

Subject Index of Volume 509

Acetonitrile complexes

Cationic rhenium allyl complex $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})_2][\text{BF}_4]$ and its acetonitrile derivatives $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})(\text{NCMe})][\text{BF}_4]$ and $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NCMe})_2][\text{BF}_4]$. Products of reactions with borohydride, methoxide and trimethylphosphine, and the X-ray crystal structure of the bis-ethylamine complex [*endo*- $\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NH}_2\text{Et})_2][\text{ReO}_4]$.*solv* (Y.-X. He, R.J. Batchelor, F.W.B. Einstein and D. Sutton), 37

Acyl ferrocene

Asymmetric aldol condensation of acetyl ferrocene with aromatic aldehydes via the formation of the β -cyclodextrin inclusion complexes (Y.-M. Li, X.-J. Yao, X. Feng, X.-M. Wang and J.-T. Wang), 221

Alkene complexes

Photochemical synthesis, spectroscopic properties and barriers to alkene rotation in the novel bis(alkene)tetracarbonyl complexes of tungsten (M. Jaroszewski, T. Szymańska-Buzar, M. Wilgocki and J.J. Ziółkowski), 19

Alkylation

Preparation, spectra and structure of $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{L})(\text{CN})(\mu\text{-CO})(\mu\text{-CN}(\text{R}'\text{R}))]$, $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{CO})(\text{CN})(\mu\text{-CNMe}_2)]^+$ and $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{CN})_2(\mu\text{-CNMe}_2)_2]$ zwitterions (L = CO or organoisonocyanide) and their reactions with alkyl and protic electrophiles (K. Boss, C. Dowling and A.R. Manning), 197

Alkyne

Metallorganische Verbindungen des Kupfers. X. Synthese, Charakterisierung und Strukturuntersuchung von Kupfer(I)- β -diketonat-Komplexen mit 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin als Liganden (G. Schmidt und U. Behrens), 49

1-Alkynes

Permethyltitanocene-bis(trimethylsilyl)acetylene, an efficient catalyst for the head-to-tail dimerization of 1-alkynes (V. Varga, L. Petrusová, J. Čejka, V. Hanuš and K. Mach), 235

Allyl complexes

Cationic rhenium allyl complex $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})_2][\text{BF}_4]$ and its acetonitrile derivatives $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})(\text{NCMe})][\text{BF}_4]$ and $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NCMe})_2][\text{BF}_4]$. Products of reactions with borohydride, methoxide and trimethylphosphine, and the X-ray crystal structure of the bis-ethylamine complex [*endo*- $\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NH}_2\text{Et})_2][\text{ReO}_4]$.*solv* (Y.-X. He, R.J. Batchelor, F.W.B. Einstein and D. Sutton), 37

Ammonia

Gas-phase ion-molecule reactions in ammonia-methylsilane mixtures studied by ion trapping (L. Operti, R. Rabezana, G.A. Vaglio and P. Volpe), 151

Anionic

The formation of *nido* $[7,8\text{-}(\text{PR}_2)_2\text{-}7,8\text{-C}_2\text{B}_9\text{H}_{10}]^-$ from *closo* 1,2- $(\text{PR}_2)_2\text{-}1,2\text{-C}_2\text{B}_{10}\text{H}_{10}$ (R = Ph, Et, ¹Pr or OEt): a process enhanced by complexation (F. Teixidor, C. Viñas, M.M. Abad, R. Kivekäs and R. Sillanpää), 139

Anthracenyl-silanes

9,10-Disilylanthracene; synthesis, structure and fluorescence (R. Schröck, K. Angermaier, A. Sladek and H. Schmidbaur), 85

Aryl aldehyde

Asymmetric aldol condensation of acetyl ferrocene with aromatic aldehydes via the formation of the β -cyclodextrin inclusion complexes (Y.-M. Li, X.-J. Yao, X. Feng, X.-M. Wang and J.-T. Wang), 221

Arylsilanes

9,10-Disilylanthracene; synthesis, structure and fluorescence (R. Schröck, K. Angermaier, A. Sladek and H. Schmidbaur), 85

Asymmetrical disubstituted ferrocenes

A novel method to synthesize asymmetrical disubstituted ferrocenes (T.-Y. Dong and L.-L. Lai), 131

Azolate

New dinuclear and heterotrimeric complexes containing the $\text{M}_2(\mu\text{-az})(\mu\text{-PPh}_2)$ core (M = Rh or Ir; az = azolate) (M.T. Pinillos, A. Elduque, E. Berkovich and L.A. Oro), 89

1,1-Binaphthalene

Synthesis and chemistry of 2,2'-bis-silyl-substituted 1,1'-binaphthyl derivatives (F. Fabris and O. De Lucchi), 15

Bipyridene

FT-IR studies on the catalyst $\text{Ru}_3(\text{CO})_{12}/2,2'$ -bipyridine/ SiO_2 and related ruthenium-bipyridine surface complexes (M. Haukka, T. Venäläinen, P. Hirva and T.A. Pakkanen), 163

Bis(trimethylsilyl)acetylene complex

Permethyltitanocene-bis(trimethylsilyl)acetylene, an efficient catalyst for the head-to-tail dimerization of 1-alkynes (V. Varga, L. Petrusová, J. Čejka, V. Hanuš and K. Mach), 235

Bridging ligand

Linked triosmium cluster complexes containing thiolato-carboxylato ligands: the crystal and molecular structures of $[\{\text{Os}_3\text{H}(\text{CO})_{10}\}_2(\mu\text{-SC}_6\text{H}_4\text{CO}_2)]$ and $[\{\text{Os}_3\text{H}(\text{CO})_{10}\}_2(\mu\text{-SCH}_2\text{CH}_2\text{CO}_2)]$ (E.W. Ainscough, A.M. Brodie, R.K. Coll, A.J.A. Mair and J.M. Waters), 259

Carbon monoxide

Facile reductive excision of sulfur from a $\{\text{Pt}_2\text{S}_2\}$ core in $[\text{Pt}_2(\text{PPh}_3)_4(\mu\text{-S})_2]$ to a $\{\text{Pt}_2\text{S}\}$ triangle by carbon monoxide (C.H. Chin and T.S.A. Hor), 101

Carbonyl

Photochemical synthesis, spectroscopic properties and barriers to alkene rotation in the novel bis(alkene)tetracarbonyl complexes of tungsten (M. Jaroszewski, T. Szymańska-Buzar, M. Wilgocki and J.J. Ziółkowski), 19

Synthesis and characterization of substituted cyclopentadienide ligands that may form chelates or metal dimers (P.-H. Yeh, Z. Pang and R.F. Johnston), 123

Carbonyl sulfide

Facile reductive excision of sulfur from a $\{\text{Pt}_2\text{S}_2\}$ core in $[\text{Pt}_2(\text{PPh}_3)_4(\mu\text{-S})_2]$ to a $\{\text{Pt}_2\text{S}\}$ triangle by carbon monoxide (C.H. Chin and T.S.A. Hor), 101

Carboranes

The formation of *nido* $[7,8\text{-}(\text{PR}_2)_2\text{-}7,8\text{-C}_2\text{B}_9\text{H}_{10}]^-$ from *closo* $1,2\text{-}(\text{PR}_2)_2\text{-}1,2\text{-C}_2\text{B}_{10}\text{H}_{10}$ (R = Ph, Et, ^iPr or OEt): a process enhanced by complexation (F. Teixidor, C. Viñas, M.M. Abad, R. Kivekäs and R. Sillanpää), 139

Carboxylato

Linked triosmium cluster complexes containing thiolato–carboxylato ligands: the crystal and molecular structures of $\{[\text{Os}_3\text{H}(\text{CO})_{10}]_2(\mu\text{-SC}_6\text{H}_4\text{CO}_2)\}$ and $\{[\text{Os}_3\text{H}(\text{CO})_{10}]_2(\mu\text{-SCH}_2\text{CH}_2\text{CO}_2)\}$ (E.W. Ainscough, A.M. Brodie, R.K. Coll, A.J.A. Mair and J.M. Waters), 259

Catalysis

FT-IR studies on the catalyst $\text{Ru}_3(\text{CO})_{12}/2,2'\text{-bipyridine}/\text{SiO}_2$ and related ruthenium–bipyridine surface complexes (M. Haukka, T. Venäläinen, P. Hirva and T.A. Pakkanen), 163

Permethyltitanocene–bis(trimethylsilyl)acetylene, an efficient catalyst for the head-to-tail dimerization of 1-alkynes (V. Varga, L. Petrusová, J. Čejka, V. Hanuš and K. Mach), 235

The synthesis, characterization and polymerization behavior of ansa cyclopentadienyl fluorenyl complexes; the X-ray structures of the complexes $[\text{C}_{13}\text{H}_8]\text{SiR}_2(\text{C}_5\text{H}_4)\text{ZrCl}_2$ (R = Me or Ph) (K. Patzidis, H.G. Alt, W. Milius and S.J. Palackal), 63

Cationic complexes

Seven-coordinated $2,2':6'2''\text{-terpyridinemolybdenum(II)}$ complexes: synthesis, structure and reactivity of $[\text{Mo}(\text{CO})(\text{C}_7\text{H}_8)(4,4',4''\text{-R}_3\text{terpy})\text{X}]\text{X}'$ (R = H or ^iBu) (T. Daniel, H. Nagao, H. Nakajima, K. Tanaka and A. Nakamura), 225

Chirality

Asymmetric aldol condensation of acetyl ferrocene with aromatic aldehydes via the formation of the β -cyclodextrin inclusion complexes (Y.-M. Li, X.-J. Yao, X. Feng, X.-M. Wang and J.-T. Wang), 221

Chromium

Silicon-based organometallic dendritic macromolecules containing $(\eta^6\text{-organosilyl})\text{arene}$ chromium tricarbonyl moieties (F. Lobete, I. Cuadrado, C.M. Casado, B. Alonso, M. Morán and J. Losada), 109

Cluster

Electrochemical studies of Mn_3HgM (M = Mo, W, Mn, Fe or Co) and Mn_3Au cluster anions (O. Rossell, M. Seco, G. Segalés, R. Mathieu and D. De Montauzon), 241

Cobalt

Synthesis and characterization of substituted cyclopentadienide ligands that may form chelates or metal dimers (P.-H. Yeh, Z. Pang and R.F. Johnston), 123

Cobalt silicide

Oligomers with silicon and transition metal groups: thermolysis of poly[1,1'-bis(diorganosilyl)ethynyl]ferrocenes and poly{[(diorganosilylene)diacetylene]dicobalthexacarbonyls} to give iron silicide- and cobalt silicide-based ceramics (R.J.P. Corriu, N. Devylder, C. Guerin, B. Henner and A. Jean), 249

Complexes

Metallorganische Verbindungen des Kupfers. X. Synthese, Charakterisierung und Strukturuntersuchung von Kupfer(I)- β -diketonat-Komplexen mit 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin als Liganden (G. Schmidt und U. Behrens), 49

Copper

Metallorganische Verbindungen des Kupfers. X. Synthese, Charakterisierung und Strukturuntersuchung von Kupfer(I)- β -diketonat-Komplexen mit 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin als Liganden (G. Schmidt und U. Behrens), 49

Crystal structure

Linked triosmium cluster complexes containing thiolato–carboxylato ligands: the crystal and molecular structures of $\{[\text{Os}_3\text{H}(\text{CO})_{10}]_2(\mu\text{-SC}_6\text{H}_4\text{CO}_2)\}$ and $\{[\text{Os}_3\text{H}(\text{CO})_{10}]_2(\mu\text{-SCH}_2\text{CH}_2\text{CO}_2)\}$ (E.W. Ainscough, A.M. Brodie, R.K. Coll, A.J.A. Mair and J.M. Waters), 259

Seven-coordinated $2,2':6'2''\text{-terpyridinemolybdenum(II)}$ complexes: synthesis, structure and reactivity of $[\text{Mo}(\text{CO})(\text{C}_7\text{H}_8)(4,4',4''\text{-R}_3\text{terpy})\text{X}]\text{X}'$ (R = H or ^iBu) (T. Daniel, H. Nagao, H. Nakajima, K. Tanaka and A. Nakamura), 225

Synthese und Reaktivität von Übergangsmetall-substituierten Phosphanen, Arsanen und Stibanen [1]. LVII. Oxidation tertiärer und sekundärer Metallo-phosphane von Eisen und Wolfram mit Dimethyldioxiran (W. Malisch, K. Hindahl, K. Grün, W. Adam, F. Prechtel und W.S. Sheldrick), 209

Synthesis and crystal structure of the tetrabutylbis(thiophene glyoxylato)distannoxane dimer, $\{[(\text{C}_4\text{H}_9)_2\text{SnO}_2\text{CC}(\text{O})\text{C}_4\text{H}_3\text{S}]_2\text{O}\}_2$ (S.-G. Teoh, E.-S. Looi, S.-B. Teo and S.-W. Ng), 57

The isolation and X-ray crystal structure of $[\text{Li}(\text{Et}_2\text{O})_2(\text{CHPh})\text{PPh}_2]$ (A. Decken and A.H. Cowley), 135

Cyanide ion

Preparation, spectra and structure of $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{L})(\text{CN})(\mu\text{-CO})(\mu\text{-CN}(\text{R}'))\text{R}]$, $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{CO})(\text{CN})(\mu\text{-CNMe}_2)_2]^+$ and $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{CN})_2(\mu\text{-CNMe}_2)_2]$ zwitterions (L = CO or organoiscyanide) and their reactions with alkyl and protic electrophiles (K. Boss, C. Dowling and A.R. Manning), 197

Cyclic voltammetry

Synthesis of palladium cyclopentadienyl complexes. Decamethylpalladocene dication $[\text{Pd}(\eta^5\text{-C}_5\text{Me}_5)_2]^{2+}$ (O.V. Gusev, L.N. Morozova, M.G. Peterleitner, S.M. Peregodova, P.V. Petrovskii, N.A. Ustynyuk and P.M. Maitlis), 95

Cyclometallation

Steric and electronic effects on the regioselective formation of platinum(II) metallacycles: crystal structure of $[\text{PtMe}(\text{3-MeC}_6\text{H}_3\text{-CH=NCH}_2\text{C}_6\text{H}_5)(\text{PPh}_3)]$ (M. Crespo, X. Solans and M. Font-Bardía), 29

Cyclopentadienyl

Hydrogenation catalytic activity of substituted cyclopentadienyl titanium complexes anchored on polysiloxanes prepared by a sol–gel procedure (J. Čermák, M. Kvičalová, V. Blechta, M. Čapka and Z. Bastl), 77

Reactivity of the Ru–O bond in $\eta^2(\text{O,P})$ -chelated mono(ether–phosphine)pentamethylcyclopentadienylruthenium(II) complexes (E. Lindner, S. Pautz and M. Hausteiner), 215

Synthesis and characterization of substituted cyclopentadienide ligands that may form chelates or metal dimers (P.-H. Yeh, Z. Pang and R.F. Johnston), 123

Synthesis of palladium cyclopentadienyl complexes. Decamethylpalladocene dication $[\text{Pd}(\eta^5\text{-C}_5\text{Me}_5)_2]^{2+}$ (O.V. Gusev, L.N. Morozova, M.G. Peterleitner, S.M. Peregodova, P.V. Petrovskii, N.A. Ustynyuk and P.M. Maitlis), 95

Degradation

The formation of *nido* $[7,8\text{-}(\text{PR}_2)_2\text{-}7,8\text{-C}_2\text{B}_9\text{H}_{10}]^-$ from *closo* $1,2\text{-}(\text{PR}_2)_2\text{-}1,2\text{-C}_2\text{B}_{10}\text{H}_{10}$ (R = Ph, Et, ^iPr or OEt): a process enhanced by complexation (F. Teixidor, C. Viñas, M.M. Abad, R. Kivekäs and R. Sillanpää), 139

Desulfurization

Facile reductive excision of sulfur from a $\{\text{Pt}_2\text{S}_2\}$ core in $[\text{Pt}_2(\text{PPh}_3)_4(\mu\text{-S})_2]$ to a $\{\text{Pt}_2\text{S}\}$ triangle by carbon monoxide (C.H. Chin and T.S.A. Hor), 101

Diastereoselectivity

Synthesis and transformation of iron and tungsten complexes with tetrahydropentalenyl ligands (W. Malisch, N. Gunzelmann, M. Neumayer, A.G. Griesbeck and T. Deufel), 189

Dibutyltin oxide

Synthesis and crystal structure of the tetrabutylbis(thiophene gloxyl-ato)distannoxane dimer, $\{[(C_4H_9)_2SnO_2CC(O)C_4H_3S]_2O\}_2$ (S.-G. Teoh, E.-S. Looi, S.-B. Teo and S.-W. Ng), 57

Disilagermirane

Preparations, structures and photolyses of peralkyldisilagermirane and peralkylgermadisilaoxetane (H. Suzuki, K. Okabe, S. Uchida, H. Watanabe and M. Goto), 177

Disilane

Synthesis and chemistry of 2,2'-bis-silyl-substituted 1,1'-binaphthyl derivatives (F. Fabris and O. De Lucchi), 15

Distannoxane

Synthesis and crystal structure of the tetrabutylbis(thiophene gloxyl-ato)distannoxane dimer, $\{[(C_4H_9)_2SnO_2CC(O)C_4H_3S]_2O\}_2$ (S.-G. Teoh, E.-S. Looi, S.-B. Teo and S.-W. Ng), 57

Electrochemistry

Electrochemical studies of Mn_3HgM ($M = Mo, W, Mn, Fe$ or Co) and Mn_3Au cluster anions (O. Rossell, M. Seco, G. Segalés, R. Mathieu and D. De Montauzon), 241

Electron transfer

A novel method to synthesize asymmetrical disubstituted ferrocenes (T.-Y. Dong and L.-L. Lai), 131

Synthesis of asymmetrical aryl-tin compounds by cleavage of alkyl-tin bonds with sodium metal in liquid ammonia followed by $S_{RN}1$ reactions with chloroarenes (C.C. Yammal, J.C. Podestá and R.A. Rossi), 1

Enzyme template

Asymmetric aldol condensation of acetyl ferrocene with aromatic aldehydes via the formation of the β -cyclodextrin inclusion complexes (Y.-M. Li, X.-J. Yao, X. Feng, X.-M. Wang and J.-T. Wang), 221

Ester dealkylation

Dealkylation of esters via treatment with *N*-(trimethylsilyl)diethylamine and methyl iodide (Y. Yamamoto, H. Shimizu and Y. Hamada), 119

Ethylamine complexes

Cationic rhenium allyl complex $[Cp^*Re(\eta^3-C_3H_5)(CO)_2][BF_4]$ and its acetonitrile derivatives $[Cp^*Re(\eta^3-C_3H_5)(CO)(NCMe)][BF_4]$ and $[Cp^*Re(\eta^3-C_3H_5)(NCMe)_2][BF_4]$. Products of reactions with borohydride, methoxide and trimethylphosphine, and the X-ray crystal structure of the bis-ethylamine complex [*endo*- $Cp^*Re(\eta^3-C_3H_5)(NH_2Et)_2][ReO_4]$.solv (Y.-X. He, R.J. Batchelor, F.W.B. Einstein and D. Sutton), 37

Fluxional behaviour

Photochemical synthesis, spectroscopic properties and barriers to alkene rotation in the novel bis(alkene)tetracarbonyl complexes of tungsten (M. Jaroszewski, T. Szymańska-Buzar, M. Wilgocki and J.J. Ziółkowski), 19

Germadisilaoxetane

Preparations, structures and photolyses of peralkyldisilagermirane and peralkylgermadisilaoxetane (H. Suzuki, K. Okabe, S. Uchida, H. Watanabe and M. Goto), 177

Germanium

The synthesis, characterization and polymerization behavior of ansa cyclopentadienyl fluorenyl complexes; the X-ray structures of the complexes $[(C_{13}H_8)SiR_2(C_5H_4)]ZrCl_2$ ($R = Me$ or Ph) (K. Pat-sidis, H.G. Alt, W. Milius and S.J. Palackal), 63

Gold

Electrochemical studies of Mn_3HgM ($M = Mo, W, Mn, Fe$ or Co) and Mn_3Au cluster anions (O. Rossell, M. Seco, G. Segalés, R. Mathieu and D. De Montauzon), 241

Group 8

Reactivity of the Ru–O bond in $\eta^2(O,P)$ -chelated mono(ether-phos-pine) χ pentamethylcyclopentadienylruthenium(II) complexes (E. Lindner, S. Pautz and M. Haustein), 215

Homogeneous decomposition

Laser-powered homogeneous pyrolysis of 4-silaspiro[3,3]heptane. A source for 2-silaallene and its polymer (M. Urbanová, E.A. Vol-nina, L.E. Gusel'nikov, Z. Bastl and J. Pola), 73

Hydrogenation

Hydrogenation catalytic activity of substituted cyclopentadienyl titanium complexes anchored on polysiloxanes prepared by a sol-gel procedure (J. Čermák, M. Kvíčalová, V. Blechta, M. Čapka and Z. Bastl), 77

Imine

Steric and electronic effects on the regioselective formation of platinum(II) metallacycles: crystal structure of $[PtMe(3-MeC_6H_3-CH=NCH_2C_6H_5)(PPh_3)]$ (M. Crespo, X. Solans and M. Font-Bardía), 29

Indium

New dinuclear and heterotrimeric complexes containing the $M_2(\mu-az)(\mu-PPh_2)$ core ($M = Rh$ or Ir ; az = azolate) (M.T. Pinillos, A. Elduque, E. Berkovich and L.A. Oro), 89

Iron

Preparation, spectra and structure of $[Fe_2(\eta-C_5H_5)_2(L)(CN)(\mu-CO)(\mu-CN(R)R)]$, $[Fe_2(\eta-C_5H_5)_2(CO)(CN)(\mu-CNMe_2)_2]^+$ and $[Fe_2(\eta-C_5H_5)_2(CN)_2(\mu-CNMe_2)_2]$ zwitterions ($L = CO$ or organoisoocyanide) and their reactions with alkyl and protic electrophiles (K. Boss, C. Dowling and A.R. Manning), 197

Synthesis and transformation of iron and tungsten complexes with tetrahydropentalenyl ligands (W. Malisch, N. Gunzelmann, M. Neumayer, A.G. Griesbeck and T. Deufel), 189

Iron silicide

Oligomers with silicon and transition metal groups: thermolysis of poly[1,1'-bis(diorganosilylethynyl)ferrocenes] and poly[(di-organosilylene)diacetylene]dicobalthexacarbonyls to give iron silicide- and cobalt silicide-based ceramics (R.J.P. Corriu, N. Devylder, C. Guerin, B. Henner and A. Jean), 249

Isoocyanide

Preparation, spectra and structure of $[Fe_2(\eta-C_5H_5)_2(L)(CN)(\mu-CO)(\mu-CN(R)R)]$, $[Fe_2(\eta-C_5H_5)_2(CO)(CN)(\mu-CNMe_2)_2]^+$ and $[Fe_2(\eta-C_5H_5)_2(CN)_2(\mu-CNMe_2)_2]$ zwitterions ($L = CO$ or organoisoocyanide) and their reactions with alkyl and protic electrophiles (K. Boss, C. Dowling and A.R. Manning), 197

Kinetics

Gas-phase ion-molecule reactions in ammonia-methylsilane mixtures studied by ion trapping (L. Operti, R. Rabezzana, G.A. Vaglio and P. Volpe), 151

Laser

Laser-powered homogeneous pyrolysis of 4-silaspiro[3,3]heptane. A source for 2-silaallene and its polymer (M. Urbanová, E.A. Vol-nina, L.E. Gusel'nikov, Z. Bastl and J. Pola), 73

Linear dimerization

Permethyltitanocene-bis(trimethylsilyl)acetylene, an efficient catalyst for the head-to-tail dimerization of 1-alkynes (V. Varga, L. Petrusová, J. Čejka, V. Hanuš and K. Mach), 235

Lithium

The isolation and X-ray crystal structure of $[Li(Et_2O)_2(CHPh)PPh_2]$ (A. Decken and A.H. Cowley), 135

Manganese

- Electrochemical studies of Mn_3HgM ($M = Mo, W, Mn, Fe$ or Co) and Mn_3Au cluster anions (O. Rossell, M. Seco, G. Segalés, R. Mathieu and D. De Montauzon), 241
- Synthesis and characterization of substituted cyclopentadienide ligands that may form chelates or metal dimers (P.-H. Yeh, Z. Pang and R.F. Johnston), 123

Mass spectrometry

- Gas-phase ion–molecule reactions in ammonia–methylsilane mixtures studied by ion trapping (L. Operti, R. Rabezzana, G.A. Vaglio and P. Volpe), 151

Mechanism

- Gas-phase ion–molecule reactions in ammonia–methylsilane mixtures studied by ion trapping (L. Operti, R. Rabezzana, G.A. Vaglio and P. Volpe), 151

Mercury

- Electrochemical studies of Mn_3HgM ($M = Mo, W, Mn, Fe$ or Co) and Mn_3Au cluster anions (O. Rossell, M. Seco, G. Segalés, R. Mathieu and D. De Montauzon), 241

Metallocene complexes

- The synthesis, characterization and polymerization behavior of *ansa* cyclopentadienyl fluorenyl complexes; the X-ray structures of the complexes $[(C_{13}H_8)_2SiR_2(C_5H_4)]ZrCl_2$ ($R = Me$ or Ph) (K. Patzidis, H.G. Alt, W. Milius and S.J. Palackal), 63

Metallo-phosphineoxides

- Synthese und Reaktivität von Übergangsmetall-substituierten Phosphanen, Arsanen und Stibanen [1]. LVII. Oxidation tertiärer und sekundärer Metallo-phosphane von Eisen und Wolfram mit Dimethyldioxiran (W. Malisch, K. Hindahl, K. Grün, W. Adam, F. Prechtel und W.S. Sheldrick), 209

Methylsilane

- Gas-phase ion–molecule reactions in ammonia–methylsilane mixtures studied by ion trapping (L. Operti, R. Rabezzana, G.A. Vaglio and P. Volpe), 151

Michael addition

- Synthesis of new hydrophilic phosphines by addition of diphenylphosphine on activated alkenes: characterization of their rhodium complexes (L. Lavenot, M.H. Bortoletto, A. Roucoux, C. Larpent and H. Patin), 9

Molybdenum

- Seven-coordinated 2,2':6'2"-terpyridinemolybdenum(II) complexes: synthesis, structure and reactivity of $[Mo(CO)(C_7H_8)(4,4',4''-R_3terpy)X]X'$ ($R = H$ or tBu) (T. Daniel, H. Nagao, H. Nakajima, K. Tanaka and A. Nakamura), 225

Multiphase ceramic

- Oligomers with silicon and transition metal groups: thermolysis of poly[1,1'-bis(diorganosilylethynyl)ferrocenes] and poly[[(diorganosilylene)diacetylene]dicobalt/hexacarbonyls] to give iron silicide- and cobalt silicide-based ceramics (R.J.P. Corriu, N. Devylder, C. Guerin, B. Henner and A. Jean), 249

Norbomadiene

- Seven-coordinated 2,2':6'2"-terpyridinemolybdenum(II) complexes: synthesis, structure and reactivity of $[Mo(CO)(C_7H_8)(4,4',4''-R_3terpy)X]X'$ ($R = H$ or tBu) (T. Daniel, H. Nagao, H. Nakajima, K. Tanaka and A. Nakamura), 225

N-(trimethylsilyl)diethylamine

- Dealkylation of esters via treatment with *N*-(trimethylsilyl)diethylamine and methyl iodide (Y. Yamamoto, H. Shimizu and Y. Hamada), 119

Nuclear magnetic resonance

- Hydrogenation catalytic activity of substituted cyclopentadienyl titanium complexes anchored on polysiloxanes prepared by a sol–gel procedure (J. Čermák, M. Kvíčalová, V. Blechta, M. Čapka and Z. Bastl), 77

Nucleophilic substitution

- Synthesis of asymmetrical aryl–tin compounds by cleavage of alkyl–tin bonds with sodium metal in liquid ammonia followed by $S_{RN}1$ reactions with chloroarenes (C.C. Yammal, J.C. Podestá and R.A. Rossi), 1

Olefine polymerization

- Tin-bridged *ansa*-metallocenes of zirconium: synthesis and catalytic performance in olefin polymerization (W.A. Herrmann, M.J.A. Morawietz, H.-F. Herrmann and F. Küber), 115

Organometallic dendrimers

- Silicon-based organometallic dendritic macromolecules containing $(\eta^6\text{-organosilyl)arene}$ chromium tricarbonyl moieties (F. Lobete, I. Cuadrado, C.M. Casado, B. Alonso, M. Morán and J. Losada), 109

Osmium cluster

- Linked triosmium cluster complexes containing thiolato–carboxylato ligands: the crystal and molecular structures of $[(Os_3H(CO)_{10})_2(\mu\text{-}SC_6H_4CO_2)]$ and $[(Os_3H(CO)_{10})_2(\mu\text{-}SCH_2CH_2CO_2)]$ (E.W. Ainscough, A.M. Brodie, R.K. Coll, A.J.A. Mair and J.M. Waters), 259

Palladium

- Synthesis of palladium cyclopentadienyl complexes. Decamethylpalladocene dication $[Pd(\eta^5\text{-}C_5Me_5)]^{2+}$ (O.V. Gusev, L.N. Morozova, M.G. Peterleitner, S.M. Peregodova, P.V. Petrovskii, N.A. Ustynyuk and P.M. Maitlis), 95

Palladocene

- Synthesis of palladium cyclopentadienyl complexes. Decamethylpalladocene dication $[Pd(\eta^5\text{-}C_5Me_5)]^{2+}$ (O.V. Gusev, L.N. Morozova, M.G. Peterleitner, S.M. Peregodova, P.V. Petrovskii, N.A. Ustynyuk and P.M. Maitlis), 95

Pentamethylcyclopentadienyl

- Cationic rhenium allyl complex $[Cp^*Re(\eta^3\text{-}C_3H_5)(CO)_2][BF_4]$ and its acetonitrile derivatives $[Cp^*Re(\eta^3\text{-}C_3H_5)(CO)(NCMe)][BF_4]$ and $[Cp^*Re(\eta^3\text{-}C_3H_5)(NCMe)_2][BF_4]$. Products of reactions with borohydride, methoxide and trimethylphosphine, and the X-ray crystal structure of the bis-ethylamine complex $[endo\text{-}Cp^*Re(\eta^3\text{-}C_3H_5)(NH_2Et)_2][ReO_4]$. solv (Y.-X. He, R.J. Batchelor, F.W.B. Einstein and D. Sutton), 37

Permethyltitanocene

- Permethyltitanocene–bis(trimethylsilyl)acetylene, an efficient catalyst for the head-to-tail dimerization of 1-alkynes (V. Varga, L. Petrusová, J. Čejka, V. Hanuš and K. Mach), 235

Phosphide

- New dinuclear and heterotrinary complexes containing the $M_2(\mu\text{-}az)(\mu\text{-}PPh_2)$ core ($M = Rh$ or Ir ; *az* = azolate) (M.T. Pinillos, A. Elduque, E. Berkovich and L.A. Oro), 89

Phosphine

- Reactivity of the Ru–O bond in $\eta^2(O,P)$ -chelated mono(ether–phosphine)pentamethylcyclopentadienylruthenium(II) complexes (E. Lindner, S. Pautz and M. Haustein), 215

- Synthese und Reaktivität von Übergangsmetall-substituierten Phosphanen, Arsanen und Stibanen [1]. LVII. Oxidation tertiärer und sekundärer Metallo-phosphane von Eisen und Wolfram mit Dimethyldioxiran (W. Malisch, K. Hindahl, K. Grün, W. Adam, F. Prechtel und W.S. Sheldrick), 209

- The formation of *nido* $[7,8\text{-}(PR_2)_2\text{-}7,8\text{-}C_2B_9H_{10}]^-$ from *closo* 1,2- $(PR_2)_2\text{-}1,2\text{-}C_2B_{10}H_{10}$ ($R = Ph, Et, ^iPr$ or OEt): a process enhanced by complexation (F. Teixidor, C. Viñas, M.M. Abad, R. Kivekäs and R. Sillanpää), 139

- The isolation and X-ray crystal structure of $[Li(Et_2O)_2(CHPh)PPh_2]$ (A. Decken and A.H. Cowley), 135

Phosphinoalkene complexes

Cationic rhenium allyl complex $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})_2][\text{BF}_4]$ and its acetonitrile derivatives $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})(\text{NCMe})][\text{BF}_4]$ and $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NCMe})_2][\text{BF}_4]$. Products of reactions with borohydride, methoxide and trimethylphosphine, and the X-ray crystal structure of the bis-ethylamine complex [*endo*- $\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NH}_2\text{Et})_2][\text{ReO}_4]$. solv (Y.-X. He, R.J. Batchelor, F.W.B. Einstein and D. Sutton), 37

Photoelectron spectroscopy

Hydrogenation catalytic activity of substituted cyclopentadienyl titanium complexes anchored on polysiloxanes prepared by a sol-gel procedure (J. Čermák, M. Kvíčalová, V. Blechta, M. Čapka and Z. Bastl), 77

Photolysis

Preparations, structures and photolyses of peralkyldisilagermirane and peralkylgermadisilaoxetane (H. Suzuki, K. Okabe, S. Uchida, H. Watanabe and M. Goto), 177

Platinocycles

Steric and electronic effects on the regioselective formation of platinum(II) metallacycles: crystal structure of $[\text{PtMe}(\text{3-MeC}_6\text{H}_3\text{-CH}=\text{NCH}_2\text{C}_6\text{H}_5)(\text{PPh}_3)]$ (M. Crespo, X. Solans and M. Font-Bardía), 29

Platinum

Facile reductive excision of sulfur from a $\{\text{Pt}_2\text{S}_2\}$ core in $[\text{Pt}_2(\text{PPh}_3)_4(\mu\text{-S})_2]$ to a $\{\text{Pt}_2\text{S}\}$ triangle by carbon monoxide (C.H. Chin and T.S.A. Hor), 101

Steric and electronic effects on the regioselective formation of platinum(II) metallacycles: crystal structure of $[\text{PtMe}(\text{3-MeC}_6\text{H}_3\text{-CH}=\text{NCH}_2\text{C}_6\text{H}_5)(\text{PPh}_3)]$ (M. Crespo, X. Solans and M. Font-Bardía), 29

Poly(2-silaallene)

Laser-powered homogeneous pyrolysis of 4-silasp[3,3]heptane. A source for 2-silaallene and its polymer (M. Urbanová, E.A. Volnina, L.E. Gusel'nikov, Z. Bastl and J. Pola), 73

Polysiloxane

Hydrogenation catalytic activity of substituted cyclopentadienyl titanium complexes anchored on polysiloxanes prepared by a sol-gel procedure (J. Čermák, M. Kvíčalová, V. Blechta, M. Čapka and Z. Bastl), 77

Poly[(silylene)diacetylenes]

Oligomers with silicon and transition metal groups: thermolysis of poly[1,1'-bis(diorganosilylethynyl)ferrocenes] and poly[[(diorganosilylene)diacetylene]dicobalthexacarbonyls] to give iron silicide- and cobalt silicide-based ceramics (R.J.P. Corriu, N. Devylder, C. Guerin, B. Henner and A. Jean), 249

Protonation

Preparation, spectra and structure of $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{L})(\text{CN})(\mu\text{-CO})(\mu\text{-CN}(\text{R}'))_2]$, $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{CO})(\text{CN})(\mu\text{-CNMe}_2)_2]^+$ and $[\text{Fe}_2(\eta\text{-C}_5\text{H}_5)_2(\text{CN})_2(\mu\text{-CNMe}_2)_2]$ zwitterions (L = CO or organoisonocyanide) and their reactions with alkyl and protic electrophiles (K. Boss, C. Dowling and A.R. Manning), 197

Pyrolysis

Oligomers with silicon and transition metal groups: thermolysis of poly[1,1'-bis(diorganosilylethynyl)ferrocenes] and poly[[(diorganosilylene)diacetylene]dicobalthexacarbonyls] to give iron silicide- and cobalt silicide-based ceramics (R.J.P. Corriu, N. Devylder, C. Guerin, B. Henner and A. Jean), 249

Reductive carbonylation

Facile reductive excision of sulfur from a $\{\text{Pt}_2\text{S}_2\}$ core in $[\text{Pt}_2(\text{PPh}_3)_4(\mu\text{-S})_2]$ to a $\{\text{Pt}_2\text{S}\}$ triangle by carbon monoxide (C.H. Chin and T.S.A. Hor), 101

Rhenium

Cationic rhenium allyl complex $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})_2][\text{BF}_4]$ and its acetonitrile derivatives $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{CO})(\text{NCMe})][\text{BF}_4]$ and $[\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NCMe})_2][\text{BF}_4]$. Products of reactions with borohydride, methoxide and trimethylphosphine, and the X-ray crystal structure of the bis-ethylamine complex [*endo*- $\text{Cp}^* \text{Re}(\eta^3\text{-C}_3\text{H}_5)(\text{NH}_2\text{Et})_2][\text{ReO}_4]$. solv (Y.-X. He, R.J. Batchelor, F.W.B. Einstein and D. Sutton), 37

Rhodium

New dinuclear and heterotrimeric complexes containing the $\text{M}_2(\mu\text{-az})(\mu\text{-PPh}_2)$ core (M = Rh or Ir; az = azolate) (M.T. Pinillos, A. Elduque, E. Berkovich and L.A. Oro), 89

Rhodium complexes

Synthesis of new hydrophilic phosphines by addition of diphenylphosphine on activated alkenes: characterization of their rhodium complexes (L. Lavenot, M.H. Bortoletto, A. Roucoux, C. Larpent and H. Patin), 9

Ruthenium

FT-IR studies on the catalyst $\text{Ru}_3(\text{CO})_{12}/2,2'$ -bipyridine/ SiO_2 and related ruthenium-bipyridine surface complexes (M. Haukka, T. Venäläinen, P. Hirva and T.A. Pakkanen), 163

Reactivity of the Ru-O bond in $\eta^2(\text{O,P})$ -chelated mono(ether-phosphine)(pentamethylcyclopentadienyl)ruthenium(II) complexes (E. Lindner, S. Pautz and M. Haustein), 215

Synthesis and X-ray structure of a ruthenium cluster with a chiral oxazoline ligand (S. Bhaduri, N. Sapre and P.G. Jones), 105

Ruthenium cluster

Synthesis and X-ray structure of a ruthenium cluster with a chiral oxazoline ligand (S. Bhaduri, N. Sapre and P.G. Jones), 105

 $\text{S}_{\text{RN}}1$

Synthesis of asymmetrical aryl-tin compounds by cleavage of alkyl-tin bonds with sodium metal in liquid ammonia followed by $\text{S}_{\text{RN}}1$ reactions with chloroarenes (C.C. Yammal, J.C. Podestá and R.A. Rossi), 1

2-Silaallene

Laser-powered homogeneous pyrolysis of 4-silasp[3,3]heptane. A source for 2-silaallene and its polymer (M. Urbanová, E.A. Volnina, L.E. Gusel'nikov, Z. Bastl and J. Pola), 73

Silane

9,10-Disilylanthracene; synthesis, structure and fluorescence (R. Schröck, K. Angermaier, A. Sladek and H. Schmidbaur), 85

Synthesis and chemistry of 2,2'-bis-silyl-substituted 1,1'-binaphthyl derivatives (F. Fabris and O. De Lucchi), 15

4-Silasp[3,3]heptane

Laser-powered homogeneous pyrolysis of 4-silasp[3,3]heptane. A source for 2-silaallene and its polymer (M. Urbanová, E.A. Volnina, L.E. Gusel'nikov, Z. Bastl and J. Pola), 73

Silazane

Synthesis and chemistry of 2,2'-bis-silyl-substituted 1,1'-binaphthyl derivatives (F. Fabris and O. De Lucchi), 15

Silicon

Dealkylation of esters via treatment with *N*-(trimethylsilyl)diethylamine and methyl iodide (Y. Yamamoto, H. Shimizu and Y. Hamada), 119

Silicon-based organometallic dendritic macromolecules containing $(\eta^6\text{-organosilyl})\text{arene}$ chromium tricarbonyl moieties (F. Lobete, I. Cuadrado, C.M. Casado, B. Alonso, M. Morán and J. Losada), 109

Synthesis and chemistry of 2,2'-bis-silyl-substituted 1,1'-binaphthyl derivatives (F. Fabris and O. De Lucchi), 15

- The synthesis, characterization and polymerization behavior of *ansa* cyclopentadienyl fluorenyl complexes; the X-ray structures of the complexes $[(C_{13}H_8)SiR_2(C_5H_4)]ZrCl_2$ (R = Me or Ph) (K. Pat-sidis, H.G. Alt, W. Milius and S.J. Palackal), 63
- Siloxane**
Synthesis and chemistry of 2,2'-bis-silyl-substituted 1,1'-binaphthyl derivatives (F. Fabris and O. De Lucchi), 15
- Silyl-anthracenes**
9,10-Disilylanthracene; synthesis, structure and fluorescence (R. Schröck, K. Angermaier, A. Sladek and H. Schmidbaur), 85
- Silyl-arenes**
9,10-Disilylanthracene; synthesis, structure and fluorescence (R. Schröck, K. Angermaier, A. Sladek and H. Schmidbaur), 85
- Sodium**
Synthesis and characterization of substituted cyclopentadienide ligands that may form chelates or metal dimers (P.-H. Yeh, Z. Pang and R.F. Johnston), 123
- Structure**
Metallorganische Verbindungen des Kupfers. X. Synthese, Charakterisierung und Strukturuntersuchung von Kupfer(I)- β -diketonat-Komplexen mit 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin als Liganden (G. Schmidt und U. Behrens), 49
- Substitution**
Preparation, spectra and structure of $[Fe_2(\eta-C_5H_5)_2(L)(CN)(\mu-CO)(\mu-CN(R)R)]$, $[Fe_2(\eta-C_5H_5)_2(CO)(CN)(\mu-CNMe_2)_2]^+$ and $[Fe_2(\eta-C_5H_5)_2(CN)_2(\mu-CNMe_2)_2]$ zwitterions (L = CO or organoisoocyanide) and their reactions with alkyl and protic electrophiles (K. Boss, C. Dowling and A.R. Manning), 197
- Sulfide**
Facile reductive excision of sulfur from a $\{Pt_2S_2\}$ core in $[Pt_2(PPh_3)_4(\mu-S)_2]$ to a $\{Pt_2S\}$ triangle by carbon monoxide (C.H. Chin and T.S.A. Hor), 101
- Sulphurdioxide**
Reactivity of the Ru–O bond in $\eta^2(O,P)$ -chelated mono(ether-phosphine)(pentamethylcyclopentadienyl)ruthenium(II) complexes (E. Lindner, S. Pautz and M. Hausteine), 215
- Syndiotactic polypropylene**
The synthesis, characterization and polymerization behavior of *ansa* cyclopentadienyl fluorenyl complexes; the X-ray structures of the complexes $[(C_{13}H_8)SiR_2(C_5H_4)]ZrCl_2$ (R = Me or Ph) (K. Pat-sidis, H.G. Alt, W. Milius and S.J. Palackal), 63
- Synthesis**
A novel method to synthesize asymmetrical disubstituted ferrocenes (T.-Y. Dong and L.-L. Lai), 131
- Terpyridene**
Seven-coordinated 2,2':6'2"-terpyridinemolybdenum(II) complexes: synthesis, structure and reactivity of $[Mo(CO)(C_7H_8)(4,4',4''-R_3terpy)X]X'$ (R = H or ^tBu) (T. Daniel, H. Nagao, H. Nakajima, K. Tanaka and A. Nakamura), 225
- Tetrahydropentalenyl**
Synthesis and transformation of iron and tungsten complexes with tetrahydropentalenyl ligands (W. Malisch, N. Gunzelmann, M. Neumayer, A.G. Griesbeck and T. Deufel), 189
- Thallium**
Synthesis and characterization of substituted cyclopentadienide ligands that may form chelates or metal dimers (P.-H. Yeh, Z. Pang and R.F. Johnston), 123
- Thiolato**
Linked triosmium cluster complexes containing thiolato-carboxylato ligands: the crystal and molecular structures of $[(Os_3H(CO)_{10})_2(\mu-SC_6H_4CO_2)]$ and $[(Os_3H(CO)_{10})_2(\mu-SCH_2CH_2CO_2)]$ (E.W. Ainscough, A.M. Brodie, R.K. Coll, A.J.A. Mair and J.M. Waters), 259
- Thiopheneglyoxylate**
Synthesis and crystal structure of the tetrabutylbis(thiophene gloxylato)distannoxane dimer, $\{[(C_4H_9)_2SnO_2CC(O)C_4H_3S]_2O\}_2$ (S.-G. Teoh, E.-S. Looi, S.-B. Teo and S.-W. Ng), 57
- Tin**
Synthesis of asymmetrical aryl-tin compounds by cleavage of alkyl-tin bonds with sodium metal in liquid ammonia followed by $S_{RN}1$ reactions with chloroarenes (C.C. Yammal, J.C. Podestá and R.A. Rossi), 1
- Tin-bridged zirconocenes**
Tin-bridged *ansa*-metallocenes of zirconium: synthesis and catalytic performance in olefin polymerization (W.A. Herrmann, M.J.A. Morawietz, H.-F. Herrmann and F. Küber), 115
- Titanium**
Hydrogenation catalytic activity of substituted cyclopentadienyl titanium complexes anchored on polysiloxanes prepared by a sol-gel procedure (J. Čermák, M. Kvíčalová, V. Blechta, M. Čapka and Z. Bastl), 77
- Transition metal anions**
Synthesis and transformation of iron and tungsten complexes with tetrahydropentalenyl ligands (W. Malisch, N. Gunzelmann, M. Neumayer, A.G. Griesbeck and T. Deufel), 189
- Trimethylsilyl**
Dealkylation of esters via treatment with *N*-(trimethylsilyl)diethylamine and methyl iodide (Y. Yamamoto, H. Shimizu and Y. Hamada), 119
- Tungsten**
Photochemical synthesis, spectroscopic properties and barriers to alkene rotation in the novel bis(alkene)tetracarbonyl complexes of tungsten (M. Jaroszewski, T. Szymańska-Buzar, M. Wilgocki and J.J. Ziólkowski), 19
Synthese und Reaktivität von Übergangsmetall-substituierten Phosphanen, Arsenen und Stibanen [1]. LVII. Oxidation tertiärer und sekundärer Metallo-phosphane von Eisen und Wolfram mit Dimethyldioxiran (W. Malisch, K. Hindahl, K. Grün, W. Adam, F. Prechtl und W.S. Sheldrick), 209
Synthesis and transformation of iron and tungsten complexes with tetrahydropentalenyl ligands (W. Malisch, N. Gunzelmann, M. Neumayer, A.G. Griesbeck and T. Deufel), 189
- Vinylidene**
Reactivity of the Ru–O bond in $\eta^2(O,P)$ -chelated mono(ether-phosphine)(pentamethylcyclopentadienyl)ruthenium(II) complexes (E. Lindner, S. Pautz and M. Hausteine), 215
- Water soluble phosphines**
Synthesis of new hydrophilic phosphines by addition of diphenylphosphine on activated alkenes: characterization of their rhodium complexes (L. Lavenot, M.H. Bortoletto, A. Roucoux, C. Larpent and H. Patin), 9
- X-ray structure**
Preparations, structures and photolyses of peralkyldisilagermirane and peralkylgermadisilaoxetane (H. Suzuki, K. Okabe, S. Uchida, H. Watanabe and M. Goto), 177
- X-ray structure analysis**
Synthesis and X-ray structure of a ruthenium cluster with a chiral oxazoline ligand (S. Bhaduri, N. Sapre and P.G. Jones), 105
- Zirconium**
The synthesis, characterization and polymerization behavior of *ansa* cyclopentadienyl fluorenyl complexes; the X-ray structures of the complexes $[(C_{13}H_8)SiR_2(C_5H_4)]ZrCl_2$ (R = Me or Ph) (K. Pat-sidis, H.G. Alt, W. Milius and S.J. Palackal), 63