M.: *106*, 119-175 (1982).
- Pino, P., see Consiglio, G.: *105*, 77-124 (1982).
- Pommer, H., Thieme, P. C.: Industrial Applications of the Wittig Reaction. *109*, 165-188 (1983).
- Pressman, B. C., see Painter, R.: *101*, 84-110 (1982).
- Rabenau, A., see Kniep, R.: *111*, 145-192 (1983).
- Rauch, P., see Káš, 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 (1922).
- Reetz, M. T.: Organotitanium Reagents in Organic Synthesis. A Simple Means to Adjust Reactivity and Selectivity of Carbanions. *106*, 1-53 (1982).
- 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).
- 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).
- Sandorfy, C.: Vibrational Spectra of Hydrogen Bonded Systems in the Gas Phase. *120*, 41-84 (1984).
- Schmeer, G., see Barthel, J.: *111*, 33-144 (1983).
- 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).
- Selig, H., and Holloway, J. H.: Cationic and Anionic Complexes of the Noble Gases. *124*, 33-90 (1984).
- 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 Photo-functional Crown Ethers. *121*, 67–104 (1984).
- Shubin, V. G.: Contemporary Problems in 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).
- Smid, J., and Sinta, R.: Macrocyclic Ligands on Polymers. *121*, 105–156 (1984).
- Stuedel, R.: Homocyclic Sulfur Molecules. *102*, 149–176 (1982).
- Stuedel, R., and Laitinen, R.: Cyclic Selenium Sulfides. *102*, 177–197 (1982).
- Suzuki, A.: Some Aspects of Organic Synthesis Using Organoboranes. *112*, 67–115 (1983).
- 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).
- Takeda, Y.: The Solvent Extraction of Metal Ions by Crown Compounds. *121*, 1–38 (1984).
- Thieme, P. C., see Pommer, H.: *109*, 165–188 (1983).
- Tollin, G., see Edmondson, D. E.: *108*, 109–138 (1983).
- Ueno, K., see Takagi, M.: *121*, 39–65 (1984).
- Veith, M., and Recktenwald, O.: Structure and Reactivity of Monomeric, Molecular Tin(II) Compounds. *104*, 1–55 (1982).
- Venugopalan, M., and Vepřek, S.: Kinetics and Catalysis in Plasma Chemistry. *107*, 1–58 (1982).
- Vepřek, S., see Venugopalan, M.: *107*, 1–58 (1983).
- Vögtle, F., see Rossa, L.: *113*, 1–86 (1983).
- Vögtle, F.: Concluding Remarks. *115*, 153–155 (1983).
- 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).
- Vrbancich, J., see Barron, L. D.: *123*, 151–182 (1984).
- Wachter, R., see Barthel, J.: *111*, 33–144 (1983).
- Wilke, J., see Krebs, S.: *109*, 189–233 (1983).
- Yamamura, K., see Tabushi, I.: *113*, 145–182 (1983).
- Yang, Z., see Heilbronner, E.: *115*, 1–55 (1983).
- Zollinger, H., see Szele, I.: *112*, 1–66 (1983).