

- Paupit, R.A., C57
 Peiffer, G., 273
 Pestunovich, V.A., 5
 Petit, F., 273
 Pinna, F., 183
 Poppitz, W., C1
 Powell, P., 393
 Pregosin, P.S., 175
 Puff, H., C41

 Rao, D.N.R., C43
 Reikhsfeld, V.O., 125
 Reynoud, J.F., C24
 Ries, W.H., 247
 Roesch, M.R., 201
 Rokicki, A., C31
 Romiti, P., C27
 Roper, W.R., C53, C57

 Saito, M., 329
 Sala-Pala, J., 145
 Saratov, I.E., 125
 Schuh, W., C41
 Schwab, W., C41

 Schwarz, H., 283, 319
 Setkina, V.N., C21
 Shibaeva, R.P., 265, 375
 Shilov, A.E., 265
 Shilova, A.K., 265, 375
 Simonenko, A.A., 125
 Sironi, A., C27
 Smith, A.K., 159, C17
 Smith, D. O'N., 209
 Sobolev, A.N., 129
 Spencer, C.M., C17
 Speziale, V., 311
 Sporzyński, A., 1
 Srivastava, R.C., 303
 Steinberger, B., 283
 Struchkov, Yu.T., 35
 Sutton, D., 73, 87
 Symons, M.C.R., C43

 Tchoubar, B., 265
 Tinyakova, E.I., 137
 Tiripicchio, A., 165, C47
 Tiripicchio Camellini, M., 165
 Tordo, P., 191
 Torregrosa, J.-L., 311

 Ufnalski, W., 1
 Uhlig, E., C1
 Usón, R., 165

 Van der Knaap, Th.A., 363
 Veszprémi, T., 115
 Voronkov, M.G., 5, 107
 Vos, M., 363

 Wachter, J., 247
 Wardell, J.L., 225
 Watanabe, H., 329
 Waters, J.M., C57
 Weiss, G.A., C9
 Wigzell, J.McM., 225
 Wong, E.H., 235
 Wright, A.H., C57

 Xiaoheng, Z., 73, 87

 Yanovsky, A.I., 35

 Zuckerman, J.J., 17

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 244 (1983)

SUBJECT INDEX

Aluminium

- Ethyl(pentamethylcyclopentadienyl)-rhomidium and -iridium complexes, preparation of (A. Vázquez de Miguel, P.M. Maitlis), C35
 Methylaluminium chlorides, vapour pressure of (W. Ufnalski, A. Sporzyński), 1

Arsenic

- Triphenylarsine, C₁₈H₁₅As, crystal and molecular structure of (A.N. Sobolev, V.K. Belsky, N.Yu. Chernikova, F.Yu. Akhmadulina), 129

Boron

- Dialkylaminophenylboranes, ¹³C NMR study of (C. Brown, R.H. Cragg, T.J. Miller, D.O'N. Smith), 209
 Hydroboration of unsaturated amines, formation of aminoalkylidenecycloalkanes by (J.-L. Torregrosa, M. Baboulene, V. Speziale, A. Lattes), 311

Chromium

- Bis(phosphoryl)phosphine assemblage of Group VI metal complexes containing di-

phosphoxane P—O—P linkages, coordinated tautomers of (E.H. Wong, F.C. Bradley, E.J. Gabe), 235

Heterobimetallic complexes of tantalum prepared from dicyclopentadienylcarbonyltantalum hydride and carbonylmetal compounds (J.C. Leblanc, J.F. Reynoud, C. Moise), C24

Tricarbonylthiophenechromium, ring metallation with butyllithium of (M.N. Nefedova, V.N. Setkina, D.N. Kursanov), C21

Cobalt

Alkylcobaloximes, ESR study of electron addition and photochemical processes at low temperature of (D.N.R. Rao, M.C.R. Symons), C43

Propylene dimerisation catalysed by "HCoL_x" compounds (F. Petit, H. Masotti, G. Peiffer, G. Buono), 273

Tris(triphenylphosphine)cobalt activated NaBH₄, deuterium tracing experiments of selective hydrogenation of the C≡C bond in PhC≡CPh with (B. Steinberger, M. Michman, H. Schwarz, G. Höhne), 283

Germanium

Bis(benzthiazol-2-yl)- and bis(benzoxazol-2-yl)-methylgermanes, synthesis and reactions of (P. Jutzi, U. Gilge), 355

Di-*t*-butylgermanium oxide, structure of (H. Puff, S. Franken, W. Schuh, W. Schwab), C41

1,1-Dimethyl-sila- and -germa-cyclopentanes, reactions with nonacarbonyliron of (A. Laporterie, H. Iloughmane, J. Dubac), C12

Group IVA thiospiranes, UV photoelectron spectroscopy of M—S σ -bonding energy and spiroconjugation effects in (E. Andoni, M. Bossa, C. Caletti, C. Furlani, A. Palma), 343

Gold

N-Indolyltriarylphosphinegold(I) derivatives as η^6 -arene ligands in pentamethylcyclopentadienylrhodium(III) complexes; X-ray structure of [(C₅Me₅)Rh(μ -In)AuP(C₆H₅)₃](ClO₄)₂ · CH₂Cl₂ (A. Tiripicchio, M. Tiripicchio Camellini, R. Usón, L.A. Oro, J.A. Cabeza), 165

Iridium

Ethyl(pentamethylcyclopentadienyl)rhodium and -iridium complexes, preparation of (A. Vázquez de Miguel, P.M. Maitlis), C35

Iridium complexes supported on zeolites, water gas shift reactions catalysed by (R. Ganzerla, F. Pinna, M. Lenarda, M. Graziani), 183

ortho-Metalated arylhydrazido complex, [Ir(NHNHC₆H₄NO₂)(CO)(PPh₃)₂]BF₄, addition and substitution reactions with hydrogen chloride of (F.W.B. Einstein, T. Jones, D. Sutton, Z. Xiaoheng), 87

ortho-Metalated iridium complexes derived from reactions of aryldiazonium ions with IrH(CO)(PPh₃)₃ and IrH(CO)₂(PPh₃)₂ (J.A. Carroll, D. Sutton, Z. Xiaoheng), 73

Methyltris(dialkylphosphino)silanes, reactions with carbonyl cluster complexes of (D.F. Foster, B.S. Nicholls, A.K. Smith), 159

Undecacarbonyltetrairidiumtriethylphosphine, Ir₄(CO)₁₁PET₃, equilibrium between two isomers of and pathway for carbonyl scrambling in (B.E. Mann, C.M. Spencer, A.K. Smith), C17

Iron

(1-3- η -Allyl)dicarbonylnitrosyliron, chemical reduction of mono-substituted derivatives of (G. Cardaci), 153

1,1-Dimethyl-sila- and -germa-cyclopentanes, reactions with nonacarbonyliron of (A. Laporterie, H. Iloughmane, J. Dubac), C12

Electrophiles containing chiral iron centres, asymmetric induction in C—C bond forming reactions of prochiral nucleophiles with (J.E. Jensen, L.L. Campbell, S. Nakanishi, T.C. Flood), 61

Iron(0) intermediate complex isolated from dinitrogen fixing system LiPh + FeCl₃, structure of (T.A. Bazhenova, R.M. Lobkovskaya, R.P. Shibaeva, A.E. Shilov, A.K. Shilova, M. Gruselle, G. Leny, B. Tchoubar), 265

Naphthyliron(II) complex formed in the reaction of FeCl₃ and C₁₀H₇Li, structure of (T.A. Bazhenova, R.M. Lobkovskaya, R.P. Shibaeva, A.K. Shilova, M. Gruselle, G. Leny, E. Deschamps), 375

Phosphinothioylidenes, reactions with tetra-carbonyliron-disodium complexes of (E. Lindner, G.A. Weiss), C9

Lithium

Iron(0) intermediate complex isolated from dinitrogen fixing system $\text{LiPh} + \text{FeCl}_3$, structure of (T.A. Bazhenova, R.M. Lobkovskaya, R.P. Shibaeva, A.E. Shilov, A.K. Shilova, M. Gruselle, G. Leny, B. Tchoubar), 265

Naphthyliron(II) complex formed in the reaction of FeCl_3 and $\text{C}_{10}\text{H}_7\text{Li}$, structure of (T.A. Bazhenova, R.M. Lobkovskaya, R.P. Shibaeva, A.K. Shilova, M. Gruselle, G. Leny, E. Deschamps), 375

Magnesium

(dipy)MgBr(THF) formation from α, α' -dipyridyl with Grignard reagents (W. Poppitz, E. Uhlig), C1

Manganese

Heterobimetallic complexes of tantalum prepared from dicyclopentadienylcarbonyltantalum hydride and carbonylmetal compounds (J.C. Leblanc, J.F. Reynoud, C. Moise), C24

Pentacarbonylmanganese hydride, product selectivity by Micelle sequestering in olefin reactions with (Y. Matsui, M. Orchin), 369

Vinylidene-manganese complexes, conversion into π -olefinic complexes by action of phosphites of; crystal and molecular structure of $\eta^5\text{-C}_5\text{H}_5(\text{CO})_2\text{Mn}[\eta^3\text{-PhCH=CHP(O)(OEt)}_2]$ (A.B. Antonova, S.V. Kovalenko, E.D. Korniyets, A.A. Johansson, Yu.T. Struchkov, A.I. Ahmedov, A.I. Yanovsky), 35

Metalloenes

Heterobimetallic complexes of tantalum prepared from dicyclopentadienylcarbonyltantalum hydride and carbonylmetal compounds (J.C. Leblanc, J.F. Reynoud, C. Moise), C24

Molybdenum

Bis(pentamethylcyclopentadienyldicarbonylmolybdenum) reaction with $\text{CH}_3\text{N}=\text{C}=\text{E}$ of; formation and crystal structure of $(\text{C}_5\text{Me}_5)_2(\text{CO})_2\text{Mo}_2(\mu, \eta^3\text{-C}\equiv\text{NCH}_3)$ (H. Brunner, H. Buchner, J. Wachter, I. Bernal, W.H. Ries), 247

Bis(phosphoryl)phosphine assemblage of Group VI metal complexes containing diphosphoxane P—O—P linkages, coordinated tautomers of (E.H. Wong, F.C. Bradley, E.J. Gabe), 235

Heterobimetallic complexes of tantalum prepared from dicyclopentadienylcarbonyltantalum hydride and carbonylmetal compounds (J.C. Leblanc, J.F. Reynoud, C. Moise), C24

Niobium

Diels—Alder reaction of a η^1 -cyclopentadienyl group, crystal structure of a niobium derivative containing a η^1 -substituted norbornadienyl unit (R. Mercier, J. Douglade, J. Amaudrut, J. Sala-Pala, J.E. Guerchais), 145

Osmium

Octahedral carbyneosmium(II) complexes (G.R. Clark, N.R. Edmonds, R.A. R.A. Pauptit, W.R. Roper, J.M. Waters A.H. Wright), C57

Osmium coordinated formaldehyde, synthesis of selenoformaldehyde and telluroformaldehyde complexes from (C.E.L. Headford, W.R. Roper), C53

Palladium

trans-Acetoxypalladation of alkenes in chloride-free media (O.S. Andell, J.-E. Bäckvall), 401

η^3 -Allylpalladium complexes, NMR study of photolysis in the presence of oxygen or nitrosodurene of (M.P. Crozet, J. Muzart, P. Pale, P. Tordo), 191

Di- μ -chlorobis[3-(dimethylamino)-1-formyl-2,2-dimethylpropyl-C,N]dipalladium, reactions of (R. McCrindle, A.J. McAlees, 97

Transition metal complexes with steroidal phosphine ligands, asymmetric hydrogenation, hydroformylation and hydrocarbalkoxylation of olefins by (S. Gladiali, G. Faedda, M. Marchetti, C. Botteghi), 289

Phosphorus

Bis(phosphoryl)phosphine assemblage of Group VI metal complexes containing diphosphoxane P—O—P linkages, coordinated tautomers of (E.H. Wong, F.C. Bradley, E.J. Cabe), 235

Carbon monoxide insertion into a Pt^{II}—C σ -bond, dependence on the nature of coordinated ditertiary phosphine of (M.A. Bennett, A. Rokicki), C31

P-2,6-Dimethylphenyl-*C*,*C*-diphenylselenophosphene, stable tricoordinate phosphorus(V) compound (Th.A. van der Knaap, M. Vos, F. Bickelhaupt), 363

Di- and tri-organotin(IV) monophosphate esters, synthesis and vibrational spectra of (F.A.K. Nasser, J.J. Zuckerman), 17

Electrophiles containing chiral iron centres, asymmetric induction in C—C bond forming reactions of prochiral nucleophiles with (J.E. Jensen, L.L. Campbell, S. Nakanishi, T.C. Flood), 61

N-Indolyltriarylphosphinegold(I) derivatives as η^6 -arene ligands in pentamethylcyclopentadienylrhodium(III) complexes; X-ray structure of [(C₅Me)₅Rh(μ -In)AuP(C₆H₅)₃](ClO₄)₂·CH₂Cl₂ (A. Tiripicchio, M. Tiripicchio Camellini, R. Usón, L.A. Oro, J.A. Cabeza), 165

Iridium(I) and rhodium(I) five-coordinate trichlorostannate complexes, (PPN)-[M(SnCl₃)₂(diolefin)(PR₃)], synthesis and NMR spectroscopy of (M. Kretschmer, P.S. Pregosin, M. Garralda), 175

ortho-Metalated arylhydrazido complex, [Ir(NHNHC₆H₄NO₂)(CO)(PPh₃)₂]BF₄, addition and substitution reactions with hydrogen chloride of (F.W.B. Einstein, T. Jones, D. Sutton, Z. Xiaoheng), 87

ortho-Metalated iridium complexes derived from reactions of aryldiazonium ions with IrH(CO)(PPh₃)₃ and IrH(CO)₂(PPh₃)₂ (J.A. Carroll, D. Sutton, Z. Xiaoheng), 73

Methyltris(dialkylphosphino)silanes, reactions with carbonyl cluster complexes of (D.F. Foster, B.S. Nicholls, A.K. Smith), 159

Octahedral carbyneosmium(II) complexes (G.R. Clark, N.R. Edmonds, R.A. Pauptit, W.R. Roper, J.M. Waters, A.H. Wright), C57

Osmium coordinated formaldehyde, synthesis of selenoformaldehyde and telluroformaldehyde complexes from (C.E.L. Headford, W.R. Roper), C53

Phosphinothioylidenes, reactions with tetracarbonyliron-disodium complexes of (E. Lindner, G.A. Weiss), C9

Tertiary phosphineplatinum(0) complexes, protonation by ammonium ion of; characterization and reactions of the resulting hydrides of (R.G. Goel, R.C. Srivastava), 303

Transition metal complexes with steroidal phosphine ligands, asymmetric hydrogenation, hydroformylation and hydrocarbalkoxylation of olefins by (S. Gladiali, G. Faedda, M. Marchetti, C. Botteghi), 289

Tris(dimethylphenylphosphine)pentahydridorhenium(V), flash photolytic investigation of transients in photochemistry of (S. Muralidharan, G. Ferraudi, M.A. Green, K.G. Caulton), 47

Tris(triphenylphosphine)cobalt activated NaBH₄, deuterium tracing experiments of selective hydrogenation of the C \equiv C bond in PhC \equiv CPh with (B. Steinberger, M. Michman, H. Schwarz, G. Höhne), 283

Undecacarbonyltetrairidiumtriethylphosphine, Ir₄(CO)₁₁PEt₃, equilibrium between two isomers of and pathway for carbonyl scrambling in (B.E. Mann, C.M. Spencer, A.K. Smith), C17

Platinum

Allylsilanes coordinated to platinum(II), hydrolysis of (J.W. Fitch, M. Brown, N.H. Hall, P.B. Mebe, K.A. Owens, M.R. Roesch), 201

Carbon monoxide insertion into a Pt^{II}—C σ -bond, dependence on the nature of coordinated ditertiary phosphine of (M.A. Bennett, A. Rokicki), C31

Tertiary phosphineplatinum(0) complexes, protonation by ammonium ion of; characterization and reactions of the resulting hydrides of (R.G. Goel, R.C. Srivastava), 303

Rhenium

Octahedral carbonyl cluster of rhenium, $[\text{Re}_6(\mu_3\text{-H})_2\text{C}(\text{CO})_{12}]^{2-}$, syntheses, X-ray structure and ^{13}C NMR study of (G. Ciani, G. D'Alfonso, P. Romiti, A. Sironi, M. Freni), C27

Tris(dimethylphenylphosphine)penta-hydridorhenium(V), flash photolytic investigation of transients in photochemistry of (S. Muralidharan, G. Ferraudi, M.A. Green, K.G. Caulton), 47

Rhodium

$(\eta^5\text{-Cyclopentadienyl})(\eta^4\text{-1,7-diphenylheptatrien-1-one})\text{rhodium(I)}$ complexes, protonation of two isomers of (P. Powell), 393

Ethyl(pentamethylcyclopentadienyl)-rhodium and -iridium complexes, preparation of (A. Vázquez de Miguel, P.M. Maitlis), C35

N-Indolyltriarylphosphinegold(I) derivatives as $\eta^6\text{-arene}$ ligands in pentamethylcyclopentadienylrhodium(III) complexes; X-ray structure of $[(\text{C}_6\text{Me}_6)\text{-Rh}(\mu\text{-In})\text{AuP}(\text{C}_6\text{H}_5)_3](\text{ClO}_4)_2 \cdot \text{CH}_2\text{Cl}_2$, (A. Tiripicchio, M. Tiripicchio Camellini, R. Usón, L.A. Oro, J.A. Cabeza), 165

Iridium(I) and rhodium(I) five-coordinate trichlorostannate complexes, (PPN)- $[\text{M}(\text{SnCl}_3)_2(\text{diolefin})(\text{PR}_3)]$, synthesis and NMR spectroscopy of (M. Kretschmer, P.S. Pregosin, M. M. Garralda), 175

Methyltris(dialkylphosphino)silanes, reactions with carbonyl cluster complexes of (D.F. Foster, B.S. Nicholls, A.K. Smith), 159

Transition metal complexes with steroidal phosphine ligands, asymmetric hydrogenation, hydroformylation and hydrocarbalkoxylation of olefins by (S. Gladioli, G. Faedda, M. Marchetti, C. Botteghi), 289

Ruthenium

Dodecacarbonyltriruthenium, carbon-halogen bond activation at (S. Aime, D. Osella, A.J. Deeming, A.M. Manotti Lanfredi, A. Tiripicchio), C47

Methyltris(dialkylphosphino)silanes, reac-

tions with carbonyl cluster complexes of (D.F. Foster, B.S. Nicholls, A.K. Smith), 159

Ruthenium "butterfly" acetylene-carbonyl complex, UV photoelectron spectral and theoretical study of alkyne-cluster interaction in (G. Granozzi, R. Betoncello, M. Acampora, D. Ajò, D. Osella, S. Aime), 383

Selenium

P-2,6-Dimethylphenyl-*C*,*C*-diphenylselenophosphene, stable tricoordinate phosphorus(V) compound (Th.A. van der Knaap, M. Vos, F. Bickelhaupt), 363

Osmium coordinated formaldehyde, synthesis of selenoformaldehyde and telluroformaldehyde complexes from (C.E.L. Headford, W.R. Roper), C53

Silicon

Allylsilanes coordinated to platinum(II), hydrolysis of (J.W. Fitch, M. Brown, N.H. Hall, P.B. Mebe, K.A. Owens, M.R. Roesch), 201

(Aroyloxymethyl)trifluorosilanes, NMR study of (A.I. Albanov, L.I. Gubanova, M.F. Larin, V.A. Pestunovich, M.G. Voronkov), 5

Difunctional silanes and β -diketones, novel cyclic dienolates from (J.A. Cella, T.D. Mitchell), C5

1,2-Dimethoxytetramethyldisilane, reactions with styrene and formation of silacyclopentane having phenyl substituents on ring carbons of (H. Watanabe, J. Inose, T. Muraoka, M. Saito, Y. Nagai), 329

1,1-Dimethyl-sila- and -germa-cyclopentanes, reactions with nonacarbonyldiiron of (A. Laporterie, H. Iloughmane, J. Dubac), C12

Group IVA thiospiranes, UV photoelectron spectroscopy of M-S σ -bonding energy and spiroconjugation effects in (E. Andoni, M. Bossa, C. Cauletti, C. Furlani, A. Palma), 343

Methyl(aroyloxymethyl)fluorosilanes, intramolecular coordination in (Yu.L. Frolov, M.G. Voronkov, G.A. GavriloVA, N.N. Chipanina, L.I. Gubanova, V.M. D'yakov), 107

Methyltris(dialkylphosphino)silanes, reactions with carbonyl cluster complexes of (D.F. Foster, B.S. Nicholls, A.K. Smith), 159

Trimethylphenylsilane, PE and penning ionization electron spectroscopic investigation of (T. Veszprémi, Y. Harada, K. Ohno, H. Mutoh), 115

2-Trimethylsilyl-1-phenoxyethane, dissociative ionisation with formation of the non-classical ethylenetrimethylsilanium ion of (B. Ciommer, H. Schwarz), 319

Sodium

Phosphinothiolydienes, reactions with tetracarbonyliron-disodium complexes of (E. Lindner, G.A. Weiss), C9

Sulphur

Bis(benzthiazol-2-yl)- and bis(benzoxazol-2-yl)-methylgermanes, synthesis and reactions of (P. Jutzi, U. Gilge), 355

Bis(pentamethylcyclopentadienyldicarbonylmolybdenum), reaction with $\text{CH}_3\text{N}=\text{C}=\text{S}$ of; formation and crystal structure of $(\text{C}_5\text{Me}_5)_2(\text{CO})_2\text{Mo}(\mu, \eta^2\text{-C}\equiv\text{NCH}_3)$ (H. Brunner, H. Buchner, J. Wachter, I. Bernal, W.H. Ries), 247

Electrophiles containing chiral iron centres, asymmetric induction in C—C bond forming reactions of prochiral nucleophiles with (J.E. Jensen, L.L. Campbell, S. Nakanishi, T.C. Flood), 61

Osmium coordinated formaldehyde, synthesis of selenoformaldehyde and telluroformaldehyde complexes from (C.E.L. Headford, W.R. Roper), C53

Phosphinothiolydienes, reactions with tetracarbonyliron-disodium complexes of (E. Lindner, G.A. Weiss), C9

Sulphur-substituted organotin compounds, preparation and reactions of $\text{Ph}_2\text{Sn}(\text{CH}_2)_n\text{-SO}_2\text{C}_6\text{H}_4\text{Me-}p$ ($n = 3, 4$), and $\text{Ph}_2\text{Sn}(\text{CH}_2)_n\text{-SO}_2\text{C}_6\text{H}_4\text{Me-}p$ ($n = 2-4$) (J.L. Wardell, L. McM. Wigzell), 225

Tricarbonylthiophenechromium, ring metalation with butyllithium of (M.N. Nefedova, V.N. Setkina, D.N. Kursanov), C21

Tantalum

Heterobimetallic complexes of tantalum prepared from dicyclopentadienylcarbonyltantalum hydride and carbonylmetal compounds (J.C. Leblanc, J.F. Reynoud, C. Moise), C24

Tellurium

Osmium coordinated formaldehyde, synthesis of selenoformaldehyde and telluroformaldehyde complexes from (C.E.L. Headford, W.R. Roper), C53

Tin

Bis(tributylstannyl)oxide preparation of anti-fouling trisubstituted organotin salts from (J.-L. Lecat, M. Devaud), 217

Dimethylchlorotin-2-pyridinecarboxylate, crystal and molecular structure of (I.W. Nowell, J.S. Brooks, G. Beech, R. Hill), 119

Di- and tri-organotin(IV) monophosphate esters, synthesis and vibrational spectra of (F.A.K. Nasser, J.J. Zuckerman), 17

Group IVA thiospiranes, UV photoelectron spectroscopy of M—S σ -bonding energy and spiroconjugation effects in (E. Andoni, M. Bossa, C. Cauletti, C. Furlani, A. Palma), 343

Iridium(I) and rhodium(I) five-coordinate trichlorostannate complexes, (PPN)- $[\text{M}(\text{SnCl}_3)_2(\text{diolefin})(\text{PR}_3)]$, synthesis and NMR spectroscopy of (M. Kretschmer, P.S. Pregosin, M. Garralda), 175

Sulphur-substituted organotin compounds, preparation and reactions of $\text{Ph}_2\text{Sn}(\text{CH}_2)_n\text{-SO}_2\text{C}_6\text{H}_4\text{Me-}p$ ($n = 3, 4$) and $\text{Ph}_2\text{Sn}(\text{CH}_2)_n\text{-SO}_2\text{C}_6\text{H}_4\text{Me-}p$ ($n = 2-4$) (J.L. Wardell, L. McM. Wigzell), 225

Tetraphenyltin and tetra(o-tolyl)tin, redetermination of the structure of (V.K. Belsky, A.A. Simonenko, V.O. Reikhsfeld, I.E. Saratov), 125

Titanium

Benzyltitanium halides (RTiX_2 and R_2TiX), synthesis and chemical properties of (B.A. Dolgoplosk, E.I. Tinyakova, I.Sh. Gusman, L.L. Afinogenova), 137

Tungsten

Bis(phosphoryl)phosphine assemblage of Group VI metal complexes containing diphosphoxane P—O—P linkages, coordinated tautomers of (E.H. Wong, F.C. Bradley, E.J. Gabe), 235

Heterobimetallic complexes of tantalum prepared from dicyclopentadienylcarbonyltantalum hydride and carbonylmetal compounds (J.C. Leblanc, J.F. Reynoud, C. Moise), C24

3,3,4,4-Tetramethyl-3,4-dihydrodiazate bis(pentacarbonyltungsten), crystal and molecular structure of (B. Bovio), 257

Book reviews

Advances in inorganic and bioinorganic mechanisms, Vol. 1; edited by A.G. Sykes (G.J. Leigh), C50

Gmelin Handbuch der Anorganischen Chemie (Handbook of Inorganic chemistry), 8th ed., Rh — rhodium, Suppl. Vol. B1: Compounds of rhodium (J.F. Nixon), C38

Stability and reactivity of crown-ether complexes; by F. de Jong and D.N. Reinhoudt (A. Pidcock), C38