

Subject Index of Volume 480

Ab initio

Das Perfluortriazinium-Kation als Oxidationsmittel in der metallorganischen Synthese—Ein neuer Weg zur Darstellung von $[\text{Cp}_2\text{MCl}_2]^{2+}$ ($\text{M} = \text{Mo}, \text{W}$) (A. Schulz und T.M. Klapötke), 195

Agostic

Übergangsmetall–Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido–Silyl- und –Stannyl-Komplexe $\text{L}_3\text{FeH}_3(\text{ER}_3)$ ($\text{E} = \text{Si}, \text{Sn}$) (S. Gilbert, M. Knorr, S. Mock und U. Schubert), 241

Alkenes

Behaviour of water-soluble dinuclear rhodium complexes in the hydroformylation reaction of oct-1-ene (F. Monteil, R. Queau und P. Kalck), 177

Alkyls

Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*- $\text{VMe}_2(\text{dmpe})_2$ and *cis*- $\text{V}(\text{CH}_2\text{SiMe}_3)_2(\text{dmpe})_2$ (R.J. Morris, S.R. Wilson and G.S. Girolami), 1

Alkyne

Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) (C. Felten, D. Rodewald, W. Pribsch, F. Olbrich und D. Rehder), 51

Amide

Thallium(I)-bis(trimethylsilyl)amid (K.W. Klinkhammer und S. Henkel), 167

Antimony

Preparation and crystal structures of five organoantimony halides; (*p*-tolyl)antimony(III) dichloride and dibromide, diphenylantimony(III) bromide, (biphenyl-2,2'-diyl)antimony(III) chloride and bis-(2'-chlorobiphenyl-2-yl)antimony(V) trichloride (P.L. Millington und D.B. Sowerby), 227

Arene complexes

Five-membered OsC_3N heterocycles from osmium azavinylidenes as precursors (H. Werner, T. Daniel, T. Braun und O. Nürnberg), 145

Arsenic

First structural evidence for complexes containing arsadiphospholyl anions. Crystal structure of the iron(II) complex $[\text{Fe}(\eta^5\text{-C}_5\text{H}_5)(\eta^5\text{-C}_2^1\text{Bu}_2\text{AsP}_2)\text{W}(\text{CO})_5]$ (S.S. Al-Juaid, P.B. Hitchcock, J.A. Johnson und J.F. Nixon), 45

Aryl

The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes (J. Vicente, M.D. Bermúdez, F.J. Carrión und G. Martínez-Nicolás), 103

Azavinylidene

Five-membered OsC_3N heterocycles from osmium azavinylidenes as precursors (H. Werner, T. Daniel, T. Braun und O. Nürnberg), 145

Biphasic catalysis

Behaviour of water-soluble dinuclear rhodium complexes in the hydroformylation reaction of oct-1-ene (F. Monteil, R. Queau und P. Kalck), 177

Biphenyl

Preparation and crystal structures of five organoantimony halides; (*p*-tolyl)antimony(III) dichloride and dibromide, diphenylantimony(III) bromide, (biphenyl-2,2'-diyl)antimony(III) chloride and bis-(2'-chlorobiphenyl-2-yl)antimony(V) trichloride (P.L. Millington und D.B. Sowerby), 227

Boron

Pyrolysis and film growth studies of phosphinoborane compounds (T.J. Groshens und C.E. Johnson), 11

Bridging ligands

Galliumverbindungen mit dem 2-(*N,N*-Dimethylamino)ethyl-cyclopentadienylliganden (P. Jutzi und M. Bangel), C18

Carbonyl

Preparation and structure of a ruthenium dicarbonyl derivative of the $\text{P}_2\text{N}_4\text{S}_2$ ring (T. Chivers, R.W. Hilt, M. Parvez, D. Ristic-Petrovic und K. Hoffman), C4

Synthesis and characterization of $\text{Na}_5[\text{Co}(\text{CO})_3(\text{P}((\text{CH}_2)_n\text{C}_6\text{H}_4\text{-p-SO}_3)_2)_2]$, $n = 1, 2, 3$, and 6. Novel zwitterionic cobalt(I) complexes and their use as precursors to water soluble hydroformylation catalysts (T. Bartik, B. Bartik, I. Guo und B.E. Hanson), 15

Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) (C. Felten, D. Rodewald, W. Pribsch, F. Olbrich und D. Rehder), 51

Carbonylation

Carbon monoxide as a building block in organic synthesis. Part V. Involvement of palladium-hydride species in carbonylation reactions of monoterpenes. X-ray crystal structure of $[\text{Ph}_3\text{PCH}_2\text{CH}=\text{CHPh}]_4[\text{PdCl}_6][\text{SnCl}_6]$ (R. Naigre, T. Chenal, I. Ciprès, P. Kalck, J.-C. Daran und J. Vaissermann), 91

Catalysis

Dimerization of methyl acrylate by homogeneous transition metal catalysis. Part II. Activation of dihydridoruthenium(II)phosphane complexes by $\text{CF}_3\text{SO}_3\text{H}$ (B. Patzke und R. Sustmann), 65

Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*- $\text{VMe}_2(\text{dmpe})_2$ and *cis*- $\text{V}(\text{CH}_2\text{SiMe}_3)_2(\text{dmpe})_2$ (R.J. Morris, S.R. Wilson und G.S. Girolami), 1

Chelate

Chelating diphos ligands with inorganic backbones. Crystal structure of $[\text{PtCl}_2((\text{PPh}_2\text{O})_2\text{SiPh}_2)]$ (J.K. Hogg, S.L. James, A.G. Orpen und P.G. Pringle), C1

Chemical vapour deposition

Pyrolysis and film growth studies of phosphinoborane compounds (T.J. Groshens und C.E. Johnson), 11

Chromium

Aminosubstituierte 2-Azoniallenyliden-Komplexe des Chroms und Wolframs (H. Fischer, D. Reindl und C. Troll), 221

Preparation and structure of $(\eta^5\text{-cyclopentadienyl})(\eta^4\text{-tetraphenylcyclobutadiene})\text{cobalt}$ coordinated by four $\text{Cr}(\text{CO})_3$ units at the phenyl rings (F.-E. Hong, Y.-T. Chang, C.-T. Chen, S.-L. Wang und F.-L. Liao), 75

Clusters

Reaction of unsymmetrical thioalkynes $\text{RC}\equiv\text{CSC}_2\text{H}_5$ ($\text{R} = \text{CH}_3$ or C_6H_5) with iron carbonyl: cluster nuclearity has been increased from two to five iron atoms by utilizing C–S cleavage (S. Jeannin, Y. Jeannin, F. Robert and C. Rosenberger), 111

Synthesis, structure and hydrogenation catalytic activity of $[\text{Ru}_3(\mu_3, \eta^2\text{-ampy})(\mu, \eta^1: \eta^2\text{-PhC}\equiv\text{CHPh})(\text{CO})_6(\text{PPh}_3)_2](\text{Ham- py} = 2\text{-amino-6-methylpyridine})$ (J.A. Cabeza, A. Llamazares, V. Riera, P. Briard and L. Ouahab), 205

Cobalt

π -Olefin-Iridium-Komplexe. XXI. Synthese und Kristallstrukturen heterobinuclearer Komplexe mit wannenförmiger, synfacial gebundener $\eta^3: \eta^3$ -Benzolbrücke (J. Müller, P. Escarpa Gaede and K. Qiao), 213

Preparation and structure of $(\eta^5\text{-cyclopentadienyl})(\eta^4\text{-tetraphenylcyclobutadiene})\text{cobalt}$ coordinated by four $\text{Cr}(\text{CO})_3$ units at the phenyl rings (F.-E. Hong, Y.-T. Chang, C.-T. Chen, S.-L. Wang and F.-L. Liao), 75

Stabile $\text{Bis}(\eta^2\text{-Alkin})\text{MCl}_2$ -Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235

Synthesis and characterization of $\text{Na}_5[\text{Co}(\text{CO})_3(\text{P}((\text{CH}_2)_n\text{C}_6\text{H}_4\text{-p-SO}_3)_2)]$, $n = 1, 2, 3$, and 6. Novel zwitterionic cobalt(I) complexes and their use as precursors to water soluble hydroformylation catalysts (T. Bartik, B. Bartik, I. Guo and B.E. Hanson), 15

Copper

Stabile $\text{Bis}(\eta^2\text{-Alkin})\text{MCl}_2$ -Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235

Co-stacking

The co-stacking of a planar metal complex and a novel 1,3-dithiole: the synthesis and crystal structure of $[\text{Pt}(\text{mnt})(\text{CNMe})_2] \cdot (\text{NC})_2\text{C}_2\text{S}_2\text{CNMe}$ (N.G. Connelly, J.G. Crossley, A.G. Orpen and H. Salter), C12

Crystal structure

$\text{Bis}(8\text{-oxo quinoline})\text{diorgano tellurium(IV)}$ compounds; structural and spectroscopic studies (A.G. Maslakov, E. Gresham, T.A. Hamor, W.R. McWhinnie, M.C. Perry and N. Shaikh), 261

Chelating diphos ligands with inorganic backbones. Crystal structure of $[\text{PtCl}_2(\text{PPh}_2\text{O})_2\text{SiPh}_2]$ (J.K. Hogg, S.L. James, A.G. Orpen and P.G. Pringle), C1

Crystal structure of the crowded silanol $(\text{Me}_3\text{Si})_3\text{CSiPh}_2\text{OH}$ (A.I. Al-Mansour, S.S. Al-Juaid, C. Eaborn and P.B. Hitchcock), 139

First structural evidence for complexes containing arsadiphospholy anions. Crystal structure of the iron(II) complex $[\text{Fe}(\eta^5\text{-C}_5\text{H}_5)(\eta^3\text{-C}_2^t\text{Bu}_2\text{AsP}_2)\text{W}(\text{CO})_5]$ (S.S. Al-Juaid, P.B. Hitchcock, J.A. Johnson and J.F. Nixon), 45

Five-membered OsC_3N heterocycles from osmium azavinylidenes as precursors (H. Werner, T. Daniel, T. Braun and O. Nürnberg), 145

Preparation and crystal structures of five organoantimony halides; (*p*-tolyl)antimony(III) dichloride and dibromide, diphenylantimony(III) bromide, (biphenyl-2,2'-diyl)antimony(III) chloride and bis-(2'-chlorobiphenyl-2-yl)antimony(V) trichloride (P.L. Millington and D.B. Sowerby), 227

Preparation, crystal structure, and reactivity of bis (tris(trimethylsilyl)methyl)magnesium (S.S. Al-Juaid, C. Eaborn, P.B. Hitchcock, K. Kundu, C.A. McGeary and J.D. Smith), 199

Synthesis and structure of diethylindichloride methylenediphosphinato complex: $\text{Et}_2\text{SnCl}_2 \cdot [\text{Me}^i\text{PrO}]\text{P}(\text{O})_2\text{CH}_2$ (J. Lorberth, S. Wocadlo, W. Massa, N.S. Yashina, E.V. Grigor'ev and V.S. Petrosyan), 163

Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) (C. Felten, D. Rodewald, W. Priebsch, F. Olbrich and D. Rehder), 51

Synthesis, X-ray diffraction analysis and NMR studies of (Z)-2-methyl-3-triphenylstannyl-3-pentene-2-ol (R. Willem, A. Delmotte, I. De Borger, M. Biesemans, M. Gielen, F. Kayser and E.R.T. Tiekink), 255

Thallium(I)-bis(trimethylsilyl)amid (K.W. Klinkhammer und S. Henkel), 167

The co-stacking of a planar metal complex and a novel 1,3-dithiole: the synthesis and crystal structure of $[\text{Pt}(\text{mnt})(\text{CNMe})_2] \cdot (\text{NC})_2\text{C}_2\text{S}_2\text{CNMe}$ (N.G. Connelly, J.G. Crossley, A.G. Orpen and H. Salter), C12

Übergangsmetall-Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido-Silyl- und -Stannyl-Komplexe $\text{L}_3\text{FeH}_3(\text{ER}_3)$ ($\text{E} = \text{Si}, \text{Sn}$) (S. Gilbert, M. Knorr, S. Mock und U. Schubert), 241

Cyclometallation

Five-membered OsC_3N heterocycles from osmium azavinylidenes as precursors (H. Werner, T. Daniel, T. Braun and O. Nürnberg), 145

Cyclooctatetraene

Half-sandwich and mixed-ring uranium complexes (J.-C. Berthet, J.-F. Le Maréchal and M. Ephritikhine), 155

Cyclopentadienyl

$\text{Bis}(\eta^5\text{-pentamethylcyclopentadienyl})$ - and $(\eta^5\text{-cyclopentadienyl})(\eta^5\text{-pentamethylcyclopentadienyl})\text{platinum}$ dications: Pt(IV) metallocenes (O.V. Gusev, T.A. Peganova, M.G. Peterleitner, S.M. Peregudova, L.I. Denisovich, N.A. Ustynyuk and P.M. Maitlis), C16

Galliumverbindungen mit dem 2-(N,N-Dimethylamino)ethylcyclopentadienylliganden (P. Jutzi und M. Bangel), C18

Diethyltin Cpd.

Synthesis and structure of diethylindichloride methylenediphosphinato complex: $\text{Et}_2\text{SnCl}_2 \cdot [\text{Me}^i\text{PrO}]\text{P}(\text{O})_2\text{CH}_2$ (J. Lorberth, S. Wocadlo, W. Massa, N.S. Yashina, E.V. Grigor'ev and V.S. Petrosyan), 163

Dinuclear

Attempts at stepwise reduction of the carbon–nitrogen triple bond of a nitrile at two metal centres: study of the reactivity of $[(\text{CO})(\text{PPh}_3)_2\text{Re}(\mu\text{-H})(\mu\text{-NCHPh})\text{Ru}(\text{PPh}_3)_2(\text{PhCN})]$ towards tetrafluoroboric acid and dihydrogen (I. Moldes and R. Mathieu), 185

Molecular structure of trichloro(η^5 -pentamethylcyclopentadienyl)zirconium(IV) (A. Martín, M. Mena and F. Palacios), C10

Dithiole

The co-stacking of a planar metal complex and a novel 1,3-dithiole: the synthesis and crystal structure of $[\text{Pt}(\text{mnt})(\text{CNMe})_2] \cdot (\text{NC})_2\text{C}_2\text{S}_2\text{CNMe}$ (N.G. Connelly, J.G. Crossley, A.G. Orpen and H. Salter), C12

Early transition metals

Molecular structure of trichloro(η^5 -pentamethylcyclopentadienyl)zirconium(IV) (A. Martín, M. Mena and F. Palacios), C10

Electrochemistry

$\text{Bis}(\eta^5\text{-pentamethylcyclopentadienyl})$ - and $(\eta^5\text{-cyclopentadienyl})(\eta^5\text{-pentamethylcyclopentadienyl})\text{platinum}$ dications: Pt(IV) metallocenes (O.V. Gusev, T.A. Peganova, M.G. Peterleitner, S.M. Peregudova, L.I. Denisovich, N.A. Ustynyuk and P.M. Maitlis), C16

- Redox potential and substituent effects in ferrocene derivatives: II (M.E.N.P.R.A. Silva, A.J.L. Pombeiro, J.J.R. Fraústo da Silva, R. Herrmann, N. Deus and R.E. Bozak), 81
- Electron spin resonance
Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*-VMe₂(dmpe)₂ and *cis*-V(CH₂SiMe₃)₂(dmpe)₂ (R.J. Morris, S.R. Wilson and G.S. Girolami), 1
- Epoxybutane
Formation of a THF adduct of the organometallic samarium oxide [(C₅Me₅)₂Sm]₂(μ-O) (W.J. Evans and S.L. Gonzales), 41
- Ferrocenes
Redox potential and substituent effects in ferrocene derivatives: II (M.E.N.P.R.A. Silva, A.J.L. Pombeiro, J.J.R. Fraústo da Silva, R. Herrmann, N. Deus and R.E. Bozak), 81
- Fluxionality
Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands (R. Van Asselt, K. Vrieze and C.J. Elsevier), 27
- Gallium
Galliumverbindungen mit dem 2-(N,N-Dimethylamino)ethyl-cyclopentadienylliganden (P. Jutzi und M. Bangel), C18
- Gold
The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes (J. Vicente, M.D. Bermúdez, F.J. Carrión and G. Martínez-Nicolás), 103
- Group 15
Preparation and crystal structures of five organoantimony halides; (*p*-tolyl)antimony(III) dichloride and dibromide, diphenylantimony(III) bromide, (biphenyl-2,2'-diyl)antimony(III) chloride and bis-(2'-chlorobiphenyl-2-yl)antimony(V) trichloride (P.L. Millington and D.B. Sowerby), 227
- Group 4
Molecular structure of trichloro(η⁵-pentamethylcyclopentadienyl)zirconium(IV) (A. Martín, M. Mena and F. Palacios), C10
- Hafnium
Nucleophilic cyclo-carbenes as ligands in metal halides and metal oxides (W.A. Herrmann, K. Öfele, M. Elison, F.E. Kühn and P.W. Roesky), C7
- Half-sandwiches
Half-sandwich and mixed-ring uranium complexes (J.-C. Berthet, J.-F. Le Maréchal and M. Ephritikhine), 155
- Halide
Preparation and crystal structures of five organoantimony halides; (*p*-tolyl)antimony(III) dichloride and dibromide, diphenylantimony(III) bromide, (biphenyl-2,2'-diyl)antimony(III) chloride and bis-(2'-chlorobiphenyl-2-yl)antimony(V) trichloride (P.L. Millington and D.B. Sowerby), 227
- Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) (C. Felten, D. Rodewald, W. Priebsch, F. Olbrich and D. Rehder), 51
- Homogenous catalysis
Synthesis, structure and hydrogenation catalytic activity of [Ru₃(μ₃,η²-ampy)(μ,η¹:η²-PhC=CHPh)(CO)₆(PPh₃)₂](Hampy = 2-amino-6-methylpyridine) (J.A. Cabeza, A. Llamazares, V. Riera, P. Briard and L. Ouahab), 205
- Hydroesterification
Carbon monoxide as a building block in organic synthesis. Part V. Involvement of palladium-hydride species in carbonylation reactions of monoterpenes. X-ray crystal structure of [Ph₃PCH₂CH=CHPh]₄[PdCl₆][SnCl₆] (R. Naigre, T. Chenal, I. Ciprès, P. Kalck, J.-C. Daran and J. Vaissermann), 91
- Hydroformylation
Behaviour of water-soluble dinuclear rhodium complexes in the hydroformylation reaction of oct-1-ene (F. Monteil, R. Queau and P. Kalck), 177
- Synthesis and characterization of Na₂[Co(CO)₃(P((CH₂)_nC₆H₄-p-SO₃)₂)]₂, n = 1, 2, 3, and 6. Novel zwitterionic cobalt(I) complexes and their use as precursors to water soluble hydroformylation catalysts (T. Bartik, B. Bartik, I. Guo and B.E. Hanson), 15
- Hydrogenation
Synthesis, structure and hydrogenation catalytic activity of [Ru₃(μ₃,η²-ampy)(μ,η¹:η²-PhC=CHPh)(CO)₆(PPh₃)₂](Hampy = 2-amino-6-methylpyridine) (J.A. Cabeza, A. Llamazares, V. Riera, P. Briard and L. Ouahab), 205
- Hydrogen bonding
Crystal structure of the crowded silanol (Me₃Si)₃CSiPh₂OH (A.I. Al-Mansour, S.S. Al-Juaid, C. Eaborn and P.B. Hitchcock), 139
- Hydrolysis
Procedures for the preparation of silanols (J.A. Cella and J.C. Carpenter), 23
- Imine
Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands (R. Van Asselt, K. Vrieze and C.J. Elsevier), 27
- Iodotrisilanes
Synthese und Eigenschaften einiger Iodtrisilane (K. Hassler und U. Katzenbeisser), 173
- Iridium
π-Olefin-Iridium-Komplexe. XXI. Synthese und Kristallstrukturen heterobinuclearer Komplexe mit wannenförmiger, syn-facial gebundener η³:η³-Benzolbrücke (J. Müller, P. Escarpa Gaede und K. Qiao), 213
- Iron
First structural evidence for complexes containing arsadiphospho-lyl anions. Crystal structure of the iron(II) complex [Fe(η⁵-C₅H₅)(η⁵-C₂¹Bu₂AsP₂)(W(CO)₅)] (S.S. Al-Juaid, P.B. Hitchcock, J.A. Johnson and J.F. Nixon), 45
- Reaction of unsymmetrical thioalkynes RC≡CSC₂H₅ (R = CH₃ or C₆H₅) with iron carbonyl: cluster nuclearity has been increased from two to five iron atoms by utilizing C-S cleavage (S. Jeannin, Y. Jeannin, F. Robert and C. Rosenberger), 111
- Redox potential and substituent effects in ferrocene derivatives: II (M.E.N.P.R.A. Silva, A.J.L. Pombeiro, J.J.R. Fraústo da Silva, R. Herrmann, N. Deus and R.E. Bozak), 81
- Stabile Bis(η²-Alkin)MCl₂-Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235
- Übergangsmetall-Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido-Silyl- und -Stannyl-Komplexe L₃FeH₃(ER₃) (E = Si, Sn) (S. Gilbert, M. Knorr, S. Mock und U. Schubert), 241
- Isocyanide
The co-stacking of a planar metal complex and a novel 1,3-dithiole: the synthesis and crystal structure of [Pt(mnt)-(CNMe)₂](NC)₂C₂S₂CNMe (N.G. Connelly, J.G. Crossley, A.G. Orpen and H. Salter), C12

Lanthanide

Formation of a THF adduct of the organometallic samarium oxide $[(C_5Me_5)_2Sm]_2(\mu-O)$ (W.J. Evans and S.L. Gonzales), 41

Magnesium

Preparation, crystal structure, and reactivity of bis (tris(trimethylsilyl)methyl)magnesium (S.S. Al-Juaid, C. Eaborn, P.B. Hitchcock, K. Kundu, C.A. McGeary and J.D. Smith), 199

Mercury

The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes (J. Vicente, M.D. Bermúdez, F.J. Carrión and G. Martínez-Nicolás), 103

Metalocene

First structural evidence for complexes containing arsadiphospholyl anions. Crystal structure of the iron(II) complex $[Fe(\eta^5-C_5H_5)(\eta^5-C_2^1Bu_2AsP_2)W(CO)_5]$ (S.S. Al-Juaid, P.B. Hitchcock, J.A. Johnson and J.F. Nixon), 45

Metallocenes

Bis(η^5 -pentamethylcyclopentadienyl)- and (η^5 -cyclopentadienyl)(η^5 -pentamethylcyclopentadienyl)platinum dications: Pt(IV) metallocenes (O.V. Gusev, T.A. Peganova, M.G. Peterleitner, S.M. Peregodova, L.I. Denisovich, N.A. Ustyniyuk and P.M. Maitlis), C16

Das Perfluortriazinium-Kation als Oxidationsmittel in der metallorganischen Synthese—Ein neuer Weg zur Darstellung von $[Cp_2MCl_2]^{2+}$ (M = Mo, W) (A. Schulz und T.M. Klapötke), 195

Das Reaktionsverhalten von Cp_2NbCl_2 gegenüber WF_6 —Struktur von $[Cp_2NbCl_2]_4^+[WF_6]_2^-[WCl_6]^{2-}$ (A. Schulz, T.M. Klapötke, T.S. Cameron und P.K. Bakshi), 191

Formation of a THF adduct of the organometallic samarium oxide $[(C_5Me_5)_2Sm]_2(\mu-O)$ (W.J. Evans and S.L. Gonzales), 41

Methyl acrylate

Dimerization of methyl acrylate by homogeneous transition metal catalysis. Part II. Activation of dihydridoruthenium(II)phosphane complexes by CF_3SO_3H (B. Patzke and R. Sustmann), 65

Mixed-ring complexes

Half-sandwich and mixed-ring uranium complexes (J.-C. Berthet, J.-F. Le Maréchal and M. Ephritikhine), 155

MOCVD

Galliumverbindungen mit dem 2-(N,N-Dimethylamino)ethylcyclopentadienylliganden (P. Jutzki und M. Bangel), C18

Molybdenum

Das Perfluortriazinium-Kation als Oxidationsmittel in der metallorganischen Synthese—Ein neuer Weg zur Darstellung von $[Cp_2MCl_2]^{2+}$ (M = Mo, W) (A. Schulz und T.M. Klapötke), 195

Mössbauer spectroscopy

Synthesis, X-ray diffraction analysis and NMR studies of (Z)-2-methyl-3-triphenylstannyl-3-pentene-2-ol (R. Willem, A. Delmotte, I. De Borger, M. Biesemans, M. Gielen, F. Kayser and E.R.T. Tiekink), 255

Nb-93 NMR

Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) (C. Felten, D. Rodewald, W. Priebisch, F. Olbrich and D. Rehder), 51

Nickel

Stabile Bis(η^2 -Alkin)MCl₂-Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235

Niobium

Das Reaktionsverhalten von Cp_2NbCl_2 gegenüber WF_6 —Struktur von $[Cp_2NbCl_2]_4^+[WF_6]_2^-[WCl_6]^{2-}$ (A. Schulz, T.M. Klapötke, T.S. Cameron und P.K. Bakshi), 191

Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides (W.A. Herrmann, K. Öfele, M. Elison, F.E. Kühn and P.W. Roesky), C7

Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) (C. Felten, D. Rodewald, W. Priebisch, F. Olbrich and D. Rehder), 51

Nitriles

Attempts at stepwise reduction of the carbon-nitrogen triple bond of a nitrile at two metal centres: study of the reactivity of $[(CO)(PPh_3)_2Re(\mu-H)_2(\mu-NCHPh)Ru(PPh_3)_2(PhCN)]$ towards tetrafluoroboric acid and dihydrogen (I. Moldes and R. Mathieu), 185

Nitrogen

Preparation and structure of a ruthenium dicarbonyl derivative of the $P_2N_4S_2$ ring (T. Chivers, R.W. Hiltz, M. Parvez, D. Ristic-Petrovic and K. Hoffman), C4

Nuclear magnetic resonance

Dimerization of methyl acrylate by homogeneous transition metal catalysis. Part II. Activation of dihydridoruthenium(II)phosphane complexes by CF_3SO_3H (B. Patzke and R. Sustmann), 65

Synthesis, X-ray diffraction analysis and NMR studies of (Z)-2-methyl-3-triphenylstannyl-3-pentene-2-ol (R. Willem, A. Delmotte, I. De Borger, M. Biesemans, M. Gielen, F. Kayser and E.R.T. Tiekink), 255

Übergangsmetall-Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido-Silyl- und -Stannyl-Komplexe $L_3FeH_3(ER_3)$ (E = Si, Sn) (S. Gilbert, M. Knorr, S. Mock und U. Schubert), 241

Orthometallated complexes

The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes (J. Vicente, M.D. Bermúdez, F.J. Carrión and G. Martínez-Nicolás), 103

Osmium

Five-membered OsC_3N heterocycles from osmium azavinylidenes as precursors (H. Werner, T. Daniel, T. Braun and O. Nürnberg), 145

Oxidation

Das Perfluortriazinium-Kation als Oxidationsmittel in der metallorganischen Synthese—Ein neuer Weg zur Darstellung von $[Cp_2MCl_2]^{2+}$ (M = Mo, W) (A. Schulz und T.M. Klapötke), 195

Das Reaktionsverhalten von Cp_2NbCl_2 gegenüber WF_6 —Struktur von $[Cp_2NbCl_2]_4^+[WF_6]_2^-[WCl_6]^{2-}$ (A. Schulz, T.M. Klapötke, T.S. Cameron und P.K. Bakshi), 191

Oxidative addition

Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands (R. Van Asselt, K. Vrieze and C.J. Elsevier), 27

Oxide

Formation of a THF adduct of the organometallic samarium oxide $[(C_5Me_5)_2Sm]_2(\mu-O)$ (W.J. Evans and S.L. Gonzales), 41

Palladium

Carbon monoxide as a building block in organic synthesis. Part V. Involvement of palladium-hydride species in carbonylation reactions of monoterpenes. X-ray crystal structure of $[\text{Ph}_3\text{PCH}_2\text{CH}=\text{CHPh}]_4[\text{PdCl}_6][\text{SnCl}_6]$ (R. Naigre, T. Chenal, I. Ciprès, P. Kalck, J.-C. Daran and J. Vaissermann), 91

Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands (R. Van Asselt, K. Vrieze and C.J. Elsevier), 27

Pentamethylcyclopentadienyl

Formation of a THF adduct of the organometallic samarium oxide $[(\text{C}_5\text{Me}_5)_2\text{Sm}]_2(\mu\text{-O})$ (W.J. Evans and S.L. Gonzales), 41

Phosphane complexes

Dimerization of methyl acrylate by homogeneous transition metal catalysis. Part II. Activation of dihydridoruthenium(II)phosphane complexes by $\text{CF}_3\text{SO}_3\text{H}$ (B. Patzke and R. Sustmann), 65

Phosphinato-complex

Synthesis and structure of diethylindichloride methylenediphosphinato complex: $\text{Et}_2\text{SnCl}_2 \cdot [\text{Me}(\text{PrO})\text{P}(\text{O})]_2\text{CH}_2$ (J. Lorberth, S. Wocadlo, W. Massa, N.S. Yashina, E.V. Grigor'ev and V.S. Petrosyan), 163

Phosphine

Synthesis, structure and hydrogenation catalytic activity of $[\text{Ru}_3(\mu_3, \eta^2\text{-ampy})(\mu, \eta^1: \eta^2\text{-PhC}=\text{CHPh})(\text{CO})_6(\text{PPh}_3)_2](\text{Hampy} = 2\text{-amino-6-methylpyridine})$ (J.A. Cabeza, A. Llamazares, V. Riera, P. Briard and L. Ouahab), 205

Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*- $\text{VMe}_2(\text{dmpe})_2$ and *cis*- $\text{V}(\text{CH}_2\text{SiMe}_3)_2(\text{dmpe})_2$ (R.J. Morris, S.R. Wilson and G.S. Girolami), 1

Phosphinite

Chelating diphos ligands with inorganic backbones. Crystal structure of $[\text{PtCl}_2\{(\text{PPh}_2\text{O})_2\text{SiPh}_2\}]$ (J.K. Hogg, S.L. James, A.G. Orpen and P.G. Pringle), C1

Phosphorus

First structural evidence for complexes containing arsadiphospholyl anions. Crystal structure of the iron(II) complex $[\text{Fe}(\eta^5\text{-C}_5\text{H}_5)(\eta^5\text{-C}_2\text{Bu}_2\text{AsP}_2)\text{W}(\text{CO})_5]$ (S.S. Al-Juaid, P.B. Hitchcock, J.A. Johnson and J.F. Nixon), 45

Platinum

Bis(η^5 -pentamethylcyclopentadienyl)- and (η^5 -cyclopentadienyl)(η^5 -pentamethylcyclopentadienyl)platinum dications: Pt(IV) metallocenes (O.V. Gusev, T.A. Peganova, M.G. Peterleitner, S.M. Peregodova, L.I. Denisovich, N.A. Ustynyuk and P.M. Maitlis), C16

Chelating diphos ligands with inorganic backbones. Crystal structure of $[\text{PtCl}_2\{(\text{PPh}_2\text{O})_2\text{SiPh}_2\}]$ (J.K. Hogg, S.L. James, A.G. Orpen and P.G. Pringle), C1

The co-stacking of a planar metal complex and a novel 1,3-dithiole: the synthesis and crystal structure of $[\text{Pt}(\text{mnt})(\text{CNMe})_2] \cdot (\text{NC})_2\text{C}_2\text{S}_2\text{CNMe}$ (N.G. Connelly, J.G. Crossley, A.G. Orpen and H. Salter), C12

Preparation

Organometallic alkenes: the first stable silene in the neopentyl series (G. Delpon-Lacaze and C. Couret), C14

Redox potentials

Redox potential and substituent effects in ferrocene derivatives: II (M.E.N.P.R.A. Silva, A.J.L. Pombeiro, J.J.R. Fraústo da Silva, R. Herrmann, N. Deus and R.E. Bozak), 81

Reduction

Attempts at stepwise reduction of the carbon–nitrogen triple bond of a nitrile at two metal centres: study of the reactivity of $[(\text{CO})(\text{PPh}_3)_2\text{Re}(\mu\text{-H})_2(\mu\text{-NCHPh})\text{Ru}(\text{PPh}_3)_2(\text{PhCN})]$ towards tetrafluoroboric acid and dihydrogen (I. Moldes and R. Mathieu), 185

Reductive elimination

Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands (R. Van Asselt, K. Vrieze and C.J. Elsevier), 27

Rhenium

Attempts at stepwise reduction of the carbon–nitrogen triple bond of a nitrile at two metal centres: study of the reactivity of $[(\text{CO})(\text{PPh}_3)_2\text{Re}(\mu\text{-H})_2(\mu\text{-NCHPh})\text{Ru}(\text{PPh}_3)_2(\text{PhCN})]$ towards tetrafluoroboric acid and dihydrogen (I. Moldes and R. Mathieu), 185

Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides (W.A. Herrmann, K. Öfele, M. Elison, F.E. Kühn and P.W. Roesky), C7

Rhodium

Behaviour of water-soluble dinuclear rhodium complexes in the hydroformylation reaction of oct-1-ene (F. Monteil, R. Queau and P. Kalck), 177

π -Olefin-Iridium-Komplexe. XXI. Synthese und Kristallstrukturen heterobinuclearer Komplexe mit wannenförmiger, synfacial gebundener $\eta^3: \eta^3$ -Benzolbrücke (J. Müller, P. Escarpa Gaede und K. Qiao), 213

Rigid ligands

Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands (R. Van Asselt, K. Vrieze and C.J. Elsevier), 27

Ruthenium

Attempts at stepwise reduction of the carbon–nitrogen triple bond of a nitrile at two metal centres: study of the reactivity of $[(\text{CO})(\text{PPh}_3)_2\text{Re}(\mu\text{-H})_2(\mu\text{-NCHPh})\text{Ru}(\text{PPh}_3)_2(\text{PhCN})]$ towards tetrafluoroboric acid and dihydrogen (I. Moldes and R. Mathieu), 185

Dimerization of methyl acrylate by homogeneous transition metal catalysis. Part II. Activation of dihydridoruthenium(II)phosphane complexes by $\text{CF}_3\text{SO}_3\text{H}$ (B. Patzke and R. Sustmann), 65

Preparation and structure of a ruthenium dicarbonyl derivative of the $\text{P}_2\text{N}_4\text{S}_2$ ring (T. Chivers, R.W. Hilts, M. Parvez, D. Ristic-Petrovic and K. Hoffman), C4

Synthesis, structure and hydrogenation catalytic activity of $[\text{Ru}_3(\mu_3, \eta^2\text{-ampy})(\mu, \eta^1: \eta^2\text{-PhC}=\text{CHPh})(\text{CO})_6(\text{PPh}_3)_2](\text{Hampy} = 2\text{-amino-6-methylpyridine})$ (J.A. Cabeza, A. Llamazares, V. Riera, P. Briard and L. Ouahab), 205

Samarium

Formation of a THF adduct of the organometallic samarium oxide $[(\text{C}_5\text{Me}_5)_2\text{Sm}]_2(\mu\text{-O})$ (W.J. Evans and S.L. Gonzales), 41

Self-condensation

Procedures for the preparation of silanols (J.A. Cella and J.C. Carpenter), 23

Silanol

Crystal structure of the crowded silanol $(\text{Me}_3\text{Si})_3\text{CSiPh}_2\text{OH}$ (A.I. Al-Mansour, S.S. Al-Juaid, C. Eaborn and P.B. Hitchcock), 139

Silanols

Procedures for the preparation of silanols (J.A. Cella and J.C. Carpenter), 23

- Silene**
Organometallic alkenes: the first stable silene in the neopentyl series (G. Delpon-Lacaze and C. Couret), C14
- Silicon**
Chelating diphos ligands with inorganic backbones. Crystal structure of $[\text{PtCl}_2(\text{PPh}_2\text{O})_2\text{SiPh}_2]$ (J.K. Hogg, S.L. James, A.G. Orpen and P.G. Pringle), C1
Crystal structure of the crowded silanol $(\text{Me}_3\text{Si})_3\text{CSiPh}_2\text{OH}$ (A.I. Al-Mansour, S.S. Al-Juaid, C. Eaborn and P.B. Hitchcock), 139
Organometallic alkenes: the first stable silene in the neopentyl series (G. Delpon-Lacaze and C. Couret), C14
Preparation, crystal structure, and reactivity of bis(tris(trimethylsilyl)methyl)magnesium (S.S. Al-Juaid, C. Eaborn, P.B. Hitchcock, K. Kundu, C.A. McGeary and J.D. Smith), 199
Procedures for the preparation of silanols (J.A. Cella and J.C. Carpenter), 23
Stabile $\text{Bis}(\eta^2\text{-Alkin})\text{MCl}_2$ -Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235
Synthese und Eigenschaften einiger Iodtrisilane (K. Hassler und U. Katzenbeisser), 173
Thallium(I)-bis(trimethylsilyl)amid (K.W. Klinkhammer und S. Henkel), 167
- Silver**
Stabile $\text{Bis}(\eta^2\text{-Alkin})\text{MCl}_2$ -Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235
The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes (J. Vicente, M.D. Bermúdez, F.J. Carrión and G. Martínez-Nicolás), 103
- Silyl**
Übergangsmetall-Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido-Silyl- und -Stannyl-Komplexe $\text{L}_3\text{FeH}_3(\text{ER}_3)$ (E = Si, Sn) (S. Gilbert, M. Knorr, S. Mock und U. Schubert), 241
- Stannyl**
Übergangsmetall-Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido-Silyl- und -Stannyl-Komplexe $\text{L}_3\text{FeH}_3(\text{ER}_3)$ (E = Si, Sn) (S. Gilbert, M. Knorr, S. Mock und U. Schubert), 241
- Substituent effects**
Redox potential and substituent effects in ferrocene derivatives: II (M.E.N.P.R.A. Silva, A.J.L. Pombeiro, J.J.R. Fraústo da Silva, R. Herrmann, N. Deus and R.E. Bozak), 81
- Sulfur**
Preparation and structure of a ruthenium dicarbonyl derivative of the $\text{P}_2\text{N}_4\text{S}_2$ ring (T. Chivers, R.W. Hiltz, M. Parvez, D. Ristic-Petrovic and K. Hoffman), C4
- Tantalum**
Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides (W.A. Herrmann, K. Öfele, M. Elison, F.E. Kühn and P.W. Roesky), C7
- Tellurium**
Bis-(8-oxo quinoline)diorgano tellurium(IV) compounds; structural and spectroscopic studies (A.G. Maslakov, E. Gresham, T.A. Hamor, W.R. McWhinnie, M.C. Perry and N. Shaikh), 261
- Terpenes**
Carbon monoxide as a building block in organic synthesis. Part V. Involvement of palladium-hydride species in carbonylation reactions of monoterpenes. X-ray crystal structure of $[\text{Ph}_3\text{PCH}_2\text{CH}=\text{CHPh}]_4[\text{PdCl}_6][\text{SnCl}_6]$ (R. Naigre, T. Chenal, I. Ciprès, P. Kalck, J.-C. Daran and J. Vaissermann), 91
- Thallium**
Thallium(I)-bis(trimethylsilyl)amid (K.W. Klinkhammer und S. Henkel), 167
- Thin films**
Pyrolysis and film growth studies of phosphinoborane compounds (T.J. Groshens and C.E. Johnson), 11
- Thioalkynes**
Reaction of unsymmetrical thioalkynes $\text{RC}=\text{CSC}_2\text{H}_5$ (R = CH_3 or C_6H_5) with iron carbonyl: cluster nuclearity has been increased from two to five iron atoms by utilizing C-S cleavage (S. Jeannin, Y. Jeannin, F. Robert and C. Rosenberger), 111
- Tin**
Synthesis and structure of diethyltindichloride methylenediphosphinato complex: $\text{Et}_2\text{SnCl}_2 \cdot [\text{Me}(\text{}^i\text{PrO})\text{P}(\text{O})]_2\text{CH}_2$ (J. Lorberth, S. Wocadlo, W. Massa, N.S. Yashina, E.V. Grigor'ev and V.S. Petrosyan), 163
Synthesis, X-ray diffraction analysis and NMR studies of (Z)-2-methyl-3-triphenylstannyl-3-pentene-2-ol (R. Willem, A. Delmotte, I. De Borger, M. Biesemans, M. Gielen, F. Kayser and E.R.T. Tiekink), 255
- Titanium**
Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides (W.A. Herrmann, K. Öfele, M. Elison, F.E. Kühn and P.W. Roesky), C7
Stabile $\text{Bis}(\eta^2\text{-Alkin})\text{MCl}_2$ -Komplexe; Darstellung und Reaktivität (M. Herres und H. Lang), 235
- Transition metals**
Dimerization of methyl acrylate by homogeneous transition metal catalysis. Part II. Activation of dihydridoruthenium(II)phosphane complexes by $\text{CF}_3\text{SO}_3\text{H}$ (B. Patzke and R. Sustmann), 65
- Transmetallation**
The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes (J. Vicente, M.D. Bermúdez, F.J. Carrión and G. Martínez-Nicolás), 103
- Tungsten**
Aminosubstituierte 2-Azoniaallenyliden-Komplexe des Chroms und Wolframs (H. Fischer, D. Reindl und C. Troll), 221
Das Perfluortriazinium-Kation als Oxidationsmittel in der metallorganischen Synthese—Ein neuer Weg zur Darstellung von $[\text{Cp}_2\text{MCl}_2]^{2+}$ (M = Mo, W) (A. Schulz und T.M. Klapötke), 195
First structural evidence for complexes containing arsadiphospho-lyl anions. Crystal structure of the iron(II) complex $[\text{Fe}(\eta^5\text{-C}_5\text{H}_5)(\eta^5\text{-C}_2^1\text{Bu}_2\text{AsP}_2)\text{W}(\text{CO})_5]$ (S.S. Al-Juaid, P.B. Hitchcock, J.A. Johnson and J.F. Nixon), 45
- Uranium**
Half-sandwich and mixed-ring uranium complexes (J.-C. Berthet, J.-F. Le Maréchal and M. Ephritikhine), 155
- Vanadium**
Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides (W.A. Herrmann, K. Öfele, M. Elison, F.E. Kühn and P.W. Roesky), C7
Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*- $\text{VMe}_2(\text{dmpe})_2$ and *cis*- $\text{V}(\text{CH}_2\text{SiMe}_3)_2(\text{dmpe})_2$ (R.J. Morris, S.R. Wilson and G.S. Girolami), 1
- Water-soluble catalysts**
Synthesis and characterization of $\text{Na}_5[\text{Co}(\text{CO})_3\{\text{P}((\text{CH}_2)_n\text{C}_6\text{H}_4\text{-p-SO}_3)_3\}_2]$, $n = 1, 2, 3$, and 6. Novel zwitterionic cobalt(I) complexes and their use as precursors to water soluble hydro-

- formylation catalysts (T. Bartik, B. Bartik, I. Guo and B.E. Hanson), 15
- Water-soluble phosphines
- Synthesis and characterization of $\text{Na}_5[\text{Co}(\text{CO})_3(\text{P}((\text{CH}_2)_n\text{C}_6\text{H}_4\text{-p-SO}_3)_3)_2]$, $n = 1, 2, 3$, and 6. Novel zwitterionic cobalt(I) complexes and their use as precursors to water soluble hydroformylation catalysts (T. Bartik, B. Bartik, I. Guo and B.E. Hanson), 15
- X-ray crystallography
- π -Olefin-Iridium-Komplexe. XXI. Synthese und Kristallstrukturen heterobinuclearer Komplexe mit wannenförmiger, synfacial gebundener $\eta^3:\eta^3$ -Benzolbrücke (J. Müller, P. Escarpa Gaede und K. Qiao), 213
- X-ray diffraction
- Das Reaktionsverhalten von Cp_2NbCl_2 gegenüber WF_6 —Struktur von $[\text{Cp}_2\text{NbCl}_2]_4^+[\text{WF}_6]_2^-[\text{WCl}_6]^{2-}$ (A. Schulz, T.M. Klapötke, T.S. Cameron und P.K. Bakshi), 191
- Molecular structure of trichloro(η^5 -pentamethylcyclopentadienyl)zirconium(IV) (A. Martín, M. Mena and F. Palacios), C10
- Reaction of unsymmetrical thioalkynes $\text{RC}\equiv\text{SC}_2\text{H}_5$ ($\text{R} = \text{CH}_3$ or C_6H_5) with iron carbonyl: cluster nuclearity has been increased from two to five iron atoms by utilizing C–S cleavage (S. Jeannin, Y. Jeannin, F. Robert and C. Rosenberger), 111
- Synthesis and structure of diethylindichloride methylenediphosphinato complex: $\text{Et}_2\text{SnCl}_2 \cdot [\text{Me}(\text{}^i\text{PrO})\text{P}(\text{O})_2\text{CH}_2]$ (J. Lorberth, S. Wocadlo, W. Massa, N.S. Yashina, E.V. Grigor'ev and V.S. Petrosyan), 163
- Synthesis, structure and hydrogenation catalytic activity of $[\text{Ru}_3(\mu_3, \eta^2\text{-ampy})(\mu, \eta^1:\eta^2\text{-PhC=CHPh})(\text{CO})_6(\text{PPh}_3)_2](\text{Ham-py} = 2\text{-amino-6-methylpyridine})$ (J.A. Cabeza, A. Llamazares, V. Riera, P. Briard and L. Ouahab), 205
- Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*- $\text{VMe}_2(\text{dmpe})_2$ and *cis*- $\text{V}(\text{CH}_2\text{SiMe}_3)_2(\text{dmpe})_2$ (R.J. Morris, S.R. Wilson and G.S. Girolami), 1
- X-ray structure
- Carbon monoxide as a building block in organic synthesis. Part V. Involvement of palladium-hydride species in carbonylation reactions of monoterpenes. X-ray crystal structure of $[\text{Ph}_3\text{PCH}_2\text{CH=CHPh}]_4[\text{PdCl}_6][\text{SnCl}_6]$ (R. Naigre, T. Chenal, I. Cibrès, P. Kalck, J.-C. Daran and J. Vaissermann), 91
- Zirconium
- Molecular structure of trichloro(η^5 -pentamethylcyclopentadienyl)zirconium(IV) (A. Martín, M. Mena and F. Palacios), C10