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CORAIN, B., NICOLINI, M., ZATTA, P., Aspects of the bioinorganic chemistry of aluminum(III)

- relevant to the metal toxicity [Univ. Padua, Dipartimento Chim. Inorg. Met. Org. & Anal., Padua, I-35131, Italy; Univ. Padua, CNR, Ctr. Stud. Biochim. & Fisiol. Emocianine & Altre Metallo Prot., Padua, I-35131, Italy; Univ. Padua, Dipartimento Sci. Farmaceut., Padua, I-35131, Italy]
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KRANNICH, L.K., WATKINS, C.L., SRIVASTAVA, D.K., KANJOLIA, R.K., Borane coordination selectivity towards aminoarsines [Univ. Alabama, Dept. Chem., Birmingham, AL, 35294, USA]
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KIRCHMEIER, R.L., SHREEVE, J.M., VERMA, R.D., Fluorinated compounds that contain catenated oxygen, sulfur or nitrogen atoms [Univ. Idaho, Dept. Chem., Moscow, ID, 83843, USA; Punjab Univ., Dept. Chem., Chandigarh, 160014, India]
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TUCK, D.G., One-electron transfer reactions in the redox chemistry of Main Group compounds [Univ. Windsor, Dept. Chem. & Biochem., Windsor, ON, N9B-3P4, Canada]
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ROBINSON, G.H., Structural survey of the organoaluminum coordination chemistry of oxygen and sulfur (thia) crown ethers [Clemson Univ., Dept. Chem., Clemson, SC, 29634, USA]
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VAN DE GRAMPPEL, J.C., Selected chemistry of cyclophosphazenes and cyclothiaphosphazenes [Univ. Groningen, Polymer Chem. Lab., Groningen, 9747-AG, Netherlands]
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WELLS, R.L., The use of silylarsines to prepare gallium-arsenic compounds [Duke Univ., Paul M. Gross Chem. Lab., Durham, NC, 27706, USA]
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THORNTON, P., Iron (1984) [Univ. London Queen Mary Coll., Dept. Chem., London, E1-4NS, England]
- Vol. 114 (1992) 1-60
STRELET, V.V., Sandwich and bent sandwich complexes. Electrochemical studies [Russian Acad. Sci., Inst. Chem. Phys., Chernogolovka, 142432, Russia]
- Vol. 114 (1992) 61-103
DAVIES, J.A., DUTREMEZ, S., Solid state ^{31}P NMR spectroscopic studies of tertiary phosphines and their complexes [Univ. Toledo, Dept. Chem., Toledo, OH, 43606, USA]
- Vol. 114 (1992) 107-167
CHEN, Q., ZUBIETA, J., Coordination chemistry of soluble metal oxides of molybdenum and vanadium [Syracuse Univ., Dept. Chem., Syracuse, NY, 13244, USA]
- Vol. 114 (1992) 169-200
KURZAK, B., KOZŁOWSKI, H., FARKAS, E., Hydroxamic and aminohydroxamic acids and their complexes with metal ions [Pedagog. Univ. Siedlce, Inst. Chem., Siedlce, PL-08110, Poland; Wrocław Univ., Inst. Chem., Wrocław, PL-50383, Poland; Lajos Kossuth Univ., Dept. Inorg. & Anal. Chem., Debrecen, H-4010, Hungary]
- Vol. 114 (1992) 201-247
DAVIES, J.A., DUTREMEZ, S., Solid state NMR studies of *d*-block and *p*-block metal nuclei: applications to organometallic and coordination chemistry [Univ. Toledo, Dept. Chem., Toledo, OH, 43606, USA]
- Vol. 114 (1992) 249-268
HOUSE, D.A., Hydrogen isotope exchange rates for polyamines bound to inert transition-metal complexes [Univ. Canterbury, Dept. Chem., Christchurch, New Zealand]
- Vol. 114 (1992) 269-295
STOCHIEL, G., High-pressure mechanistic studies on thermal and photochemical reactions of pentacyanoferrate complexes [Jagiellonian Univ., Dept. Chem., Krakow, PL-30060, Poland]
- Vol. 115 (1992) 1-116
WARD, M.D., Iron [Univ. Bristol, Dept. Inorg. Chem., Bristol, Avon, BS8-1TS, England]

- Vol. 115 (1992) 117-140
HOUSECROFT, C.E., Gold [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 115 (1992) 141-161
HOUSECROFT, C.E., Silver [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 115 (1992) 163-189
HOUSECROFT, C.E., Iridium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 115 (1992) 191-230
HOUSECROFT, C.E., Rhodium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 116 (1992) 1-267
COVILLE, N.J., DU PLOOY, K.E., PICKL, W., Monosubstituted cyclopentadienyl half-sandwich transition metal complexes [Univ. Witwatersrand, Dept. Chem., Johannesburg, 2050, South-Africa]
- Vol. 117 (1992) 1-43
KAMYSHIN, A.L., SUISALO, A.P., ASLANOV, L.A., ODMR spectroscopy of coordination compounds [M. V. Lomonosov State Univ., Dept. Chem., Moscow, 119899, Russia; Estonian Acad. Sci., Inst. Phys., Tartu, Estonia]
- Vol. 117 (1992) 45-98
CORRADI, A.B., Structures and stabilities of metal(II) (Co(II), Ni(II), Cu(II), Zn(II), Pd(II), Cd(II)) compounds of *N*-protected amino acids [Univ. Modena, Fac. Engn., Modena, I-41100, Italy]
- Vol. 117 (1992) 99-131
OLK, R.M., OLK, B., DIETZSCH, W., KIRMSE, R., HOYER, E., The chemistry of 1,3-dithiole-2-thione-4,5-dithiolate (dmit) [Univ. Leipzig, Dept. Chem., Leipzig, O-7010, Germany; Cent. Inst. Isotope & Radiat. Res., Leipzig, O-7050, Germany]
- Vol. 117 (1992) 133-157
MUSKER, W.K., Coordination chemistry of bidentate medium ring ligands (mesocycles) [Univ. California Davis, Dept. Chem., Davis, CA, 95616, USA]
- Vol. 117 (1992) 159-183
LINERT, W., GUTMANN, V., Structural and electronic responses of coordination compounds to changes in the molecule and molecular environment [Tech. Univ. Vienna, Inst. Inorg. Chem., Vienna, A-1060, Austria]
- Vol. 117 (1992) 185-213
DRAGO, R.S., Homogeneous metal-catalyzed oxidations by O₂ [Univ. Florida, Dept. Chem., Gainesville, FL, 32611, USA]
- Vol. 117 (1992) 215-274
ESPINET, P., ESTERUELAS, M.A., ORO, L.A., SERRANO, J.L., SOLA, E., Transition metal liquid crystals: advanced materials within the reach of the coordination chemist [Univ. Valladolid, Dept. Quim. Inorg., Valladolid, E-47005, Spain; Univ. Zaragoza, CSIC, Zaragoza, E-50009, Spain]
- Vol. 118 (1992) 1-405
BOCA, R., PELIKÁN, P., Special issue. Quantum chemistry of coordination compounds [Slovak Tech. Univ., Dept. Inorg. Chem., Bratislava, Slovakia; Slovak Tech. Univ., Dept. Phys. Chem., Bratislava, Slovakia]
- Vol. 119 (1992) 1-28
CUNHA, M.C.F., BRITO, H.F., ZINNER, L.B., VICENTINI, G., NASCIMENTO, A.B., Europium complexes with organic ligands containing oxygen as donor atom. Calculation of crystal-field and scalar strength parameters for C_{3v}, D₃ and D_{3d} symmetries [Univ. Sao Paulo, Inst. Quim., Sao Paulo, BR-01498, Brazil; Univ. Fed. Paraíba, Dept. Quim., Paraíba, BR-58000, Brazil]
- Vol. 119 (1992) 29-65
AIROLDI, C., CHAGAS, A.P., Some features of the thermochemistry of coordination compounds [Univ. Estadual Campinas, Inst. Quim., Campinas, SP, Brazil]
- Vol. 119 (1992) 67-88
COSTAMAGNA, J., VARGAS, J., LATORRE, R., ALVARADO, A., MENA, G., Coordination compounds of copper, nickel and iron with schiff bases derived from hydroxynaphthaldehydes and salicylaldehydes [Univ. Santiago Chile, Fac. Sci., Santiago, Chile; Univ. Metropolitana Ciencias Educ., Fac. Sci., Santiago, Chile; Univ. Chile, Fac. Sci., Santiago, Chile]
- Vol. 119 (1992) 89-136
ZAGAI, J.H., Metallophthalocyanines as catalysts in electrochemical reactions [Univ. Santiago Chile, Fac. Sci., Santiago, Chile]
- Vol. 119 (1992) 137-169
CARRILLO, D., Organodisulphide complexes [Univ. Catolica Valparaiso, Inst. Chem., Valparaiso, Chile]
- Vol. 119 (1992) 171-198
SPODINE, E., MANZUR, J., Oxygen insertion in organic substrates catalyzed by copper compounds [Univ. Chile, Fac. Sci. Chem. & Pharmaceut., Santiago, Chile; Univ. Chile, Fac. Sci. Phys. & Math., Santiago, Chile]
- Vol. 119 (1992) 199-225
FRANCO, D.W., Ruthenium ammine complexes of group VB donor ligands [Univ. Sao Paulo, Inst. Fis. & Quim. Sao Carlos, Sao Carlos, SP, Brazil]
- Vol. 120 (1992) 1-28
BANCHI, L., PICCIOLI, M., SCOZZAFAVA, A., Advances in the NMR investigation of paramagnetic molecules in solution [Univ.

- Florence, Dept. Chem., Florence, I-50121, Italy]
- Vol. 120 (1992) 29-50
BARBUCCI, R., CASOLARO, M., MAGNANI, A., Ionic and ionizable synthetic polymers: interactions in aqueous solutions [Univ. Siena, Dept. Chem., Siena, I-53100, Italy]
- Vol. 120 (1992) 51-85
BENCINI, A., BIANCHI, A., PAOLETTI, P., PAOLI, P., Thermodynamic and structural aspects of transition metal compounds. Polynuclear complexes of aza-macrocycles [Univ. Florence, Dept. Chem., Florence, I-50144, Italy; Univ. Florence, Dept. Energet., Florence, Italy]
- Vol. 120 (1992) 87-136
BENCINI, A., MIDOLLINI, S., Some synthetic and theoretical aspects of the chemistry of polynuclear transition-metal complexes [Univ. Florence, Dept. Chem., Florence, I-50121, Italy; Univ. Florence, CNR, Ist. Stud. Stereochim. & Energet. Composti Coordinazione, Florence, I-50127, Italy]
- Vol. 120 (1992) 137-161
BENELLI, C., GATTESCHI, D., Magnetism in Florence [Univ. Florence, Dept. Chem., Florence, I-50144, Italy]
- Vol. 120 (1992) 163-192
BERTINI, I., MESSORI, L., VIEZZOLI, M.S., Coordination compounds and life processes [Univ. Florence, Dept. Chem., Florence, I-50121, Italy]
- Vol. 120 (1992) 193-208
BIANCHINI, C., MELI, A., PERUZZINI, M., VIZZA, F., ZANOBINI, F., Tripodal polyphosphine ligands control selectivity of organometallic reactions [Univ. Florence, CNR, Ist. Stud. Stereochim. & Energet. Composti Coordinazione, Florence, I-50132, Italy]
- Vol. 120 (1992) 209-221
CALDERAZZO, F., Properties and reactivity of homodinuclear and heterodinuclear systems containing single element-element bonds [Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, I-56126, Italy]
- Vol. 120 (1992) 223-236
CIAMPOLINI, M., NARDI, N., VALTANCOLI, B., MICHELONI, M., Small aza cages as "fast proton sponges" and strong lithium binders [Univ. Florence, Dept. Chem., Florence, I-50144, Italy; Univ. Urbino, Inst. Chem. Sci., Urbino, I-61029, Italy]
- Vol. 120 (1992) 237-257
DE SANTIS, G., FABBRIZZI, L., LICCHELLI, M., PALLAVICINI, P., Redox processes in supramolecular coordination compounds [Univ. Pavia, Dipartimento Chim. Gen., Pavia, I-27100, Italy]
- Vol. 120 (1992) 259-279
DI VAIRA, M., STOPPIONI, P., Synthesis and reactivity of small mixed clusters formed by transition metals and main group elements [Univ. Florence, Dept. Chem., Florence, I-50144, Italy]
- Vol. 120 (1992) 281-307
LUCHINAT, C., XIA, Z.C., Paramagnetism and dynamic properties of electrons and nuclei [Univ. Bologna, Inst. Agr. Chem., Bologna, I-40126, Italy; Univ. Florence, Dept. Chem., Florence, I-50121, Italy]
- Vol. 120 (1992) 309-324
MANGANI, S., CARLONI, P., ORIOLI, P., X-ray diffraction studies on carboxypeptidase A complexes: the zinc stereochemistry [Univ. Florence, Dept. Chem., Florence, I-50121, Italy; Univ. Siena, Siena, I-53100, Italy]
- Vol. 120 (1992) 325-359
MANI, F., Model systems containing pyrazole chelates and related groups: recent developments and perspectives [Univ. Florence, Dept. Chem., Florence, I-50121, Italy]
- Vol. 120 (1992) 361-387
MEALLI, C., GHILARDI, C.A., ORLANDINI, A., Structural flexibility and bonding capabilities of the ligand np_3 toward the transition metals [Univ. Florence, CNR, Ist. Stud. Stereochim. & Energet. Composti Coordinazione, Florence, I-50132, Italy]
- Vol. 120 (1992) 389-405
SABATINI, A., VACCA, A., GANS, P., Mathematical algorithms and computer programs for the determination of equilibrium constants from potentiometric and spectrophotometric measurements [Univ. Florence, Dept. Chem., Florence, I-50144, Italy; Univ. Leeds, Sch. Chem., Leeds, West-Yorkshire, LS2-9JT, England]
- Vol. 121 (1992) 1-42
PANDEY, K.K., Mononuclear d^7 complexes of platinum metals [Devi Ahilya Univ. Indore, Sch. Chem., Indore, 452001, India]
- Vol. 121 (1992) 43-130
DIETZSCH, W., STRAUCH, P., HOYER, E., Thio-oxalates: their ligand properties and coordination chemistry [Univ. Leipzig, Dept. Chem., Leipzig, O-7010, Germany]
- Vol. 121 (1992) 131-154
FRAUENHOFF, G.R., Oxy ligand derivatives of trisium dodecacarbonyl [Univ. Illinois, Sch. Chem. Sci., Urbana, IL, 61801, USA; Univ. Illinois, Mar. Res. Lab., Urbana, IL, 61801, USA]
- Vol. 121 (1992) 155-284
JESSOP, P.G., MORRIS, R.H., Reactions of transition metal dihydrogen complexes [Univ.

- Toronto, Dept. Chem., Toronto, ON, M5S-1A1, Canada]
- Vol. 122 (1993) 3-39
HILL, H.A.O., WILLIAMS, R.J.P., A celebration of inorganic lives - Interview of Robert J.P. Williams [Wadham Coll., Oxford, England]
- Vol. 122 (1993) 41-62
SAHA, S.K., ALI, M., BANERJEE, P., Electron exchange and transfer reactions of heteropoly oxometalates [Indian Assoc. Cultivat. Sci., Dept. Inorg. Chem., Calcutta, West-Bengal, 700032, India]
- Vol. 122 (1993) 63-89
SCHANZE, K.S., MACQUEEN, D.B., PERKINS, T.A., CABANA, L.A., Studies of intramolecular electron and energy transfer using the *fac*-(diimine)Re(CO)₃ chromophore [Univ. Florida, Dept. Chem., Gainesville, FL, 32611, USA]
- Vol. 122 (1993) 91-107
KING, R.B., Mathematical methods in coordination chemistry: topological and graph-theoretical ideas in the study of metal clusters and polyhedral isomerizations [Univ. Georgia, Dept. Chem., Athens, GA, 30602, USA]
- Vol. 122 (1993) 109-170
HOPE, E.G., LEVASON, W., Recent developments in the coordination chemistry of selenoether and telluroether ligands [Univ. Southampton, Dept. Chem., Southampton, Hants, SO9-5NH, England; Univ. Leicester, Dept. Chem., Leicester, LE1-7RH, England]
- Vol. 122 (1993) 171-225
WHITFIELD, D.M., STOJKOVSKI, S., SARKAR, B., Metal coordination to carbohydrates. Structures and function [Hosp. Sick Children, Res. Inst., Toronto, ON, M5G-1X8, Canada; Univ. Toronto, Dept. Biochem., Toronto, ON, M5S-1A8, Canada]
- Vol. 122 (1993) 227-242
SIGEL, H., Quantification of successive intramolecular equilibria in binary metal ion complexes of *N,N*-bis(2-hydroxyethyl)glycinate (Bicinate). A case study [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 123 (1993) 1-48
COMBA, P., The relation between ligand structures, coordination stereochemistry, and electronic and thermodynamic properties [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 123 (1993) 49-71
WEST, D.X., LIBERTA, A.E., PADHYE, S.B., CHIKATE, R.C., SONAWANE, P.B., KUMBHAR, A.S., YERANDE, R.G., Thiosemicarbazone complexes of copper(II): structural and biological studies [Illinois State Univ., Dept. Chem., Normal, IL, 61761, USA; Illinois State Univ., Dept. Biol. Sci., Normal, IL, 61761, USA; Univ. Poona, Dept. Chem., Poona, Maharashtra, 411007, India]
- Vol. 123 (1993) 73-147
SHIBAHARA, T., Syntheses of sulphur-bridged molybdenum and tungsten coordination compounds [Okayama Univ. Sci., Dept. Chem., Okayama, 700, Japan]
- Vol. 123 (1993) 149-167
LIN, Z.Y., HALL, M.B., A group theoretical analysis on transition-metal complexes with metal-ligand multiple bonds [Texas A&M Univ., Dept. Chem., College Station, TX, 77843, USA]
- Vol. 123 (1993) 169-199
WHERLAND, S., Non-aqueous, outer-sphere electron transfer kinetics of transition metal complexes [Washington State Univ., Dept. Chem., Pullman, WA, 99164, USA]
- Vol. 123 (1993) 201-228
SABBATINI, N., GUARDIGLI, M., LEHN, J.M., Luminescent lanthanide complexes as photochemical supramolecular devices [Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy; Univ. Strasbourg I, Inst. Le Bel, Strasbourg, F-67070, France]
- Vol. 123 (1993) 229-246
VON ZELEWSKY, A., BARBOSA, L., SCHLAPFER, C.W., Poly(ethylenimines) as Brønsted bases and as ligands for metal ions [Univ. Fribourg, Inst. Inorg. Chem., Fribourg, CH-1700, Switzerland]
- Vol. 124 (1993) 1-40
KAKKAR, A.K., KHAN, M.S., Palladium [Northwestern Univ., Dept. Chem., Evanston, IL, 60208, USA; Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 124 (1993) 41-49
HOUSECROFT, C.E., Scandium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 124 (1993) 51-62
HOUSECROFT, C.E., Yttrium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 124 (1993) 63-105
MURPHY, B.P., Copper [Univ. Manchester, Inst. Sci. & Technol., Manchester, Lancs, M60-1QD, England]
- Vol. 124 (1993) 107-181
DAVIES, M.B., Cobalt [Anglia Polytech. Univ., Dept. Chem., Cambridge, CB1-1PT, England]
- Vol. 124 (1993) 183-216
CONSTABLE, E.C., HOUSECROFT, C.E., Osmium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]

- Vol. 125 (1993) 1-12
ADAMSON, A.W., Inorganic photochemistry - then and now [Univ. South-California, Dept. Chem., Los Angeles, CA, 90089, USA]
- Vol. 125 (1993) 13-34
BASOLO, F., Frontiers of inorganic chemistry [Northwestern Univ., Dept. Chem., Evanston, IL, 60208, USA]
- Vol. 125 (1993) 35-42
ZINATO, E., RICCIERI, P., Solution phosphorescence of trans-cyanoacidotetraammine-chromium(III) complexes. Comparison with models for doublet-state deactivation [Univ. Perugia, Dipartimento Chim., Perugia, I-06100, Italy]
- Vol. 125 (1993) 43-52
TITSE, A.M., TIMONOV, A.M., SHAGISULTANOVA, G.A., Photosensitive chemically modified electrodes for photogalvanic cells [State Pedagog Univ. Russia A.I. Herzen, Dept. Inorg. Chem., St. Petersburg, 191186, Russia]
- Vol. 125 (1993) 53-62
BERGAMINI, P., COSTA, E., SOSTERO, S., TRAVERSO, O., Further perspectives in organometallic photochemistry [Univ. Ferrara, CNR, Ctr. Stud. Fotoreattività & Catalisi, Ferrara, I-44100, Italy]
- Vol. 125 (1993) 63-74
SAMOTUS, A., SZKLARZEWICZ, J., Photochemistry of transition metal octacyanides and related compounds. Past, present and future [Jagiellonian Univ., Dept. Chem., Krakow, PL-30060, Poland]
- Vol. 125 (1993) 75-88
BALZANI, V., BALLARDINI, R., BOLLETTA, F., GANDOLFI, M.T., JURIS, A., MAESTRI, M., MANFRIN, M.F., MOGGI, L., SABBATINI, N., From a molecular to a supramolecular photochemistry [Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy; Univ. Bologna, CNR, Ist. Fotochim. & Radiazione Alta Energia, Bologna, I-40126, Italy]
- Vol. 125 (1993) 89-100
HENNIG, H., BILLING, R., Advantages and disadvantages of photocatalysis induced by light-sensitive coordination compounds [Univ. Leipzig, Dept. Chem., Leipzig, O-7010, Germany]
- Vol. 125 (1993) 101-114
TURNER, J.J., GEORGE, M.W., JOHNSON, F.P.A., WESTWELL, J.R., Time-resolved infrared spectroscopy of excited states of transition metal species [Univ. Nottingham, Dept. Chem., Nottingham, NG7-2RD, England]
- Vol. 125 (1993) 115-127
CONDORELLI, G., DE GUIDI, G., GIUFFRIDA, S., COSTANZO, L.L., Photosensitizing action of nonsteroidal antiinflammatory drugs on cell membranes and design of protective systems [Univ. Catania, Dipartimento Sci. Chim., Catania, I-95125, Italy]
- Vol. 125 (1993) 129-142
MANSUY, D., Activation of alkanes: the biomimetic approach [Univ. Paris 05, Chim. & Biochim. Pharmacol. & Toxicol. Lab., Paris, F-75270, France]
- Vol. 125 (1993) 143-154
MALDOTTI, A., AMADELLI, R., BARTOCCI, C., CARASSITI, V., POLO, E., VARANI, G., Photochemistry of iron-porphyrin complexes. Biomimetics and catalysis [Univ. Ferrara, Dept. Chem., Ferrara, I-44100, Italy; Univ. Ferrara, CNR, Ctr. Stud. Fotoreattività & Catalisi, Ferrara, I-44100, Italy]
- Vol. 125 (1993) 155-172
KISCH, H., Charge-transfer in ion pairs: design of photoreactivity in solution and electrical dark- and photoconductivity in the solid [Univ. Erlangen Nürnberg, Inst. Inorg. Chem., Erlangen, W-8520, Germany]
- Vol. 125 (1993) 173-182
AUGUGLIARO, V., SCHIAVELLO, M., PALMISANO, L., Rate of photon absorption and turnover number: two parameters for the comparison of heterogeneous photocatalytic systems in a quantitative way [Univ. Palermo, Dipartimento Ingn. Chim. Proc. & Mat., Palermo, I-90128, Italy]
- Vol. 125 (1993) 183-194
PELIZZETTI, E., MINERO, C., PICCINI, P., VINCENTI, M., Phototransformations of nitrogen containing organic compounds over irradiated semiconductor metal oxides. Nitrobenzene and atrazine over TiO₂ and ZnO [Univ. Turin, Dipartimento Chim. Anal., Turin, I-10125, Italy]
- Vol. 125 (1993) 195-217
LINDÉN, L.A., RABEK, J.F., KACZMAREK, H., KAMINSKA, A., SCOPONI, M., Photooxidative degradation of polymers by HO• and HO₂• radicals generated during the photolysis of H₂O₂, FeCl₃, and Fenton reagents [Karolinska Inst., Royal Inst. Med., Huddinge, S-14104, Sweden; Univ. Copernicus, Dept. Chem., Torun, PL-80100, Poland; Univ. Ferrara, Dept. Chem., Ferrara, I-44100, Italy]
- Vol. 125 (1993) 219-230
SCOPONI, M., PRADELLA, F., CARASSITI, V., Photodegradable polyolefins. Photo-oxidation mechanisms of innovative polyolefin copolymers containing double bonds [Univ. Ferrara, Dept. Chem., Ferrara, I-44110, Italy]
- Vol. 125 (1993) 231-240
ENEA, O., Local probe microscopies and their applications to semiconducting materials [Univ.

- Poitiers, Chim. Lab. 4, Poitiers, F-86000, France]
- Vol. 125 (1993) 241-250
CHIORBOLI, C., PIAZZA, R., TOSATO, M.L., CARASSITI, V., Atmospheric chemistry: rate constants of the gas-phase reactions between haloalkanes of environmental interest and hydroxyl radicals [Univ. Ferrara, CNR, Ctr. Stud. Fotoreattività & Catalisi, Ferrara, I-44100, Italy; Ist. Super. Sanita, Struct. Activ. Res. Grp., Rome, I-00161, Italy]
- Vol. 125 (1993) 251-260
MAZZUCATO, U., SPALLIETTI, A., BARTOCCI, G., GALIAZZO, G., Evidence of adiabatic channels in the singlet photoisomerization of *cis*-1,2-diarylethenes: a fluorometric study [Univ. Perugia, Dipartimento Chim., Perugia, I-06123, Italy; Univ. Padua, Dipartimento Chim. Org., Padua, I-35131, Italy]
- Vol. 125 (1993) 261-268
BORTOLUS, P., GRABNER, G., KOHLER, G., MONTI, S., Photochemistry of cyclodextrin host-guest complexes [Univ. Bologna, CNR, Ist. Fotochim. & Radiazione Alta Energia, Bologna, I-40126, Italy; Univ. Vienna, Inst. Theor. Chem. & Strahlenchem., Vienna, A-1090, Austria]
- Vol. 125 (1993) 269-282
ALBINI, A., FASANI, E., D'ALESSANDRO, N., Radical cations: generation by photochemical electron transfer and fragmentation [Univ. Turin, Inst. Org. Chem., Turin, I-10125, Italy; Univ. Pavia, Dept. Org. Chem., Pavia, I-27100, Italy]
- Vol. 125 (1993) 283-292
SCANDOLA, F., ARGAZZI, R., BIGNOZZI, C.A., CHIORBOLI, C., INDELLI, M.T., RAMPI, M.A., Electronic coupling between remote metal centers in cyano-bridged polynuclear complexes [Univ. Ferrara, CNR, Ctr. Stud. Fotoreattività & Catalisi, Ferrara, I-44100, Italy]
- Vol. 125 (1993) 293-300
ORLANDI, G., NEGRI, F., WILBRANDT, R., LANGKILDE, F.W., BROUWER, A.M., Potential energy surfaces of short polyenes in the state T₁: analysis of time resolved resonance Raman spectra [Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy; Riso Natl. Lab., Dept. Environm. Sci. & Technol., Roskilde, DK-4000, Denmark; Engn. Acad. Denmark, Dept. Chem. & Chem. Engn., Lyngby, DK-2800, Denmark; Univ. Amsterdam, Org. Chem. Lab., Amsterdam, 1018-W5, Netherlands]
- Vol. 125 (1993) 301-316
MOMICCHIOLI, F., BARALDI, I., CARNEVALI, A., CASELLI, M., PONTERINI, G., Concerning medium polarity effects on the photophysics and photochemistry of TICT-forming dyes [Univ. Modena, Dept. Chem., Modena, I-41100, Italy]
- Vol. 125 (1993) 317-332
LEVER, A.B.P., MASUI, H., METCALFE, R.A., STUFKENS, D.J., DODSWORTH, E.S., AUBURN, P.R., The ground and excited state electronic structures of ruthenium quinones and related species [York Univ., Dept. Chem., North-York, ON, M3J-1P3, Canada; Univ. Amsterdam, Inorg. Chem. Lab., Amsterdam, 1018-WV, Netherlands]
- Vol. 125 (1993) 333-350
KEMP, T.J., Redox, fragmentation and clustering processes in the excitation of metal complexes by fast atom bombardment: relationships with photochemical pathways [Univ. Warwick, Dept. Chem., Coventry, West-Midlands, CV4-7AL, England]
- Vol. 125 (1993) 351-360
CARASSITI, V., Perspectives in photochemistry [Univ. Ferrara, CNR, Ctr. Stud. Fotoreattività & Catalisi, Ferrara, I-44100, Italy]
- Vol. 126 (1993) 1-69
GARNOVSKII, A.D., NIVOROZHNIK, A.L., MINKIN, V.I., Ligand environment and the structure of Schiff base adducts and tetracoordinated metal-chelates [Rostov State Univ., Inst. Phys. & Org. Chem., Rostov na Donu, 344771, Russia]
- Vol. 126 (1993) 71-92
MELNIK, M., MACASKOVA, L., HOLLOWAY, C.E., Structural aspects of red copper(I) compounds [York Univ., Dept. Chem., North-York, ON, M3J-1P3, Canada; Slovak Tech. Univ., Dept. Inorg. Chem., Bratislava, CS-81237, Slovakia]
- Vol. 126 (1993) 93-147
ELLER, K., Reactions of monosubstituted alkanes with bare metal ions. An effort toward a more unified picture for the gas-phase chemistry of R-X molecules [Yale Univ., Dept. Chem., New Haven, CT, 06511, USA]
- Vol. 126 (1993) 149-175
BUSLAEV, YU.A., KLYAGINA, A.P., Electronic structure and molecular geometry of main group halides [Kurnakov Gen. & Inorg. Chem. Inst., Moscow, 117907, Russia]
- Vol. 126 (1993) 177-236
HAY, B.P., Methods for molecular mechanics modeling of coordination compounds [Battelle Mem. Inst., Pacific Northwest Labs, Richland, WA, 99352, USA]
- Vol. 126 (1993) 237-318
SADIMENKO, A.P., GARNOVSKII, A.D., RETTA, N., Organometallic complexes of heterocycles. I. σ , π -Complexes of five-membered monoheterocycles [Natl. Univ. Lesotho, Dept. Chem., Roma, Lesotho; Rostov State Univ., Inst. Phys. & Org. Chem., Rostov

- na Donu, 344104, Russia; Addis Ababa Univ., Addis Ababa, Ethiopia]
- Vol. 126 (1993) 319-336
CABEZA, J.A., FERNÁNDEZ-COLINAS, J.M., Ruthenium(II) complexes containing bridging N-donor ligands: structure, synthesis and reactivity patterns [Univ. Oviedo, Dept. Quím. Organomet., Oviedo, E-33071, Spain]
- Vol. 127 (1993) 1-38
WARD, M.D., Osmium [Univ. Bristol, Sch. Chem., Bristol, Avon, BS8-1TS, England]
- Vol. 127 (1993) 39-64
LYNAM, M., Titanium [Univ. Michigan, Dept. Civil & Environm. Engr., Ann Arbor, MI, 48109, USA]
- Vol. 127 (1993) 65-97
DUNBAR, K.R., FINNISS, G.M., Tungsten [Michigan State Univ., Dept. Chem., East-Lansing, MI, 48824, USA]
- Vol. 127 (1993) 99-129
KEEP, A.K., Palladium [Johnson Matthey, Div. Mat. Technol., Royston, SG8-5HE, England]
- Vol. 127 (1993) 133-137
HOUSECROFT, C.E., Scandium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 127 (1993) 139-154
HOUSECROFT, C.E., Yttrium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 127 (1993) 155-170
KEE, T.P., Niobium [Univ. Leeds, Sch. Chem., Leeds, West-Yorkshire, LS2-9JT, England]
- Vol. 127 (1993) 171-185
KEE, T.P., Tantalum [Univ. Leeds, Sch. Chem., Leeds, West-Yorkshire, LS2-9JT, England]
- Vol. 127 (1993) 187-221
HOUSECROFT, C.E., Gold [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 128 (1993) 1-48
KAUFFMAN, G.B., GIROLAMI, G.S., BUSCH, D.H., John C. Bailar, Jr. (1904-1991): Father of coordination chemistry in the United States [Univ. Illinois, Sch. Chem. Sci., Urbana, IL, 61801, USA; California State Univ. Fresno, Dept. Chem., Fresno, CA, 93740, USA; Univ. Kansas, Dept. Chem., Lawrence, KS, 66045, USA]
- Vol. 128 (1993) 49-68
ARCHER, R.D., Coordination chemistry from monomers to copolymers [Univ. Massachusetts, Dept. Chem., Amherst, MA, 01003, USA]
- Vol. 128 (1993) 69-88
SHEN, J.K., GAO, Y.C., SHI, Q.Z., BASOLO, F., Kinetic studies of CO substitution of metal-carbonyls in the presence of O-atom transfer reagents [Northwestern Univ., Dept. Chem., Evanston, IL, 60208, USA; Lanzhou Univ., Dept. Chem., Lanzhou, 730000, P.R.China]
- Vol. 128 (1993) 89-116
BROWN, T.L., LEE, K.J., Ligand steric properties [Univ. Illinois, Sch. Chem. Sci., Urbana, IL, 61801, USA; Univ. Illinois, Beckman Inst. Adv. Sci. & Technol., Urbana, IL, 61801, USA]
- Vol. 128 (1993) 117-137
SAUER-MASARWA, A., DICKERSON, L.D., HERRON, N., BUSCH, D.H., Kinetics and intermediates in the autooxidation of (cyclopentadienyl)iron(II) dioxygen carriers in a variety of solvent systems [Univ. Kansas, Dept. Chem., Lawrence, KS, 66045, USA; Ohio State Univ., Dept. Chem., Columbus, OH, 43210, USA]
- Vol. 128 (1993) 139-165
DOUGLAS, B.E., RADANOVIC, D.J., Coordination chemistry of hexadentate EDTA-type ligands with M(III) ions [Univ. Pittsburgh, Dept. Chem., Pittsburgh, PA, 15260, USA; Univ. Kragujevac, Fac. Sci., Kragujevac, YU-34000, Yugoslavia]
- Vol. 128 (1993) 167-173
EICHHORN, G.L., Conformational change induced by metal ions through coordination [NIA, Gerontol. Res. Ctr., Baltimore, MD, 21224, USA]
- Vol. 128 (1993) 175-191
HOUSE, J.E. (JR.), Mechanistic considerations for anation reactions in the solid state [Illinois State Univ., Dept. Chem., Normal, IL, 61761, USA]
- Vol. 128 (1993) 193-207
SAULS, F.C., INTERRANTE, L.V., Coordination compounds of aluminum as precursors to aluminum nitride [Rensselaer Polytech. Inst., Dept. Chem., Troy, NY, 12180, USA; Kings Coll., Dept. Chem., Wilkes Barre, PA, 18711, USA]
- Vol. 128 (1993) 209-224
CHAE, H.K., KLEMPERER, W.G., MARQUART, T.A., High-nuclearity oxomolybdenum(V) complexes [Univ. Illinois, Beckman Inst. Adv. Sci. & Technol., Urbana, IL, 61801, USA; Univ. Illinois, Dept. Chem., Urbana, IL, 61801, USA]
- Vol. 128 (1993) 225-243
WEIT, S.K., FERRAUDI, G., GRUTSCH, P.A., KUTAL, C., Charge-transfer spectroscopy and photochemistry of alkylamine cobalt(III) complexes [Univ. Georgia, Dept. Chem., Athens, GA, 30602, USA; Univ. Notre Dame, Radiat. Lab., Notre Dame, IN, 46556, USA]
- Vol. 128 (1993) 245-260
PARRY, R.W., KODAMA, G., Coordination compounds formed using three-center hydrogen bridge bonds: An extension of the Lewis donor-

- acceptor coordinate bond [*Univ. Utah, Dept. Chem., Salt Lake City, UT, 84112, USA*]
- Vol. 128 (1993) 261-284
MA, L.Q., WILLIAMS, G.K., SHAPLEY, J.R., Organometallic chemistry of hexanuclear carbonyl clusters [*Univ. Illinois, Dept. Chem., Urbana, IL, 61801, USA*]
- Vol. 128 (1993) 285-291
SIEVERS, R.E., TURNIPSEED, S.B., HUANG, L., LAGALANTE, A.F., Volatile barium β -diketonates for use as MOCVD precursors [*Univ. Colorado, Dept. Chem. & Biochem., Boulder, CO, 80309, USA*]
- Vol. 128 (1993) 293-322
CHEN, C.T., SUSLICK, K.S., One-dimensional coordination polymers: Applications to material science [*Univ. Illinois, Sch. Chem. Sci., Urbana, IL, 61801, USA*]
- Vol. 129 (1994) 1-90
BALAKRISHNA, M.S., REDDY, V.S., KRISHNAMURTHY, S.S., NIXON, J.F., BURCKETT ST. LAURENT, J.C.T.R., Coordination chemistry of diphosphinoamine and cyclodiphosphazane ligands [*Indian Inst. Sci., Dept. Inorg. & Phys. Chem., Bangalore, Karnataka, 560012, India; Univ. Sussex, Sch. Chem. & Mol. Sci., Brighton, East-Sussex, BN1-9QJ, England*]
- Vol. 129 (1994) 91-156
RAPER, E.S., Copper complexes of heterocyclic thioamides and related ligands [*Univ. Northumbria, Dept. Chem. & Life Sci., Newcastle upon Tyne, Tyne & Wear, England*]
- Vol. 129 (1994) 157-193
KAIM, W., MOSCHEROSCH, M., The coordination chemistry of TCNE, TCNQ and related polynitrile π acceptors [*Univ. Stuttgart, Inst. Inorg. Chem., Stuttgart, D-70550, Germany*]
- Vol. 129 (1994) 195-245
ZINATO, E., Chromium(III) cyano-am(m)ine complexes [*Univ. Perugia, Dipartimento Chim., Perugia, I-06100, Italy*]
- Vol. 130 (1994) 1-62
LAITINEN, R.S., PEKONEN, P., SUONTAMO, R.J., Homo- and heteroatomic chalcogen rings [*Univ. Oulu, Dept. Chem., Oulu, SF-90570, Finland; Univ. Jyväskylä, Dept. Chem., Jyväskylä, SF-40351, Finland*]
- Vol. 130 (1994) 63-135
HEALY, M.D., POWER, M.B., BARRON, A.R., Sterically crowded aryloxide compounds of aluminum [*Harvard Univ., Dept. Chem., Cambridge, MA, 02138, USA*]
- Vol. 130 (1994) 137-173
ALLEN, C.W., Linear, cyclic and polymeric phosphazenes [*Univ. Vermont, Dept. Chem., Burlington, VT, 05405, USA*]
- Vol. 130 (1994) 175-241
WONG, C.Y., WOOLLINS, J.D., Bidentate oxygen donor chelates of silicon, germanium and tin [*Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem. Evans Lab., London, SW7-2AY, England*]
- Vol. 130 (1994) 243-273
WONG, C.Y., WOOLLINS, J.D., Beryllium coordination chemistry [*Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, SW7-2AY, England*]
- Vol. 130 (1994) 275-300
WEIDENBRUCH, M., Silylenes and disilenes - examples of low coordinated silicon compounds [*Univ. Oldenburg, Fac. Chem., Oldenburg, D-26111, Germany*]
- Vol. 130 (1994) 301-353
HAAS, A., KASPROWSKI, J., PRYKA, M., Tellurium- and selenium-nitrogen compounds: preparation, characterization and properties [*Ruhr Univ. Bochum, Dept. Inorg. Chem. 2, Bochum, D-44780, Germany*]
- Vol. 130 (1994) 355-426
JANZEN, A.F., Ligand exchange and reaction mechanisms of fluorinated compounds [*Univ. Manitoba, Dept. Chem., Winnipeg, MB, R3T-2N2, Canada*]
- Vol. 130 (1994) 427-480
ESCUDÉ, J., COURET, C., RANAIVONATOVO, H., SATGE, J., Recent developments in the chemistry of stable doubly bonded germanium compounds [*Univ. Paul Sabatier, Lab. Organomineral Chem, Toulouse, F-31062, France*]
- Vol. 130 (1994) 481-508
WALTER, S., KLINGEBIEL, U., From aminosilane to iminosilane [*Univ. Göttingen, Inst. Inorg. Chem., Göttingen, D-37077, Germany*]
- Vol. 130 (1994) 509-621
KANATZIDIS, M.G., HUANG, S.P., Coordination chemistry of heavy polychalcogenide ligands [*Michigan State Univ., Dept. Chem., East-Lansing, MI, 48824, USA; Michigan State Univ., Ctr. Fundamental Mat. Res., East-Lansing, MI, 48824, USA*]
- Vol. 131 (1994) 1-43
HOUSECROFT, C.E., Silver [*Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England*]
- Vol. 131 (1994) 45-94
WONG, W.T., Ruthenium [*Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong*]

- Vol. 131 (1994) 95-126
VITES, J.C., LYNAM, M.M., Manganese [Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Dept. Civil & Environm. Engr., Ann Arbor, MI, 48109, USA]
- Vol. 131 (1994) 127-152
VITES, J.C., LYNAM, M.M., Rhenium [Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Dept. Civil & Environm. Engr., Ann Arbor, MI, 48109, USA]
- Vol. 131 (1994) 153-175
CONSTABLE, E.C., HOUSECROFT, C.E., Technetium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 131 (1994) 177-210
HOUSECROFT, C.E., Iridium [Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 132 (1994) 1-13
BALZANI, V., CAMPAGNA, S., DENTI, G., JURIS, A., SERRONI, S., VENTURI, M., Bottom-up strategy to obtain luminescent and redox-active metal-complexes of nanometric dimensions [Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy; Univ. Messina, Dipartimento Chim. Inorg. Anal. & Struttura Molec., Vill. Sant'Agata, I-98166, Italy; Univ. Pisa, Ist. Chim. Agr., Pisa, I-56100, Italy]
- Vol. 132 (1994) 15-22
PETERSEN, J.D., GAHAN, S.L., RASMUSSEN, S.C., RONCO, S.E., The design and preparation of transition metal triad systems for excited-state charge separation [Clemson Univ., Dept. Chem., Clemson, SC, 29634, USA]
- Vol. 132 (1994) 23-28
PAWLOWSKI, V., KUNKELY, H., VOGLER, A., Electronic spectra and photochemistry of trichlorostannyl complexes of rhodium(III) and platinum(II) [Univ. Regensburg, Inst. Inorg. Chem., Regensburg, D-93040, Germany]
- Vol. 132 (1994) 29-34
IWAIZUMI, M., YAMAMOTO, K., OHBA, Y., YAMAUCHI, S., Application of time-resolved-pulsed-EPR spectroscopy to study photoinduced electron transfer reactions: porphyrin/quinone system [Tohoku Univ., Inst. Chem. React. Sci., Sendai, Miyagi, 980, Japan]
- Vol. 132 (1994) 35-42
YERSIN, H., HUBER, P., WIEDENHOFER, H., Vibrational satellite structures and properties of electronic states of transition metal complexes [Univ. Regensburg, Inst. Phys. & Theor. Chem., Regensburg, D-93040, Germany]
- Vol. 132 (1994) 43-50
KIMACHI, S., IKEDA, S., MIKI, H., AZUMI, T., CROSBY, G.A., Spectroscopic and magnetic studies of complexes of d^{10} closed shell ions [Tohoku Univ., Fac. Sci., Sendai, Miyagi, 980, Japan; Washington State Univ., Dept. Chem., Pullman, WA, 99164, USA]
- Vol. 132 (1994) 51-56
BÜRNER, D., STEINER, U.E., Spin chemistry of Ru(II)-trisdiimine complex photooxidation in magnetic fields up to 17.5 tesla [Univ. Konstanz, Fac. Chem., Constance, D-78434, Germany]
- Vol. 132 (1994) 57-62
MIYAMOTO, R., YAMAUCHI, S., KOBAYASHI, N., OSA, T., OHBA, Y., IWAIZUMI, M., Interplanar interactions in the triplet dimers of Zn and metal free complexes of crowned porphyrin and phthalocyanine studied by time-resolved electron paramagnetic resonance [Tohoku Univ., Inst. Chem. React. Sci., Sendai, Miyagi, 980, Japan; Tohoku Univ., Inst. Pharmaceut., Sendai, Miyagi, 980, Japan]
- Vol. 132 (1994) 63-74
DANIEL, C., MATSUBARA, T., STOR, G., Electronic spectra of $\text{RMn}(\text{CO})_3(\alpha\text{-diimine})$ ($\text{R}=\text{H}, \text{CH}_3$): a CASSCF/CCI comparative study of the lowest singlet excited states [Univ. Strasbourg I, CNRS, Strasbourg, F-67070, France]
- Vol. 132 (1994) 75-85
VON ZELEWSKY, A., BELSER, P., HAYOZ, P., DUX, R., HUA, X., SUCKLING, A., STOECKLI-EVANS, H., Tailor made coordination compounds for photochemical purposes [Univ. Fribourg, Inst. Inorg. Chem., Fribourg, CH-1700, Switzerland; Univ. Neuchâtel, Inst. Chem., Neuchâtel, CH-2000, Switzerland]
- Vol. 132 (1994) 87-97
CHAN, C.W., CHENG, L.K., CHE, C.M., Luminescent donor-acceptor platinum(II) complexes [Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]
- Vol. 132 (1994) 99-104
HAGA, M., ALI, M.M., MAEGAWA, H., NOZAKI, K., YOSHIMURA, A., OHNO, T., Photoexcited states of dinuclear Ru complexes bridged by proton-dissociable benzimidazole derivatives [Mie Univ., Fac. Educ., Tsu, Mie, 514, Japan; Osaka Univ., Coll. Gen. Educ., Osaka, 560, Japan]
- Vol. 132 (1994) 105-112
MCMILLIN, D.R., LIU, F., MEADOWS, K.A., ALDRIDGE, T.K., HUDSON, B.P., Coordinatively unsaturated excited states and DNA-binding interactions [Purdue Univ., Dept. Chem., West-Lafayette, IN, 47907, USA]
- Vol. 132 (1994) 113-120
TACHIYASHIKI, S., MIZUMACHI, K., Mechanisms of the photosubstitution of ruthenium(II) polypyridine complexes: formation of an intermediate with a monodentate polypyridine ligand and its reactions [Kagawa Nutr. Univ.,

- Chem. Lab., Sakado, Saitama, 35002, Japan; Rikkyo Univ., Dept. Chem., Tokyo, 171, Japan]*
- Vol. 132 (1994) 121-128
KIRK, A.D., FERNANDO, S.R.L., Cr(III) photosubstitution without stereochemical change? Photoaquation of *trans*-dicyanotetram(m)ine complexes [Univ. Victoria, Dept. Chem., Victoria, BC, V8W-3P6, Canada]
- Vol. 132 (1994) 129-140
FORD, P.C., Photochemical and photophysical studies of tetranuclear copper(I) halide clusters: an overview [Univ. California Santa Barbara, Dept. Chem., Santa Barbara, CA, 93106, USA]
- Vol. 132 (1994) 141-146
MAJIMA, T., Infrared photodecomposition of Fe(CO)₅ using a TEA CO₂ laser [Riken, Inst. Phys. & Chem. Res., Wako, Saitama, 35101, Japan]
- Vol. 132 (1994) 147-154
STUFKENS, D.J., VAN OUTERSTERP, J.W.M., OSKAM, A., ROSSENAAR, B.D., STOR, G.J., The photochemical formation of organometallic radicals from α -diimine complexes having a metal-metal, metal-alkyl or metal-halide bond [Univ. Amsterdam, J.H. van't Hoff Inst., Amsterdam, 1018-WV, Netherlands]
- Vol. 132 (1994) 155-160
LEES, A.J., PURWOKO, A.A., Photochemical mechanisms in intermolecular C-H bond activation reactions of organometallic complexes [Univ. Cent. Lancashire, Fac. Sci., Preston, Lancs, PR1-2HE, England; SUNY Binghamton, Dept. Chem., Binghamton, NY, 13902, USA]
- Vol. 132 (1994) 161-166
OISHI, S., Cr(CO)₅(phen) as an intermediate of photochemical CO substitution in Cr(CO)₆ with 1,10-phenanthroline [Kitasato Univ., Sch. Hyg. Sci., Sagami-hara, Kanagawa, 228, Japan]
- Vol. 132 (1994) 167-174
VLCEK, A. (JR.), VICHOVÁ, J., HARTL, F., Bond activation by MLCT excitation of organometallic compounds: prompt CO-photodissociation from [Cr(CO)₄bpy] [J. Heyrovsky Inst. Phys. Chem., Prague, CS-18223, Czech Republic]
- Vol. 132 (1994) 175-180
KAJITANI, M., FUJITA, T., HISAMATSU, N., HATANO, H., AKIYAMA, T., SUGIMORI, A., Photochemical reactions of several adducts of metalladithiolenes and metalladithiazoles - Dissociation and rearrangement [Sophia Univ., Fac. Sci. & Technol., Tokyo, 102, Japan]
- Vol. 132 (1994) 181-194
PIKRAMENOU, Z., YU, J.A., LESSARD, R.B., PONCE, A., WONG, P.A., NOCERA, D.G., Luminescence from supramolecules triggered by the molecular recognition of substrates [Michigan State Univ., Dept. Chem., East-Lansing, MI, 48824, USA; Michigan State Univ., Ctr. Fundamental Mat. Res., East-Lansing, MI, 48824, USA]
- Vol. 132 (1994) 195-200
FUJITA, E., BRUNSCHWIG, B.S., OGATA, T., YANAGIDA, S., Toward photochemical carbon dioxide activation by transition metal complexes [Brookhaven Natl. Lab., Dept. Chem., Upton, NY, 11973, USA; Osaka Univ., Fac. Engn., Osaka, Japan]
- Vol. 132 (1994) 201-208
FURUE, M., MARUYAMA, K., KANEMATSU, Y., KUSHIDA, T., KAMACHI, M., Competitive energy and electron-transfer quenching in intramolecular processes of excited polypyridine ruthenium(II) osmium(II) binuclear complexes [Osaka Univ., Fac. Sci., Osaka, 560, Japan]
- Vol. 132 (1994) 209-214
BARIGELLETTI, F., FLAMIGNI, L., BALZANI, V., COLLIN, J.-P., SAUVAGE, J.-P., SOUR, A., CONSTABLE, E.C., CARGILL THOMPSON, A.M.W., Intramolecular energy transfer through phenyl bridges in rod-like dinuclear Ru(II)/Os(II) terpyridine-type complexes [Univ. Bologna, CNR, Ist. Fotochim. & Radiazione Alta Energia, Bologna, I-40126, Italy; Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy; Univ. Strasbourg 1, Inst. Chem., Strasbourg, F-67070, France; Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England]
- Vol. 132 (1994) 215-222
NOZAKI, K., QIHO, T., Intramolecular electron transfer within mixed-valence diruthenium complexes [Osaka Univ., Coll. Gen. Educ., Osaka, 560, Japan]
- Vol. 132 (1994) 223-228
TSUKAHARA, K., OKADA, M., ASAMI, S., NISHIKAWA, Y., SAWAI, N., SAKURAI, T., Photoinduced electron transfer reactions of zinc and magnesium myoglobins [Nara Womens Univ., Dept. Chem., Nara, 630, Japan; Kanazawa Univ., Coll. Liberal Arts & Sci., Kanazawa, Ishikawa, 920, Japan]
- Vol. 132 (1994) 229-234
HARRIMAN, A., HEITZ, V., CHAMBRON, J.C., SAUVAGE, J.-P., Electronic coupling in oblique bisporphyrins [Univ. Texas, Ctr. Fast Kinet. Res., Austin, TX, 78712, USA; Univ. Strasbourg 1, Fac. Chem., Strasbourg, F-67070, France]
- Vol. 132 (1994) 235-242
HOSHINO, M., YAMAMOTO, K., LILLIS, J.P., CHIJIMATSU, T., UZAWA, J., Photochemical reactions of dioxygen containing metallo-porphyrins [Riken, Inst. Phys. & Chem. Res., Wako, Saitama, 35101, Japan]
- Vol. 132 (1994) 243-248
ASANO-SOMEDA, M., ICHINO, T., KAIZU, Y., A time-resolved ESR study on triplet-triplet energy

- transfer processes in a copper(II)-free-base porphyrin dimer [*Tokyo Inst. Technol., Dept. Chem., Tokyo, 152, Japan*]
- Vol. 132 (1994) 249-258
ZALESKI, J.M., TURRÓ, C., MUSSELL, R.D., NOCERA, D.G., Electron transfer reactions of geminate pairs at high exergonicities [*Michigan State Univ., Dept. Chem., East-Lansing, MI, 48824, USA; Michigan State Univ., Laser Lab., East-Lansing, MI, 48824, USA*]
- Vol. 132 (1994) 259-264
KALYANASUNDARAM, K., ZAKEERUDDIN, S.M., NAZEERUDDIN, M.K., Ligand to metal charge transfer transitions in Ru(III) and Os(III) complexes of substituted 2,2'-bipyridines [*Ecole Polytech. Fed. Lausanne, Inst. Chim. Phys., Lausanne, CH-1015, Switzerland*]
- Vol. 133 (1994) 3-9
OHTAKI, H., YAMASAKI, K., Interview of Kazuo Yamasaki [*Nagoya Univ., Nagoya, Nagoya, Aichi, 464, Japan*]
- Vol. 133 (1994) 11-17
KIDA, S., YAMAA, S., Interview of Shoichiro Yamada [*Osaka Univ., Osaka, 565, Japan*]
- Vol. 133 (1994) 19-24
MIYOSHI, K., YONED, H., Interview of Hayami Yoneda [*Okayama Univ. Sci., Okayama, Japan*]
- Vol. 133 (1994) 25-31
NAKAMURA, A., SAITO, K., Interview of Kazuo Saito [*Int. Christian Univ., Mitaka, Tokyo, 181, Japan*]
- Vol. 133 (1994) 33-38
FUJITA, J., YAMATERA, H., Interview of Hideo Yamatera [*Daido Inst. Technol., Nagoya, Aichi, Japan*]
- Vol. 133 (1994) 39-65
MARTELL, A.E., HANCOCK, R.D., MOTEKAITIS, R.J., Factors affecting stabilities of chelate, macrocyclic and macrobicyclic complexes in solution [*Texas A&M Univ., Dept. Chem., College Station, TX, 77843, USA; Univ. Witwatersrand, Dept. Chem., Johannesburg, 2001, South-Africa*]
- Vol. 133 (1994) 67-114
ALBANO, V.G., NATILE, G., PANUNZI, A., Five-coordinate alkene complexes of palladium(II) and platinum(II) [*Univ. Naples, Dept. Chem., Naples, I-80134, Italy; Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy; Univ. Bari, Dipartimento Farmacochim., Bari, I-70125, Italy*]
- Vol. 133 (1994) 115-217
CHAMPNESS, N.R., LEVASON, W., Coordination chemistry of stibine and bismuthine ligands [*Univ. Southampton, Dept. Chem., Southampton, Hants, SO9-5NH, England*]
- Vol. 133 (1994) 219-300
BARKER, J., KILNER, M., The coordination chemistry of the amidine ligand [*Univ. Durham, Dept. Chem., Durham, DH1-3LE, England*]
- Vol. 134 (1994) 1-90
NIXON, D.M., Molybdenum 1991 [*Univ. Cambridge, Chem. Lab., Cambridge, CB2-1EW, England*]
- Vol. 134 (1994) 91-169
POWELL, A.K., Iron 1991 [*Univ. East-Anglia, Sch. Chem. Sci., Norwich, Norfolk, NR4-7TJ, England*]
- Vol. 134 (1994) 171-187
BYRNE, J.J., DRAPER, S.M., Hafnium 1991 [*Trinity Coll. Dublin, Dept. Chem., Dublin, Ireland*]
- Vol. 134 (1994) 189-229
DRAPER, S.M., TWAMLEY, B., Zirconium 1991 [*Trinity Coll. Dublin, Dept. Chem., Dublin, Ireland*]
- Vol. 134A (1994) 1-73
HIGGINS, S.J., Nickel 1990 [*Univ. Liverpool, Dept. Chem., Liverpool, Merseyside, L69-3BX, England*]
- Vol. 134A (1994) 75-98
HOUSECROFT, C.E., Technetium 1990 [*Univ. Basel, Inst. Inorg. Chem., Basel, CH-4051, Switzerland*]
- Vol. 134A (1994) 99-131
KOCH, K.R., Zinc 1990 [*No address*]
- Vol. 134A (1994) 133-193
CONSTABLE, E.C., HOUSECROFT, C.E., Ruthenium 1990 [*Univ. Basel, Inst. Inorg. Chem., Basel, CH-4051, Switzerland*]
- Vol. 134A (1994) 195-305
DAVIES, M.B., Cobalt 1991 [*Univ. Toledo, Dept. Chem., Toledo, OH, 43606, USA*]
- Vol. 134A (1994) 307-341
HOUSECROFT, C.E., Rhodium 1991 [*Univ. Basel, Inst. Inorg. Chem., Basel, CH-4051, Switzerland*]
- Vol. 135/136 (1994) 1-15
GAMSIAGER, H., A celebration of inorganic lives - Interview of Viktor Gutmann [*No address*]
- Vol. 135/136 (1994) 17-63
IAKOVIDIS, A., HADJILIAS, N., Complex compounds of platinum(II) and (IV) with amino acids, peptides and their derivatives [*Univ. Ioannina, Dept. Chem., Ioannina, GR-45110, Greece*]
- Vol. 135/136 (1994) 65-92
CHAKRAVORTI, M.C., SUBRAHMANYAM, G.V.B., Electrosynthesis of coordination compounds by the dissolution of sacrificial metal anodes [*Indian Inst. Technol., Dept. Chem., Kharagpur, West-Bengal, 721302, India*]

- Vol. 135/136 (1994) 93-128
DANG, Y., Coordination chemistry of cyclopentadienyl titanium carboxylates and related complexes [Univ. North-Carolina, Dept. Chem., Chapel Hill, NC, 27599, USA]
- Vol. 135/136 (1994) 129-163
MITIWA, M., BONTCHEV, P.R., Coordination chemistry of N_6 macrocycles [Univ. Sofia, Dept. Chem., Sofia, BU-1126, Bulgaria]
- Vol. 135/136 (1994) 165-202
BLACK, C.B., HUANG, H.-W., COWAN, J.A., Biological coordination chemistry of magnesium, sodium, and potassium ions. Protein and nucleotide binding sites [Ohio State Univ., Evans Lab. Chem., Columbus, OH, 43210, USA]
- Vol. 135/136 (1994) 203-286
RIEGER, P.H., Electron paramagnetic resonance studies of low-spin d^5 transition metal complexes [Brown Univ., Dept. Chem., Providence, RI, 02912, USA]
- Vol. 135/136 (1994) 287-301
HOLLOWAY, C.E., MELNIK, M., Structural aspects of Grignard reagents [Slovak Tech. Univ., Dept. Inorg. Chem., Bratislava, 81237, Slovakia; York Univ., Dept. Chem., North-York, ON, M3J-1P3, Canada]
- Vol. 135/136 (1994) 303-324
HORVATH, O., Photochemistry of copper(I) complexes [Univ. Regensburg, Inst. Inorg. Chem., Regensburg, W-8400, Germany]
- Vol. 135/136 (1994) 325-397
TISATO, F., REFOSCO, F., BANDOLI, G., Structural survey of technetium complexes [Univ. Padua, Dipartimento Sci. Farmaceut., Padua, I-35131, Italy; Univ. Padua, CNR, Ist. Chim. & Tecnol. Inorg. & Mat. Avanzati, Padua, I-35020, Italy]
- Vol. 135/136 (1994) 399-427
GANGOPADHYAY, S., ALI, M., BANERJEE, P., Oxidation reactions of mononuclear manganese(III) complexes [Indian Assoc. Cultivat. Sci., Dept. Inorg. Chem., Calcutta, West-Bengal, 700032, India]
- Vol. 135/136 (1994) 429-468
LOULIOUDI, M., HADJILIADIS, N., Structural aspects of thiamine, its derivatives and their metal complexes in relation to the enzymatic action of thiamine enzymes [Univ. Ioannina, Dept. Chem., Ioannina, GR-45110, Greece; Technol. Inst. Athens, Dept. Chem. Phys. & Mat. Technol., Athens, Greece]
- Vol. 135/136 (1994) 469-515
SUDHA, N., SINGH, H.B., Intramolecular coordination in tellurium chemistry [Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, 400076, India]
- Vol. 135/136 (1994) 517-531
GIUFFRIDA, G., CAMPAGNA, S., Influence of peripheral ligands on the metal-metal interaction in dinuclear metal complexes with N -heterocyclic bridging ligands [Univ. Messina, Dipartimento Chim. Inorg. Anal. & Struttura Molec., Vill Sant Agata, I-98166, Italy]
- Vol. 135/136 (1994) 533-586
HOUSE, D.A., ROBINSON, W.T., MCKEE, V., Chloromercury(II) anions [Univ. Canterbury, Dept. Chem., Christchurch, New Zealand; Queens Univ. Belfast, Dept. Chem., Belfast, Antrim, BT9-5AG, North-Ireland]
- Vol. 135/136 (1994) 587-621
BUCKINGHAM, D.A., The linkage isomerism of thiocyanate bonded to cobalt(III) [Univ. Otago, Dept. Chem., Dunedin, New Zealand]
- Vol. 135/136 (1994) 623-650
KOELLE, U., Organometallic aqua ions of the transition metals [Rhein-Westfal TH Aachen, Inst. Inorg. Chem., Aachen, D-52074, Germany]
- Vol. 135/136 (1994) 651-684
GOULD, E.S., Redox chemistry of chromium(IV) complexes [Kent State Univ., Dept. Chem., Kent, OH, 44242, USA]
- Vol. 135/136 (1994) 685-735
KITAGAWA, T., MIZUTANI, Y., Resonance Raman spectra of highly oxidized metalloporphyrins and heme proteins [Okazaki Natl. Res. Inst., Inst. Mol. Sci., Okazaki, Aichi, 444, Japan]
- Vol. 135/136 (1994) 737-807
DIAS, P.B., DE PIEDADE, M.E.M., SIMOES, J.A.M., Bonding and energetics of phosphorus(III) ligands in transition metal complexes [Inst. Super. Tecn., Ctr. Quim. Estrutural, Lisbon, P-1096, Portugal; Inst. Super. Tecn., Dept. Engr. Quim., Lisbon, P-1096, Portugal]
- Vol. 135/136 (1994) 809-843
JAIN, V.K., The chemistry and applications of organotin(IV) complexes of phosphorus-based acids [Bhabha Atom Res. Ctr., Div. Chem., Bombay, Maharashtra, 400085, India]
- Vol. 135/136 (1994) 845-879
LIN, Z.Y., HALL, M.B., Transition metal polyhydride complexes: a theoretical view [Texas A&M Univ., Dept. Chem., College Station, TX, 77843, USA]
- Vol. 137 (1994) 1-52
MATHEY, F., The chemistry of phospho and polyphosphacyclopentadienide anions [Ecole Polytech., DCPH, Palaiseau, F-91128, France]
- Vol. 137 (1994) 53-107
KAUKORAT, T., NEDA, I., SCHMUTZLER, R., N,N',N' -trimethylethylenediamine as a substituent group at main group centers:

- intramolecular donor-acceptor interactions and unusual modes of coordination in compounds of silicon and phosphorus and their transition metal complexes [*Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Inorg. & Anal. Chem., Braunschweig, D-38023, Germany*]
- Vol. 137 (1994) 109-129
MANNERS, I., Sulfur-nitrogen-phosphorus polymers [*Univ. Toronto, Dept. Chem., Toronto, ON, M5S-1A1, Canada*]
- Vol. 137 (1994) 131-178
DRAKE, G.W., KOLIS, J.W., The chemistry of mixed 15/16 main group clusters [*Clemson Univ., Dept. Chem., Clemson, SC, 29634, USA*]
- Vol. 137 (1994) 179-199
JUTZI, P., DAHLHAUS, J., (Dimethylaminoethyl)cyclopentadienyl ligands in compounds of *s*- and *p*-block elements [*Univ. Bielefeld, Fac. Chem., Bielefeld, D-33615, Germany*]
- Vol. 137 (1994) 201-232
CHIVERS, T., HILTS, R.W., Coordination chemistry of unsaturated cyclic and acyclic PNS and PNSe ligands [*Univ. Calgary, Dept. Chem., Calgary, AB, T2N-1N4, Canada*]
- Vol. 137 (1994) 233-295
VERKADE, J.G., Main group atranes: chemical and structural features [*Iowa State Univ. Sci. & Technol., Dept. Chem., Ames, IA, 50011, USA*]
- Vol. 137 (1994) 297-322
VEITH, M., WEIDNER, S., KUNZE, K., KÄFER, D., HANS, J., HUCH, V., One-dimensional arrangements of metal atoms in transition metal carbonyl complexes of mixed main group metal alkoxides [*Univ. Saarland, Inst. Inorg. Chem., Saarbrücken, D-66041, Germany*]
- Vol. 137 (1994) 323-355
BERTRAND, G., REED, R., λ^3 -Phosphinocarbenes λ^3 -phosphaacetylenes [*CNRS, Coordinat. Chem. Lab., Toulouse, F-31077, France*]
- Vol. 137 (1994) 357-401
SUBRAMANIAN, S., ZAWOROTKO, M.J., Exploitation of the hydrogen bond: recent developments in the context of crystal engineering [*St. Mary's Univ., Dept. Chem., Halifax, NS, B3H-3C3, Canada*]
- Vol. 137 (1994) 403-481
EDELMAHNN, F.T., *N*-silylated benzamides: versatile building blocks in main group and coordination chemistry [*Univ. Göttingen, Inst. Inorg. Chem., Göttingen, D-37077, Germany*]
- Vol. 137 (1994) 483-524
AUBKE, F., WANG, C., Carbon monoxide as a σ -donor ligand in coordination chemistry [*Univ. British Columbia, Dept. Chem., Vancouver, BC, V6T-1Z1, Canada*]
- Vol. 137 (1994) 525-559
QUIN, L.D., Practical aspects of the chemistry of metaphosphates and other transient dioxophosphoranes [*Univ. Massachusetts, Dept. Chem., Amherst, MA, 01003, USA*]
- Vol. 138 (1995) 1-25
VITES, J.C., LYNAM, M.M., Manganese 1992 [*Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Sch. Med., Ann Arbor, MI, 48109, USA*]
- Vol. 138 (1995) 27-37
HOUSECROFT, C.E., Yttrium 1992 [*Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland*]
- Vol. 138 (1995) 39-70
DUNBAR, K.R., SAHARAN, V.P., Tungsten 1992 [*Michigan State Univ., Dept. Chem., East-Lansing, MI, 48824, USA*]
- Vol. 138 (1995) 71-86
VITES, J.C., LYNAM, M.M., Titanium 1992 [*Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Sch. Med., Ann Arbor, MI, 48109, USA*]
- Vol. 138 (1995) 87-119
BAILEY, P.J., Osmium 1992 [*Univ. Bristol, Sch. Chem., Bristol, Avon, BS8-1TS, England*]
- Vol. 138 (1995) 121-160
MORRIS, M.J., Molybdenum 1992 [*Univ. Sheffield, Dept. Chem., Sheffield, South-Yorkshire, S3-7HF, England*]
- Vol. 138 (1995) 161-179
KEE, T.P., Niobium 1992 [*Univ. Leeds, Sch. Chem., Leeds, West-Yorkshire, LS2-9JT, England*]
- Vol. 138 (1995) 181-194
KEE, T.P., Tantalum 1992 [*Univ. Leeds, Sch. Chem., Leeds, West-Yorkshire, LS2-9JT, England*]
- Vol. 138 (1995) 195-217
BYERS, P.K., Palladium 1992 [*Univ. Birmingham, Sch. Chem., Birmingham, West-Midlands, B15-2TT, England*]
- Vol. 138 (1995) 219-296
CHAN, S., WONG, W.T., Ruthenium 1992 [*Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong*]
- Vol. 139 (1995) 3-16
BJERRUM, M.J., BJERRUM, O.J., A celebration of inorganic lives - A survey of Jannik Bjerrum's life and scientific work based upon his private notes and adapted to the present form by the authors [*Royal Vet. & Agr. Univ., Dept. Chem., Frederiksberg, DK-1871, Denmark; Tech. Univ. Denmark, Dept. Biochem. & Nutr., Lyngby, DK-2800, Denmark*]

- Vol. 139 (1995) 17-243
GUERRIERO, P., TAMBURINI, S., VIGATO, P.A., From mononuclear to polynuclear macrocyclic or macrocyclic complexes [Univ. Padua, CNR, Ist. Chim. & Tecnol. Inorg. & Mat. Avanzati, Padua, I-35100, Italy]
- Vol. 139 (1995) 245-280
NELSON, J.H., Characterization of diastereomers by $^{31}\text{P}\{^1\text{H}\}$ NMR spectroscopy [Univ. Nevada, Dept. Chem., Reno, NV, 89557, USA]
- Vol. 139 (1995) 281-311
MIZOBE, Y., ISHII, Y., HIDAI, M., Synthesis and reactivities of diazoalkane complexes [Univ. Tokyo, Fac. Engn., Tokyo, 113, Japan]
- Vol. 139 (1995) 313-374
RAWSON, J.M., WINPENNY, R.E.P., The coordination chemistry of 2-pyridone and its derivatives [Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, EH9-3JJ, Scotland]
- Vol. 139 (1995) 375-407
KUKUSHKIN, V.YU., Metal-ion mediated deoxygenation of sulfoxides [St. Petersburg State Univ., Dept. Chem., St. Petersburg, 198904, Russia]
- Vol. 140 (1995) 1-25
MITEWA, M., Coordination properties of the bioligands creatinine and creatine in various reaction media [Univ. Sofia, Dept. Chem., Sofia, BU-1126, Bulgaria]
- Vol. 140 (1995) 27-36
FANNING, J.C., The solubilities of the alkali metal salts and the precipitation of Cs^+ from aqueous solution [Clemson Univ., Dept. Chem., Clemson, SC, 29634, USA]
- Vol. 140 (1995) 37-114
PANDEY, K.K., Reactivities of carbonyl sulfide (COS), carbon disulfide (CS_2) and carbon dioxide (CO_2) with transition metal complexes [Devi Ahilya Univ. Indore, Sch. Chem., Indore, 452001, India]
- Vol. 140 (1995) 115-135
KABISOVA, M., BOCA, R., MELNIK, M., VALIGURA, D., DUNAJ-JURCO, M., Bonding properties of thiocyanate groups in copper(II) and copper(I) complexes [Slovak Tech. Univ., Dept. Inorg. Chem., Bratislava, CS-81237, Slovakia]
- Vol. 140 (1995) 137-168
BRAND, H., ARNOLD, J., Recent developments in the chemistry of early transition metal porphyrin compounds [Univ. California Berkeley, Dept. Chem., Berkeley, CA, 94720, USA]
- Vol. 140 (1995) 169-187
ZAKRZEWSKI, J., GIANNOTI, C., Axial coordination of azaferrrocene to transition metal macrocyclic complexes: photoactivation of the macrocycle [Univ. Lodz, Dept. Org. Chem., Lodz, PL-90136, Poland; Inst. Chim. Subst. Nat., CNRS, Gif sur Yvette, F-91198, France]
- Vol. 140 (1995) 189-214
KATSUKI, T., Catalytic asymmetric oxidations using optically active (salen)manganese(III) complexes as catalysts [Kyushu Univ., Fac. Sci., Fukuoka, 812, Japan]
- Vol. 141 (1995) 1-61
KILIMANN, U., EDELMANN, F.T., Lanthanides and actinides. Annual survey covering the year 1992 [Otto von Guericke Univ., Inst. Chem., Magdeburg, Germany]
- Vol. 141 (1995) 63-152
RICHMOND, M.G., Annual survey of ruthenium and osmium for the year 1993 [Univ. North-Texas, Ctr. Organomet. Chem. & Educ., Denton, TX, 76203, USA]
- Vol. 141 (1995) 153-369
HEGEDUS, L.S., Transition metals in organic synthesis. Annual survey covering the year 1993 [Colorado State Univ., Dept. Chem., Fort Collins, CO, 80523, USA]
- Vol. 141 (1995) 371-493
UNGVÁRY, F., Transition metals in organic synthesis: hydroformylation, reduction, and oxidation. Annual survey covering the year 1993 [Univ. Veszprém, Inst. Org. Chem., Veszprém, H-8200, Hungary]
- Vol. 142 (1995) 1-20
VITES, J.C., LYNAM, M.M., Rhenium 1992 [Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Sch. Med., Ann Arbor, MI, 48109, USA]
- Vol. 142 (1995) 21-41
HOUSECROFT, C.E., Technetium 1992 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 142 (1995) 43-99
NORDLANDER, E., WHALEN, A.M., Iron 1992 [Lund Univ., Ctr. Chem., Lund, S-22100, Sweden]
- Vol. 142 (1995) 101-121
HOUSECROFT, C.E., Gold 1992 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 142 (1995) 123-145
BYERS, P.K., Platinum 1992 [Univ. Birmingham, Sch. Chem., Birmingham, West-Midlands, B15-2TT, England]
- Vol. 142 (1995) 147-152
HOUSECROFT, C.E., Scandium 1992 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]

- Vol. 142 (1995) 153-246
FOULDS, G.A., Nickel 1991 [James Cook Univ. North-Queensland, Dept. Mol. Sci., Townsville, QLD, 4811, Australia]
- Vol. 143 (1995) 1-34
THIMMAPPA, B.H.S., Low-valent metal clusters - an overview [Natl. Chem. Lab., Div. Inorg. Chem., Poona, Maharashtra, 411008, India]
- Vol. 143 (1995) 35-69
KRAATZ, H.B., BOORMAN, P.M., Confacial bioctahedral complexes of molybdenum and tungsten [Univ. Calgary, Dept. Chem., Calgary, AB, T2N-1N4, Canada]
- Vol. 143 (1995) 71-96
GRIMES, R.N., Cluster forming and cage fusion in metallocarborane chemistry [Univ. Virginia, Dept. Chem., Charlottesville, VA, 22901, USA]
- Vol. 143 (1995) 97-111
SUSS-FINK, G., MEISTER, A., MEISTER, G., Clusters and water: build-up of multinuclear organometallic compounds in aqueous solution [Univ. Neuchatel, Inst. Chim., Neuchatel, CH-2000, Switzerland]
- Vol. 143 (1995) 113-168
LANG, H., KOHLER, K., BLAU, S., η^2 -Alkyne copper(I) and silver(I) compounds; from polymeric $[M^I R]_n$ to monomeric $[M^I R]$ units ($M = Cu, Ag$) [Univ. Heidelberg, Inst. Inorg. Chem., Heidelberg, D-69120, Germany]
- Vol. 143 (1995) 169-218
TEMME, F.P., An overview of higher n -fold exo cage spin clusters, including $(t\text{-}A)^{13}C$ -fullerenes, under $SU(m \leq n/2) \times_n$ and model $SU(m) \times_{n+1}$, dual spin symmetries of nuclear magnetic resonance [Queens Univ., Dept. Chem., Kingston, ON, K7L-3N6, Canada]
- Vol. 143 (1995) 219-263
PIGNOLET, L.H., AUBART, M.A., CRAIGHEAD, K.L., GOULD, R.A.T., KROGSTAD, D.A., WILEY, J.S., Phosphine-stabilized, platinum-gold and palladium-gold cluster compounds and applications in catalysis [Univ. Minnesota, Dept. Chem., Minneapolis, MN, 55455, USA]
- Vol. 143 (1995) 265-295
CHEN, L.Z., POE, A.J., Associative reactions of metal carbonyl clusters: systematic kinetic studies of some ruthenium and other clusters [Univ. Toronto, Lash Miller Chem. Labs, Toronto, ON, M5S-1A1, Canada]
- Vol. 143 (1995) 297-330
HOUSECROFT, C.E., Transition metal boride clusters at the molecular level [Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 143 (1995) 331-381
MCGLINCHAY, M.J., GIRARD, L., RUFFOLO, R., Cluster-stabilized cations: syntheses, structures, molecular dynamics and reactivity [McMaster Univ., Dept. Chem., Hamilton, ON, L8S-4M1, Canada]
- Vol. 143 (1995) 383-406
LENTZ, D., Bisalkylidyne cluster compounds of iron [Free Univ. Berlin, Inst. Inorg. & Anal. Chem., Berlin, D-14195, Germany]
- Vol. 143 (1995) 407-455
HILL, C.L., PROSSER-McCARTHA, C.M., Homogeneous catalysis by transition metal oxygen anion clusters [Emory Univ., Dept. Chem., Atlanta, GA, 30322, USA]
- Vol. 143 (1995) 457-500
XIAO, J.L., PUDDIPHATT, R.J., Pt-Re clusters and bimetallic catalysts [Univ. Western Ontario, Dept. Chem., London, ON, N6A-5B7, Canada]
- Vol. 143 (1995) 501-533
COMSTOCK, M.C., SHAPLEY, J.R., Hydrocarbyl ligand derivatives of group 6 group 9 heterometallic clusters [Univ. Illinois, Sch. Chem. Sci., Urbana, IL, 61801, USA]
- Vol. 143 (1995) 535-609
WADEPOHL, H., GEBERT, S., (Cyclopentadienyl) metal cluster complexes of the group 9 transition metals [Univ. Heidelberg, Inst. Inorg. Chem., Heidelberg, D-69120, Germany]
- Vol. 143 (1995) 611-636
TEO, B.K., ZHANG, H., Polyicosahedricity: icosahedron to icosahedron of icosahedra growth pathway for bimetallic (Au-Ag) and trimetallic (Au-Ag-M; $M = Pt, Pd, Ni$) supraclusters; synthetic strategies, site preference, and stereochemical principles [Univ. Illinois, Dept. Chem., Chicago, IL, 60607, USA]
- Vol. 143 (1995) 637-678
HALET, J.F., Limitations of the polyhedral skeletal electron pair theory in organometallic cluster chemistry: examples in tri and tetrametallic systems [Univ. Rennes I, Chim. Solide & Inorg. Mol. Lab., Rennes, F-35042, France]
- Vol. 144 (1995) 1-38
MANCHANDA, R., BRUDVIG, G.W., CRABTREE, R.H., High-valent oxomanganese clusters: structural and mechanistic work relevant to the oxygen-evolving center in photosystem II [Yale Univ., Dept. Chem., New Haven, CT, 06520, USA]
- Vol. 144 (1995) 39-68
BEDIOU, F., Zeolite-encapsulated and clay-intercalated metal porphyrin, phthalocyanine and Schiff-base complexes as models for biomimetic oxidation catalysts: an overview [Ecole Natl. Super. Chim., Electrochim. & Chim. Anal. Lab., Paris, F-75231, France]

- Vol. 144 (1995) 69-145
BAZHENOVA, T.A., SHILOV, A.E., Nitrogen fixation in solution [Russian Acad. Sci., Inst. Chem. Phys., Chernogolovka, 142432, Russia]
- Vol. 144 (1995) 147-197
WOEHL, E.U., DUNN, M.F., The roles of Na^+ and K^+ in pyridoxal phosphate enzyme catalysis [Univ. California Riverside, Dept. Biochem., Riverside, CA, 92521, USA]
- Vol. 144 (1995) 199-244
NOODLEMAN, L., PENG, C.Y., CASE, D.A., MOUESCA, J.-M., Orbital interactions, electron delocalization and spin coupling in iron-sulfur clusters [Scripps Clin. & Res. Inst., Dept. Mol. Biol., La Jolla, CA, 92037, USA; CEA, Ctr. Etud. Nucl. Grenoble, Grenoble, F-38041, France]
- Vol. 144 (1995) 245-286
RIGGS-GELASCO, P.J., STEMMER, T.L., PENNER-HAHN, J.E., XAFS of dinuclear metal sites in proteins and model compounds [Univ. Michigan, Dept. Chem., Ann Arbor, MI, 48109, USA]
- Vol. 144 (1995) 287-319
SIGEL, H., Intramolecular equilibria in metal ion complexes of artificial nucleotide analogues with antiviral properties. A case study [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 144 (1995) 321-345
BERTINI, I., BRIGANTI, F., MANGANI, S., NOLTING, H.F., SCOZZAFAVA, A., Biophysical investigation of bacterial aromatic extradiol dioxygenases involved in biodegradation processes [Univ. Florence, Dept. Chem., Florence, I-50121, Italy]
- Vol. 144 (1995) 347-368
PROULX-CURRY, P.M., CHASTEEN, N.D., Molecular aspects of iron uptake and storage in ferritin [Univ. New Hampshire, Dept. Chem., Durham, NH, 03824, USA]
- Vol. 144 (1995) 369-460
SOLOMON, E.I., PAVEL, E.G., LOEB, K.E., CAMPOCHIARO, C., Magnetic circular dichroism spectroscopy as a probe of the geometric and electronic structure of non-heme ferrous enzymes [Stanford Univ., Dept. Chem., Stanford, CA, 94305, USA]
- Vol. 144 (1995) 461-511
STILLMAN, M.J., Metallothioneins [Univ. Western Ontario, Dept. Chem., London, ON, N6A-5B7, Canada]
- Vol. 145 (1995) 1-25
DRIESS, M., Some aspects of the chemistry of silylidene-phosphanes and -arsanes [Univ. Heidelberg, Inst. Inorg. Chem., Heidelberg, D-69120, Germany]
- Vol. 145 (1995) 27-54
NORMAN, N.C., PICKETT, N.L., Phosphine complexes of the heavier *p*-block elements: aspects of structure and bonding [Univ. Newcastle upon Tyne, Dept. Chem., Newcastle upon Tyne, Tyne & Wear, NE1-7RU, England]
- Vol. 145 (1995) 55-73
VAUGEOIS, J., SIMARD, M., WUEST, J.D., Multiple coordination of carbonyl compounds by multidentate main group Lewis acids [Univ. Montreal, Dept. Chem., Montreal, PQ, H3C-3J7, Canada]
- Vol. 145 (1995) 75-124
LICKISS, P.D., SMITH, C.M., Silicon derivatives of the metals of groups 1 and 2 [Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, SW7-2AY, England]
- Vol. 145 (1995) 125-156
WRACKMEYER, B., 1,1-organoboration of alkynylsilicon, -germanium, -tin and -lead compounds [Univ. Bayreuth, Inorg. Chem. Lab., Bayreuth, D-95440, Germany]
- Vol. 145 (1995) 157-200
BAINES, K.M., STIBBS, W.G., The molecular structure of organogermanium compounds [Univ. Western Ontario, Dept. Chem., London, ON, N6A-5B7, Canada]
- Vol. 145 (1995) 201-258
NIXON, J.F., Recent developments in the organometallic chemistry of phospho-alkynes, $\text{RC}\equiv\text{P}$ [Univ. Sussex, Sch. Chem. & Mol. Sci., Brighton, East-Sussex, BN1-9QJ, England]
- Vol. 146 (1995) 1-15
VITES, J.C., LYNAM, M.M., Titanium 1993 [Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Dept. Civil & Environm. Engn., Ann Arbor, MI, 48109, USA]
- Vol. 146 (1995) 17-36
KEE, T.P., Niobium and tantalum 1993 [Univ. Leeds, Sch. Chem., Leeds, West-Yorkshire, LS2-9JT, England]
- Vol. 146 (1995) 37-41
HOUSECROFT, C.E., Scandium 1993 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146 (1995) 43-97
MORRIS, M.J., Molybdenum 1993 [Univ. Sheffield, Dept. Chem., Sheffield, South-Yorkshire, S3-7HF, England]
- Vol. 146 (1995) 99-113
WARD, M.D., Osmium 1993 [Univ. Bristol, Sch. Chem., Bristol, Avon, BS8-1TS, England]
- Vol. 146 (1995) 115-201
HIGGINS, S.J., Nickel 1993 [Univ. Liverpool, Dept. Chem., Liverpool, Merseyside, L69-3BX, England]

- Vol. 146 (1995) 203-210
KAKKAR, A.K., KHAN, M.S., Vanadium 1990 [McGill Univ., Dept. Chem., Montreal, PQ, H3A-2K6, Canada; Sultan Qaboos Univ., Coll. Sci., Muscat, Oman]
- Vol. 146 (1995) 211-233
HOUSECROFT, C.E., Silver 1992 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146 (1995) 235-267
HOUSECROFT, C.E., Rhodium 1992 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146 (1995) 269-281
HOUSECROFT, C.E., Iridium 1992 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146A (1995) 1-90
FOULDS, G.A., Nickel 1992 [James Cook Univ. North-Queensland, Dept. Mol. Sci., Townsville, QLD, 4811, Australia]
- Vol. 146A (1995) 91-140
DRAPER, S.M., TWAMLEY, B., Zirconium 1992 [Trinity Coll. Dublin, Dept. Chem., Dublin, Ireland]
- Vol. 146A (1995) 141-153
DRAPER, S.M., KELLY, N., Hafnium 1992 [Trinity Coll. Dublin, Dept. Chem., Dublin, Ireland]
- Vol. 146A (1995) 155-165
HOUSECROFT, C.E., Yttrium 1993 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146A (1995) 167-189
VITES, J.C., LYNAM, M.M., Manganese 1993 [Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Dept. Civil & Environm. Engr., Ann Arbor, MI, 48109, USA]
- Vol. 146A (1995) 191-206
HOUSECROFT, C.E., Technetium 1993 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146A (1995) 207-224
VITES, J.C., LYNAM, M.M., Rhenium 1993 [Eastern Michigan Univ., Dept. Chem., Ypsilanti, MI, 48197, USA; Univ. Michigan, Dept. Civil & Environm. Engr., Ann Arbor, MI, 48109, USA]
- Vol. 146A (1995) 225-306
NORDLANDER, E., WHALEN, A.M., PRESTOPINO, F., Iron 1993 [Lund Univ., Ctr. Chem., Lund, S-22100, Sweden; Univ. Bologna, Dept. Chem. G. Ciamician, Bologna, I-40126, Italy]
- Vol. 146A (1995) 307-384
WONG, W.Y., WONG, W.T., Ruthenium 1993 [Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]
- Vol. 146A (1995) 385-408
HOUSECROFT, C.E., Gold 1993 [Univ. Basel, Inst. Inorg. Chem., Basel, CH-4056, Switzerland]
- Vol. 146A (1995) 409-429
BYERS, P.K., Palladium 1993 [Univ. Birmingham, Sch. Chem., Birmingham, West-Midlands, B15-2TT, England]
- Vol. 146A (1995) 431-450
BYERS, P.K., Platinum 1993 [Univ. Birmingham, Sch. Chem., Birmingham, West-Midlands, B15-2TT, England]
- Vol. 147 (1996) 1-39
ZHANG, Z.-Z., CHENG, H., Chemistry of 2-(diphenylphosphino)pyridine [Nankai Univ., Elementoorg. Chem. Lab., Tianjin, 300071, P.R. China]
- Vol. 147 (1996) 41-86
STUZHIN, P.A., KHELEVINA, O.G., Azaporphyrins: structure of the reaction centre and reactions of complex formation [State Acad. Chem. Technol., Ivanovo, 153460, Russia]
- Vol. 147 (1996) 87-115
GORDON, M.S., CUNDARI, T.R., Effective core potential studies of transition metal bonding, structure and reactivity [Iowa State Univ. Sci. & Technol., Dept. Chem., Ames, IA, 50011, USA; Memphis State Univ., Dept. Chem., Memphis, TN, 38152, USA]
- Vol. 147 (1996) 117-146
SILVESTRU, C., HAIDUC, I., Structural patterns in inorganic and organoantimony derivatives of oxo- and thiodiorganophosphorus ligands [Babes Bolyai Univ., Dept. Chem., Cluj-Napoca, R-3400, Romania; Univ. Nacl. Autonoma Mexico, Inst. Chem., Mexico City, DF, Mexico]
- Vol. 147 (1996) 147-208
STEPHAN, D.W., NADASDI, T.T., Early transition metal thiolates [Univ. Windsor, Dept. Chem. & Biochem., Windsor, ON, N9B-3P4, Canada]
- Vol. 147 (1996) 209-246
DEWIT, D.G., Reactivity of mononuclear rhodium(II) compounds [Augustana Coll., Dept. Chem., Rock-Island, IL, 61201, USA]
- Vol. 147 (1996) 247-297
SADIMENKO, A.P., BASSON, S.S., Organometallic complexes of heterocycles. II. Complexes of pyrazoles [Univ. Orange Free State, Dept. Chem., Bloemfontein, 9301, South-Africa]

- Vol. 147 (1996) 299-338
MICHELIN, R.A., MOZZON, M., BERTANI, R., Reactions of transition metal-coordinated nitriles [Univ. Padua, Ist. Chim. Ind., Padua, I-35131, Italy; Univ. Padua, Fac. Engn., Padua, I-35131, Italy]
- Vol. 147 (1996) 339-371
DERONZIER, A., MOUTET, J.-C., Polypyrrole films containing metal complexes: syntheses and applications [Univ. Grenoble I, Lab. Electrochim. Org. & Photochim. Redox, Grenoble, F-38041, France]
- Vol. 147 (1996) 373-442
RICHTER, J., EDELMANN, F.T., Lanthanides and actinides. Annual survey of their organometallic chemistry covering the year 1993 [Otto von Guericke Univ., Inst. Chem., Magdeburg, Germany]
- Vol. 147 (1996) 443-545
HEGEDUS, L.S., Transition metals in organic synthesis highlights for the year 1994 [Colorado State Univ., Dept. Chem., Fort Collins, CO, 80523, USA]
- Vol. 147 (1996) 547-570
UNGVÁRY, F., Application of transition metals in hydroformylation. Annual survey covering the year 1994 [Univ. Veszprém, Inst. Org. Chem., Veszprém, H-8200, Hungary]
- Vol. 147 (1996) 571-595
REGER, D.L., Poly(pyrazolyl) borate complexes of gallium and indium [Univ. South-Carolina, Dept. Chem. & Biochem., Columbia, SC, 29208, USA]
- Vol. 148 (1996) 1-17
TSUKUBE, H., Armed crown ether complexes in supramolecular assembly [Okayama Univ., Fac. Sci., Okayama, 700, Japan]
- Vol. 148 (1996) 19-40
COLLINSON, S.R., FENTON, D.E., Metal complexes of bibrachial Schiff base macrocycles [Univ. Sheffield, Dept. Chem., Sheffield, South-Yorkshire, S3-7HF, England]
- Vol. 148 (1996) 41-61
KIMURA, K., Photocontrol of ionic conduction by photochromic crown ethers [Osaka Univ., Fac. Engn., Osaka, 565, Japan]
- Vol. 148 (1996) 63-69
COLLIN, J.-P., HARRIMAN, A., HEITZ, V., ODOBEL, F., SAUVAGE, J.-P., Transition metal-assembled multiporphyrinic systems as models of photosynthetic reaction centre [Univ. Strasbourg I, CNRS, Strasbourg, F-67000, France; Univ. Texas, Ctr. Fast Kinet. Res., Austin, TX, 78712, USA]
- Vol. 148 (1996) 71-96
MORI, A., KUBO, K., TAKESHITA, H., Synthesis and metallophilic properties of tropenoid thiocrown ethers [Kyushu Univ., Inst. Adv. Mat. Study, Kasuga, Fukuoka, 816, Japan; Kyushu Univ., Grad. Sch. Engn. Sci., Kasuga, Fukuoka, 816, Japan]
- Vol. 148 (1996) 97-113
HABATA, Y., AKABORI, S., Alkylphosphoric acid armed crown ethers having a specific cation binding ability [Toho Univ., Fac. Sci., Funabashi, Chiba, 274, Japan]
- Vol. 148 (1996) 115-133
HARADA, A., Preparation and structures of supramolecules between cyclodextrins and polymers [Osaka Univ., Fac. Sci., Toyonaka, Osaka, 560, Japan]
- Vol. 148 (1996) 135-149
KOBIRI, K., New class of lithium ion selective crown ethers with bulky decalin subunits [Niihama Natl. Coll. Technol., Niihama, Ehime, 792, Japan]
- Vol. 148 (1996) 151-169
NABESHIMA, T., Regulation of ion recognition by utilizing information at the molecular level [Univ. Tsukuba, Dept. Chem., Tsukuba, Ibaraki, 305, Japan]
- Vol. 148 (1996) 171-181
OUCHI, M., HAKUSHI, T., Cation binding by thallium(I) selective crown ethers [Himeji Inst. Technol., Fac. Engn., Himeji, Hyogo, 67122, Japan]
- Vol. 148 (1996) 183-197
TAMIAKI, H., Supramolecular structure in extramembraneous antennae of green photosynthetic bacteria [Ritsumeikan Univ., Fac. Sci. & Engn., Kusatsu, Shiga, 52577, Japan]
- Vol. 148 (1996) 199-219
NAEMURA, K., TOBE, Y., KANEDA, T., Preparation of chiral and meso-crown ethers incorporating cyclohexane-1,2-diol derivatives as a steric barrier and their complexation with chiral and achiral amines [Osaka Univ., Fac. Engn., Osaka, 560, Japan; Osaka Univ., Inst. Sci. & Ind. Res., Osaka, 567, Japan]
- Vol. 148 (1996) 221-248
COSTAMAGNA, J., FERRAUDI, G., CANALES, J., VARGAS, J., Carbon dioxide activation by azamacrocyclic complexes [Univ. Santiago Chile, Fac. Chem. & Biol., Santiago, Chile; Univ. Notre Dame, Radiat. Lab., Notre Dame, IN, 46556, USA; Univ. Metropolitana Ciencias Educ., Fac. Sci., Santiago, Chile]
- Vol. 148 (1996) 249-264
FUJITA, M., OGURA, K., Transition-metal-directed assembly of well-defined organic architectures possessing large voids: from macrocycles to [2]catenanes [Chiba Univ., Fac. Engn., Yayoicho, Chiba, 263, Japan]

Vol. 148 (1996) 265-283

INOUE, M., Artificial-signaling receptors for biologically important chemical species [Univ. Osaka Prefecture, Dept. Appl. Mat. Sci., Osaka, 593, Japan]

Vol. 148 (1996) 285-299

SUGIHARA, H., HIRATANI, K., 1,10-Phenanthroline derivatives as ionophores for alkali metal ions [Natl. Inst. Mat. & Chem. Res., Tsukuba, Ibaraki, 305, Japan]

Vol. 148 (1996) 301-314

MUYAKE, H., KOJIMA, Y., Macrocyclic pseudopeptides containing *N,N'*-ethylene-bridged-dipeptide units: synthesis, binding properties toward metal and organic ammonium cations, and conformations. The first step in designing artificial metalloproteins [Osaka City Univ., Fac. Sci., Osaka, 558, Japan]

Vol. 148 (1996) 315-347

HANCOCK, R.D., MAUMELA, H., DE SOUSA, A.S., Macrocyclic ligands with pendent amide and alcoholic oxygen donor groups [Univ. Witwatersrand, Dept. Chem., Johannesburg, 2050, South-Africa]

Vol. 148 (1996) 349-368

LINDOY, L.F., Outer-sphere and inner-sphere complexation of cations by the natural ionophore lasalocid A [James Cook Univ. North-Queensland, Dept. Mol. Sci., Townsville, QLD, 4811, Australia]

Vol. 149 (1996) 1-9

WILLIAMS, R.J.P., Aluminum and biological systems: an introduction [Univ. Oxford, Inorg. Chem. Lab., Oxford, OX1-3QR, England]

Vol. 149 (1996) 11-22

CORAIN, B., BOMBI, G.G., TAPPARO, A., PERAZZOLO, M., ZATTA, P., Aluminum toxicity and metal speciation: established data and open questions [Univ. Laquila, Dipartimento Chim. Ingn. Chim. & Mat., Laquila, I-67100, Italy; Univ. Padua, Dipartimento Chim. Inorg. Met. Org. & Anal., Padua, I-35131, Italy; Glaxo Ric, Verona, I-37135, Italy; Univ. Padua, Dept. Biol., Padua, I-35131, Italy]

Vol. 149 (1996) 23-32

MARTIN, R.B., Ternary complexes of Al^{3+} and F^- with a third ligand [Univ. Virginia, Dept. Chem., Charlottesville, VA, 22903, USA]

Vol. 149 (1996) 33-57

ÖHMAN, L.-O., SJÖBERG, S., The experimental determination of thermodynamic properties for aqueous aluminum complexes [Umeå Univ., Dept. Inorg. Chem., Umeå, S-90187, Sweden]

Vol. 149 (1996) 59-80

POWELL, A.K., HEATH, S.L., X-ray structural analysis of biologically relevant aluminum(III) complexes [Univ. East-Anglia, Sch. Chem. Sci., Norwich, Norfolk, NR4-7TJ, England]

Vol. 149 (1996) 81-93

SMITH, R.W., Kinetic aspects of aqueous aluminum chemistry: environmental implications [Univ. Nevada, Dept. Chem. & Met. Engr., Reno, NV, 89557, USA]

Vol. 149 (1996) 95-111

NELSON, D.J., Aluminum complexation with nucleoside di- and triphosphates and implication in nucleoside binding proteins [Clark Univ., Gustaf H. Carlson Sch. Chem., Worcester, MA, 01610, USA]

Vol. 149 (1996) 113-124

HAUG, A., VITTORELLO, V., Aluminum coordination to calmodulin: thermodynamic and kinetic aspects [Michigan State Univ., Dept. Microbiol., East-Lansing, MI, 48824, USA; Michigan State Univ., Dept. Bot., East-Lansing, MI, 48824, USA; Univ. Sao Paulo, Ctr. Energia Nucl. & Agr., Piracicaba, SP, Brazil]

Vol. 149 (1996) 125-165

FASMAN, G.D., Aluminum and Alzheimer's disease: model studies [Brandeis Univ., Grad. Dept. Biochem., Waltham, MA, 02254, USA]

Vol. 149 (1996) 167-177

ROWATT, E., WILLIAMS, R.J.P., The interaction of aluminum with silicic acid in the presence and absence of a phosphorylated protein [Univ. Coll. London, Sch. Med., London, W1N-8AA, England; Univ. Oxford, Inorg. Chem. Lab., Oxford, England]

Vol. 149 (1996) 179-191

LAUSSAC, J.-P., ORLEWSKI, P., CUNG, M.-T., Three-dimensional structure of Al^{3+} -containing peptides by NMR and molecular modeling study: complexation of a thymic hormone [CNRS, Coordinat. Chem. Lab., Toulouse, F-31077, France; Ecole Natl. Supér. Ind. Chim., Inst. Natl. Polytech. Lorraine, Nancy, F-54001, France]

Vol. 149 (1996) 193-229

ARAMINI, J.M., SAPONIA, J.A., VOGEL, H.J., Spectroscopic studies of the interaction of aluminum(III) with transferrins [Univ. Calgary, Dept. Biol. Sci., Calgary, AB, T2N-1N4, Canada]

Vol. 149 (1996) 231-240

BIRCHALL, J.D., BELLIA, J.P., ROBERTS, N.B., On the mechanisms underlying the essentiality of silicon - interactions with aluminum and copper [Univ. Keele, Dept. Chem., Keele, Staffs, ST5-5BG, England; Royal Liverpool Univ. Hosp., Dept. Clin. Chem., Liverpool, Merseyside, England]

Vol. 149 (1996) 241-280

BERTHON, G., Chemical speciation studies in relation to aluminum metabolism and toxicity [INSERM, Toulouse, F-31400, France]

Vol. 149 (1996) 281-309

JORDAN, P.A., CLAYDEN, N.J., HEATH, S.L.,
MOORE, G.R., POWELL, A.K., TAPPARO, A.,
Defining speciation profiles of Al^{3+} complexed
with small organic ligands: the Al^{3+} -heidi
system [*Univ. East-Anglia, Sch. Chem. Sci.,
Norwich, Norfolk, NR4-7TJ, England; Univ.
Padua, Dipartimento Chim. Inorg. Met. Org. &
Anal., Padua, Italy*]

Vol. 149 (1996) 311-328

MARTELL, A.E., HANCOCK, R.D., SMITH, R.M.,
MOTOKAITIS, R.J., Coordination of $Al(III)$ in the
environment and in biological systems [*Texas
A&M Univ., Dept. Chem., College Station, TX,
77843, USA; Univ. Witwatersrand, Dept.
Chem., Johannesburg, South-Africa*]

Vol. 149 (1996) 329-346

KISS, T., ZATTA, P., CORAIN, B., Interaction of
aluminum(III) with phosphate-binding sites:
biological aspects and implications [*Lajos
Kossuth Univ., Dept. Inorg. & Anal. Chem.,*

*Debrecen, H-4010, Hungary; Univ. Padua,
CNR, Ctr. Met. Prot., Padua, I-35131, Italy;
Univ. Aquila, Dipartimento Chim. Ingn. Chim.
& Mat., Coppito, I-67010, Italy*]

Vol. 149 (1996) 347-365

HARRIS, W.R., Binding and transport of
aluminum by serum proteins [*Univ. Missouri,
Dept. Chem., St. Louis, MO, 63121, USA*]

Vol. 149 (1996) 367-400

FAVERO, G., JOBSTRA-IBIZER, P., The
distribution of aluminum in the Earth: from
cosmogenesis to Sial evolution [*Univ. Padua,
Dipartimento Chim. Inorg. Met. Org. & Anal.,
Padua, I-35131, Italy; Univ. Padua,
Dipartimento Mineral & Petrol., Padua, I-
35137, Italy*]

Vol. 150 (1996) 1-296

BERTINI, I., LUCHINAT, C., NMR of
paramagnetic substances [*Univ. Florence, Dept.
Chem., Florence, I-50121, Italy*]