

- Ohama, Y., 381
 Okuda, J., 317
 Olivier, M.J., 283
 Onishi, M., 381
 Oro, L.A., 249
 Ortega, R.B., 89
 Panunzi, A., 389
 Pardo, M.P., 325
 Patrick, J.M., 361
 Perpiñan, M.F., 325
 Peterleitner, M.G., 313
 Petrovskii, P.V., 345
 Pfisterer, H., 219
 Potter, D.M., 119
 Puff, H., 23, 33
 Radeglia, R., C1
 Reeb, P., 111
 Rest, A.J., C25
 Riegel, H.J., 267
 Romanin, A.M., 199, 207
 Romiti, P., C37
 Rosen, R.P., 89
 Rufiński, A., C11
 Ryan, R.R., 305
 Rybinskaya, M.I., 313
 Salazar, K.V., 305
 Schmidbaur, H., 59
 Schroth, G., C11
 Schuh, W., 33
 Schwab, W., 33
 Schwemlein, H., 69
 Serwatowski, J., 159
 Simpson, S.J., C29
 Sironi, A., C37
 Söhnen, D., 143
 Soloveychik, G.L., 167
 Spek, A.L., C33
 Stötzel, R., 1
 Suslova, E.N., 173
 Tagliavini, G., 293
 Takahashi, T., 75
 Tamao, K., 13
 Thomas, S.E., C29
 Tolstaya, M.V., 313
 Trusov, V.V., 243, 339
 Tuzi, A., 389
 Tyurin, V.D., 243, 339
 Uchida, Y., 75
 Uhlig, E., C33
 Usatov, A.V., 127
 Walther, D., C33
 Wardell, J.L., 261
 Wasserman, H.J., 305
 Watakabe, A., 75
 Watts, W.E., 193
 White, A.H., 361
 Wilson, W.F., C6
 Winter, M., C15
 Wuest, J.D., 283
 Yamamoto, A., 83
 Yamamoto, T., 83
 Yokotake, I., 75
 Zaikin, V.G., 339
 Zakharkin, L.I., 127
 Zemlyansky, N.N., 189
 Ziegler, M.L., 219
 Zozulin, A.J., 305

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 254 (1983)

SUBJECT INDEX

Aluminium

Alkylaluminoxanes, synthesis and structure of (M. Bolesławski, J. Serwatowski), 159

Dicyclopentadienylttrium chloride complex with triethylaminalane, $[\eta\text{-}(\text{C}_5\text{H}_5)_2\text{-YCl}\cdot\text{AlH}_3\cdot\text{NEt}_3]_2$, crystal and molecular structure of (E.B. Lobkovsky, G.L. Soloveychik, B.M. Bulychev, A.B. Erofeev, A.I. Gusev, N.I. Kirillova), 167

Bismuth

Methyl/trifluoromethyl organometallic compounds, synthesis by low temperature cocondensation of trifluoromethyl radicals and methylalkyl Main Groups compounds of (M.A. Guerra, R.L. Armstrong, W.I. Bailey, Jr., R.J. Lagow), 53

Boron

o-Carboranylphosphine-palladium(II) and -platinum(II) complexes, intramolecular metallation of (V.N. Kalinin, A.V. Usatov, L.I. Zakharkin), 127

$[\text{fac-}(\text{OC})_3\text{Re}(\text{CH}_3\text{CO})_3]\text{BBr}$, crystal and molecular structure of and further refinement of the structure of $[\text{fac-}(\text{OC})_3\text{Re}(\text{CH}_3\text{CO})_3]\text{BCl}$ (A.J. Baskar, C.M. Lukehart), 149

Tricarbonyl(1-methylborinato) chromium derivatives, synthesis of (G.E. Herberich, D. Söhnen), 143

Chromium

Arenechromium tricarbonyl complexes, electrochemical substitution of a CO group by a P ligand in (M.G. Peterleitner, M.V. Tolstaya, V.V. Krivykh, L.I. Denisovitch, M.I. Rybinskaya), 313

Benzylidene- η^5 -tricarbonyl(cyclohexadienyl)chromium(0), ^1H NMR study of the structure of di- and tri-phenylmethyl anions in (A. Ceccon, A. Gambaro, A.M. Romanin, A. Venzo), 199

Interaction of organometallic moieties with carbanions and other electron-rich centres (*Review*) (R.C. Kerber), 131

Tricarbonylchromium, effect on base strengths of tropone and 2-alkoxytropones of π -complexation with (K. Lal, N.T. Leckey, W.E. Watts), 193

Tricarbonyl(1-methylborinato)chromium derivatives, synthesis of (G.E. Herberich, D. Söhnen), 143

Cobalt

Tetracarbonylcobalt and dimethylphenylphosphinetricarbonylcobalt anions, electrochemical oxidation of (Y. Mugnier, P. Reeb, C. Moise, E. Laviron), 111

Germanium

Di-t-butylgermanium dihydroxide and oxide, preparation and structure of (H. Puff, S. Franken, W. Schuh, W. Schwab), 33

Gold

$[\text{Au}_6(\text{PPh}_3)_6](\text{NO}_3)_2 \cdot 3\text{CH}_2\text{Cl}_2$, edge-shared bitetrahedral gold cluster, synthesis and structural characterisation of (C.E. Briant, K.P. Hall, D.M.P. Mingos), C18

Iridium

(n^2 -1,3-Alkadiene)(η^5 -cyclopentadienyl)methylnickel complexes, preparation of (H. Lehmkühl, F. Danowski, R. Benn, A. Rufińska, G. Schroth, R. Mynott), C11

$[\text{Ir}(\text{TFB})(\text{Arene})]\text{BF}_4^-$ (TFB = tetrafluorobenzobarrelene, arene = 1,4- $\text{Me}_2\text{C}_6\text{H}_4$, C_6Me_5), crystal structures of (R. Usón, L.A. Oro, D. Carmona, M.A. Esteruelas, C. Foces-Foces, F.H. Cano, S. García-Blanco), 249

1-Phenylpropyllithium, formation from benzyllithium and ethylene in THF of (A. Maercker, R. Stötzel), 1

Iron

Diiron hexacarbonyl complexes from azomethynes and azines, mass spectra of (A.I. Mikaya, V.G. Zaikin, V.V. Trusov, A.I. Nekhaev, V.D. Tyurin), 339

Ethylene- and 1,3-butadiene-coordinated iron(0) complexes having dimethylphenylphosphine ligands, preparation and properties of (S. Komiya, H. Minato, T. Ikariya, T. Yamamoto, A. Yamamoto), 83

$\text{Fe}_3[\mu_2-\eta^6-\text{o-C}_6\text{H}_4\text{CH}_2\text{N}(\text{N}=\text{CHC}_6\text{H}_5)](\text{CO})_8$, trinuclear *ortho*-metalated product from benzalazine and $\text{Fe}_3(\text{CO})_{12}$ (N.S. Nametkin, V.D. Tyurin, V.V. Trusov, A.M. Krapivin), 243

α -Ferrocenyl carbocations, ^{57}Fe NMR shifts and ^{57}Fe , ^{13}C coupling constants in; direct metal participation in stabilisation of metallocenyl carbocations (A.A. Koridze, N.M. Astakhova, P.V. Petrovskii), 345

Interaction of organometallic moieties with carbanions and other electron-rich centres (*Review*) (R.C. Kerber), 131

$[(\text{Me}_5\text{C}_5)\text{Fe}(\text{CO})_2\text{L}]^+$ ($\text{L} = \text{CO}, \text{PPh}_3, \text{PMe}_3$) and $[(\text{Me}_5\text{C}_5)\text{Fe}(\text{CO})(\text{Ph}_2\text{PCH}_2-\text{CH}_2\text{PPh}_2)]^+$, preparation and hydride reduction of (S.G. Davies, S.J. Simpson, S.E. Thomas), C29

α -Methoxyalkyliron complexes, preparation of; precursors of secondary carbeneiron complexes (C.P. Casey, W.H. Miles), 333

Lead

Methyl/trifluoromethyl organometallic compounds, synthesis by low temperature cocondensation of trifluoromethyl radicals and methylalkyl Main Group compounds of (M.A. Guerra, R.L. Armstrong, W.I. Bailey, Jr., R.J. Lagow), 53

Manganese

α -Ferrocenyl carbocations, ^{57}Fe NMR shifts and ^{57}Fe , ^{13}C coupling constants

in; direct metal participation in stabilisation of metallocenyl carbocations (A.A. Koridze, N.M. Astakhova, P.V. Petrovskii), 345

Interaction of organometallic moieties with carbanions and other electron-rich centres (*Review*) (R.C. Kerber), 131

Mercury

Methyl/trifluoromethyl organometallic compounds, synthesis by low temperature cocondensation of trifluoromethyl radicals and methylalkyl Main Group compounds of (M.A. Guerra, R.L. Armstrong, W.I. Bailey, Jr., R.J. Lagow), 53

Metallocenes

(η^2 -1,3-Alkadiene)(η^5 -cyclopentadienyl)-methylnickel complexes, preparation of (H. Lehmkuhl, F. Danowski, R. Benn, A. Rufińska, G. Schroth, R. Mynott), C11

Cyclopentadienylnickel complexes, coordination of tetraphenyldiphosphane in (N. Kuhn, M. Winter), C15

α -Ferrocenyl carbocations, ^{57}Fe NMR shifts and ^{57}Fe , ^{13}C coupling constants in; direct metal participation in stabilisation of metallocenyl carbocations (A.A. Koridze, N.M. Astakhova, P.V. Petrovskii), 345

Tetramethylene-bridged titanocene and zirconocene derivatives, synthesis via reductive fulvene coupling of (H. Schwemlein, H.H. Brintzinger), 69

Molybdenum

Cyclisation and fragmentation of organoazides in reactions with Mo=Mo and W=W bonds (W.A. Herrmann, G.W. Kriegbaum, R. Dammel, H. Bock, M.L. Ziegler, H. Pfisterer), 219

Dicyclopentadienylhexacarbonyl-dimolybdenum and -ditungsten, primary CO dissociation pathway in photochemistry of (R.H. Hooker, K.A. Mahmoud, A.J. Rest), C25

Di- η^5 -cyclopentadienylmolybdenum dihydride and acetylenedicarbonic acid

dimethyl ester, stereochemistry of the insertion product of; crystal and molecular structure of di- η^5 -cyclopentadienylhydrido[η^1 -{1,2-bis(methoxy-carbonyl)-(Z)-vinyl}]molybdenum (G.E. Herberich, B. Hessner, J. Okuda), 317

Interaction of organometallic moieties with carbanions and other electron-rich centres (*Review*) (R.C. Kerber), 131

$\text{M}(\text{CO})_3\text{L}_3$ ($\text{L} = \text{Py}$, $\text{M} = \text{Mo}$, $\text{W} = \text{NH}_3$, $\text{M} = \text{Mo}$) and $\text{M}(\text{CO})_4(2\text{-MePy})_2$ ($\text{M} = \text{Mo}$, W), reactions with HgX_2 ($\text{X} = \text{Cl}$, CN, SCN) of (M.A. Lobo, M.F. Perpiñan, M.P. Pardo, M. Cano), 325

π -Tricarbonylchromium-phenyldimethyl-sulphonium tetrafluoroborate, electrochemical reduction in dimethyl sulphoxide of (A. Cecon, A. Gambaro, A.M. Romanin, A. Venzo), 207

η^2 -Vinyl-metal complexes, isomerism and fluxional behaviour in; crystal and molecular structures of isomers of $[\text{MoCl}\{\eta^2\text{-C}(\text{CF}_3)_2\text{C}(\text{CF}_3)_2(\text{P}\text{Et}_3)\}-(\text{CF}_3\text{C}=\text{CCF}_3)(\eta^5\text{C}_5\text{H}_5)]$ (J.L. Davidson, W.F. Wilson, L. Manojlović-Muir, K.W. Muir), C6

Nickel

(η^2 -1,3-Alkadiene)(η^5 -cyclopentadienyl)-methylnickel complexes, preparation of (H. Lehmkuhl, F. Danowski, R. Benn, A. Rufińska, G. Schroth, R. Mynott), C11

Bis(diphenylphosphino)amide-platinum, -palladium and -nickel complexes; crystal structure of $[\text{CH}_3\text{N}[(\text{C}_6\text{H}_5)_2\text{P}]_2]_2\text{Pd}^{2+} \cdot 2\text{SO}_4^{2-}$ (H. Schmidbaur, S. Lauteschläger, B. Milewski-Mahrla), 59

Cyclopentadienylnickel complexes, coordination of tetraphenyldiphosphane in (N. Kuhn, M. Winter), C15

Oxidative coupling of carbon monoxide to nickel, formation of oxalic acid derivatives by (H. Hoberg, F.J. Fañanás, H.J. Riegel), 267

Phosphaalkene-nickel(0) complex formation, influence of the P ligand on the η^1 and η^2 coordination mode in (T.A. van der Knaap, L.W. Jenneskens, H.J. Meeuwissen, F. Bickelhaupt, D. Walther, E. Dinjus, E. Uhlig, A.L. Spek), C33

Palladium

- Bis(diphenylphosphino)amide-platinum, -palladium and -nickel complexes; crystal structure of $[\text{CH}_3\text{N}[(\text{C}_6\text{H}_5)_2\text{P}]_2]_2\text{-Pd}^{2+}\cdot 2\text{SO}_3\text{F}^-$ (H. Schmidbaur, S. Lauteschläger, B. Milewski-Mahrla), 59
- o*-Carboranylphosphine-palladium(II) and -platinum(II) complexes, intramolecular metallation of (V.N. Kalinin, A.V. Usatov, L.I. Zakharkin), 127
- $[\text{Pd}(\text{C}_6\text{F}_5)_2(\text{CNR})_2]$, reactions with $[\text{PdCl}_2(\text{NCPh})_2]$ of insertion of *p*-Me₂C₆H₄NC into Pd—C₆F₅ bonds (R. Usón, J. Fornies, P. Espinet, E. Lalinde), 371
- 2-Picolyl-bridged palladium(II) complex, reactions with pyrazole derivatives of (M. Onishi, K. Hiraki, T. Itoh, Y. Ohama), 381

Phosphorus

- cis*- and *trans*-[RhI(CO)(PAr₃)₂] (Ar = aryl), preparation and ready dissociation in solution of (F.R. Hartley, S.G. Murray, D.M. Potter), 119
- Arenechromium tricarbonyl complexes, electrochemical substitution of a CO group by a P ligand in (M.G. Peterleitner, M.V. Tolstaya, V.V. Krivykh, L.I. Denisovitch, M.I. Rybinskaya), 313
- [Au₆(PPh₃)₆](NO₃)₂·3CH₂Cl₂, edge-shared bitetrahedral gold cluster, synthesis and structural characterisation of (C.E. Briant, K.P. Hall, D.M.P. Mingos), C18
- Bis(diphenylphosphino)amide-platinum, -palladium and -nickel complexes, crystal structure of $[\text{CH}_3\text{N}[(\text{C}_6\text{H}_5)_2\text{P}]_2]_2\text{-Pd}^{2+}\cdot 2\text{SO}_3\text{F}^-$ (H. Schmidbaur, S. Lauteschläger, B. Milewski-Mahrla), 59
- o*-Carboranylphosphine-palladium(II) and -platinum(II) complexes, intramolecular metallation of (V.N. Kalinin, A.V. Usatov, L.I. Zakharkin), 127
- $[(\text{C}_6\text{H}_5)_3\text{P}]_2\text{N}^+[(\text{o-phen})(\text{CO})(\text{CN})_2\text{W}^-(\text{O}=\text{C}=\text{CC}_6\text{H}_5)]^-$ (*o-phen* = 1,10-phenanthroline), anionic η^2 -ketene complex, isolation and characterisation of (E.O. Fischer, A.C. Filippou, H.G. Alt, K. Ackermann), C21
- Cyclopentadienylnickel complexes, coordination of tetraphenyldiphosphane in (N. Kuhn, M. Winter), C15

Ethylene- and 1,3-butadiene-coordinated iron(0) complexes having dimethylphenylphosphine ligands, preparation and properties of (S. Komiya, H. Minato, T. Ikariya, T. Yamamoto, A. Yamamoto), 83

$\text{H}_4\text{Ru}_4(\text{CO})_6(\text{PMe}_2\text{Ph})[\text{P}(\text{OC}_6\text{H}_4\text{Me}-p)_3]-[\text{P}(\text{OCH}_3)_3\text{CET}]$, X-ray structure of (M.I. Bruce, B.K. Nicholson, J.M. Patrick, A.H. White), 361

$[(\text{Me}_2\text{C}_5)_2\text{Fe}(\text{CO})_2]^+$ ($\text{L} = \text{CO, PPh}_3, \text{PMes}_3$) and $[(\text{Me}_2\text{C}_5)_2\text{Fe}(\text{CO})(\text{Ph}_2\text{PCH}_2\text{CH}_2-\text{PPh}_2)]^+$, preparation and hydride reduction of (S.G. Davies, S.J. Simpson, S.E. Thomas), C29

Methyl/trifluoromethyl organometallic compounds, synthesis by low temperature cocondensation of trifluoromethyl radicals and methylalkyl Main Group compounds of (M.A. Guerra, R.L. Armstrong, W.I. Bailey, Jr., R.J. Lagow), 53

Oxidative coupling of carbon monoxide to nickel, formation of oxalic acid derivatives by (H. Hoberg, F.J. Fañanás, H.J. Riegel), 267

Phosphaalkene-nickel(0) complex formation, influence of the P ligand on the η^1 and η^2 coordination mode in (T.A. van der Knaap, L.W. Jennekens, H.J. Meeuwissen, F. Bickelhaupt, D. Walther, E. Dinjus, E. Uhlig, A.L. Spek), C33

Phosphido-bridged clusters derived from Ru₃(CO)₉(PPh₂H)₃, photoinduced formation of; crystal and molecular structure of Ru₃(μ-H)(μ-PPh₂)₃(CO), (R.P. Rosen, G.L. Geoffroy, C. Bueno, M.R. Chruchill, R.B. Ortega), 89

trans-[(PPh₃)₂Pt(CH₂SR)Cl] (R = Me, Ph, C₆H₄Me-p), preparation and reactions of (H.D. McPherson, J.L. Wardell), 261

Tetracarbonylcobalt and dimethylphenylphosphinetricarbonylcobalt anions, electrochemical oxidation of (Y. Mugnier, P. Reeb, C. Moise, E. Laviron), 111

Tricarbonyl(1-methylborinato)chromium derivatives, synthesis of (G.E. Herberich, D. Söhnen), 143

η^2 -Vinyl-metal complexes, isomerism and fluxional behaviour in; crystal and molecular structures of isomers of [MoCl $\{\eta^2\text{-C}(\text{CF}_3)_2\text{C}(\text{CF}_3)(\text{PEt}_3)\}$ - $(\text{CF}_3\text{C}\equiv\text{CCF}_3)(\eta^5\text{-C}_5\text{H}_5)$] (J.L. Davidson, W.F. Wilson, L. Manojlović-Muir, K.W. Muir), C6

Platinum

Bis(diphenylphosphino)amide-platinum, -palladium and -nickel complexes; crystal structure of $\{CH_3N[C_6H_{3,2}]_2\}_2^-Pd^{2+} \cdot 2SO_3F^-$ (H. Schmidbaur, S. Lauteschläger, B. Milewski-Mahrila), 59

o-Carboranylphosphine-palladium(II) and -platinum(II) complexes, intramolecular metallation of (V.N. Kalinin, A.V. Usatov, L.I. Zakharkin), 127

Interaction of organometallic moieties with carbanions and other electron-rich centres (Review) (R.C. Kerber), 131

trans- $\{ (PPh_3)_2Pt(CH_2SR)Cl \}$ ($R = Me, Ph, C_6H_4Me-p$), preparation and reactions of (H.D. McPherson, J.L. Wardell), 261

Ziegler-Natta catalytic sites, trigonal bipyramidal platinum complexes as models for (P. Ammendola, M.R. Ciajolo, A. Panunzi, A. Tuzi), 389

Rhenium

$[fac\text{-}(OC)_3Re(CH_3CO)_3]BBr$, crystal and molecular structure of and further refinement of the structure of $[fac\text{-}(OC)_3Re(CH_3CO)_3]BCl$ (A.J. Baskar, C.M. Lukehart), 149

Trirhenium carbonyl reactive and versatile cluster obtained by oxidation of $[Re_3(\mu\text{-}H)_4(CO)_{10}]^-$, synthesis, X-ray characterization and reactivity of $Re_3(\mu\text{-}H)_3(CO)_{10}NCMe)_2$ (G. Ciani, A. Sironi, G. D'Alfonso, P. Romiti, M. Freni), C37

Rhodium

Interaction of organometallic moieties with carbanions and other electron-rich centres (Review) (R.C. Kerber), 131

cis- and *trans*- $[RhI(CO)(PAr_3)_2]$ ($Ar = aryl$), preparation and ready dissociation in solution of (F.R. Hartley, S.G. Murray, D.M. Potter), 119

Ruthenium

α -Ferrocenyl carbocations, ^{57}Fe NMR shifts and ^{57}Fe , ^{13}C coupling constants in; direct metal participation in stabilisation of metallocenyl carbocations (A.A. Koridze, N.M. Astakhova, P.V. Petrovskii), 345

Interaction of organometallic moieties with carbanions and other electron-rich centres (Review) (R.C. Kerber), 131

$H_4Ru_4(CO)_9(PMe_2Ph)[P(OC_6H_4Me-p)_3] \cdot [P(OCH_2)_3CEt]$, X-ray structure of (M.I. Bruce, B.K. Nicholson, J.M. Patrick, A.H. White), 361

Phosphido-bridged clusters derived from $Ru_3(CO)_9(PPh_2H)_3$, photoinduced formation of; crystal and molecular structure of $Ru_3(\mu\text{-}H)(\mu\text{-}PPh_2)_3(CO)_7$ (R.P. Rosen, G.L. Geoffroy, C. Bueno, M.R. Churchill, R.B. Ortega), 89

Ruthenium(II) complexes of ambident heterocyclic ligands, alkylation of (E.C. Constable, J. Lewis), 105

Silicon

Alkenylfluorosilanes, synthesis and mechanistic aspects with formation of carbonyl compounds of oxidative cleavage of Si—C bonds in (K. Tamao, M. Akita, M. Kumada), 13

Cyclosilthianes and 3,3-dimethyl-3-sila-thietane, IR study of very low pressure pyrolysis products isolated in argon matrices of; new source of 1,1-dimethyl-1-silaethylene, thioformaldehyde and dimethylsilanthione (L.E. Gusel'nikov, V.V. Volkova, V.G. Avakyan, N.S. Nametkin, M.G. Voronkov, S.V. Kirpichenko, E.N. Suslova), 173

Disilane derivatives, interpretation of ^{29}Si NMR shifts of (R. Radeglia, G. Engelhardt), C1

Isopropyl- and trimethylsilylmethylene-substituted chlorohydroxotetraorganodistannoxanes, crystal structures of (H. Puff, I. Bung, E. Friedrichs, A. Jansen), 23

Methyl[tris(trimethylsilyl)methyl] dichlorostannane, alkaline hydrolysis of (V.K. Belsky, N.N. Zemlyansky, I.V. Borisova, N.D. Kolosova, I.P. Belets-kaya), 189

Organosilicon sterically hindered hydrides and iodides, reactions with halogens of (C. Eaborn, A.I. Mansour), 273

Sulphur

Cyclosilthianes and 3,3-dimethyl-3-sila-thietane, IR study of very low pressure pyrolysis products isolated in argon ma-

trices of; new source of 1,1-dimethyl-1-silaethylene, thioformaldehyde and dimethylsilanthione (L.E. Gusev'nikov, V.V. Volkova, V.G. Avakyan, N.S. Nametkin, M.G. Voronkov, S.V. Kirpichenko, E.N. Suslova), 173
trans-[(PPh_3)₂Pt(CH₂SR)Cl] (R = Me, Ph, C₆H₅Me-*p*), preparation and reactions of (H.D. McPherson, J.L. Wardell), 261

Ruthenium(II) complexes of ambident heterocyclic ligands, alkylation of (E.C. Constable, J. Lewis), 105

π -Tricarbonylchromium-phenyldimethylsulphonium tetrafluoroborate, electrochemical reduction in dimethyl sulphoxide of (A. Cecon, A. Gambaro, A.M. Romanin, A. Venzo), 207

Tin

(*E/Z*)-2-Butenyl dichloro-*n*-butyltin, reactions with aldehydes leading to homoallyl alcohols and 4-chloro-2,6-dialkyl-3-methylhydropyrans (A. Gambaro, A. Boaretto, D. Marton, G. Tagliavini), 293

Isopropyl- and trimethylsilylmethylene-substituted chlorohydroxotetraorganyl-distannoanes, crystal structures of (H. Puff, I. Bung, E. Friedrichs, A. Jansen), 23

(2-Methoxycarbonyl)ethyltin compounds, alcoholysis of (H.-S. Cheng, T.-L. Hwang, C.-S. Liu), 43

Methyl/trifluoromethyl organometallic compounds, synthesis by low temperature cocondensation of trifluoromethyl radicals and methylalkyl-Main Group compounds of (M.A. Guerra, R.L. Armstrong, W.I. Bailey, Jr., R.J. Lagow), 53

Methyl[tris(trimethylsilyl)methyl]dichlorostannane, alkaline hydrolysis of (V.K. Belsky, N.N. Zemlyansky, I.V. Borisova, N.D. Kolosova, I.P. Beletskaya), 189

Tris[(triphenylstannylyl)methyl]methane, crystal and molecular structure of (A.L. Beauchamp, S. Latour, M.J. Olivier, J.D. Wuest), 283

Titanium

Tetramethylene-bridged titanocene and zirconocene derivatives, synthesis via reductive fulvene coupling of (H. Schwemlein, H.H. Brintzinger), 69

Tungsten

[(C_6H_5)₃P]₂N⁺[(ophen)(CO)(CN)₂-W(O=C=CC₆H₅)]⁻ (ophen = 1,10 phenanthroline), anionic η^2 -ketene complex, isolation and characterisation of (E.O. Fischer, A.C. Filippou, H.G. Alt, K. Ackermann), C21

Cyclisation and fragmentation of organoazides in reactions with Mo=Mo and W=W bonds (W.A. Herrmann, G.W. Kriegbaum, R. Dammel, H. Bock, M.L. Ziegler, H. Pfisterer), 219

Dicyclopentadienylhexacarbonyl-dimolybdenum and -ditungsten, primary CO dissociation pathway in photochemistry of (R.H. Hooker, K.A. Mahmoud, A.J. Rest), C25

M(CO)₃L₃ (L = Py, M = Mo, W; L = NH₃, M = Mo) and M(CO)₄(2-MePy)₂ (M = Mo, W), reactions with HgX₂ (X = Cl, CN, SCN) of (M.A. Lobo, M.F. Perpiñan, M.P. Pardo, M. Cano), 325

Tungsten-dinitrogen complex, reactions with water and alcohols in the presence of ketones of (A. Watakabe, T. Takahashi, D.-M. Jin, I. Yokotake, Y. Uchida, M. Hidai), 75

Uranium

Tricyclopentadienyltetrahydrofuran-uranium(III), ($\eta^5\text{C}_5\text{H}_5$)₃U·OC₄H₉, crystal and molecular structure of (H.J. Wasserman, A.J. Zozulin, D.C. Moody, R.R. Ryan, K.V. Salazar), 305

Yttrium

Dicyclopentadienylttrium chloride complex with triethylaminolane, [$\eta^5\text{C}_5\text{H}_5$]₂YCl·AlH₃·NEt₃]₂, crystal and molecular structure of (E.B. Lobkovsky, G.L. Soloveychik, B.M. Bulychev, A.B. Erofeev, A.I. Gusev, N.I. Kirillova), 167

Zirconium

Tetramethylene-bridged titanocene and zirconocene derivatives, synthesis via reductive fulvene coupling of (H. Schwemlein, H.H. Brintzinger), 69