

- Rausch, M.D., 21
 Rehder, D., 177
 Ricevuto, V., 281
 Riera, V., 39, 47
 Rogers, D., 219
 Roper, W.R., C13
 Rossi, K.J. Del, C27
 Royo, P., 185
 Ruiz, J., 47
 Sales, J., C31
 Sanctis, Y. De, C45
 Schilling, B.E.R., C1
 Schumann, H., 55, C5
 Shklover, V.E., 349
 Shul'pin, G.B., 109, 115
 Sideridu, A.Ya., 393
 Sieler, J., 99, 257
 Sik, V., 267
 Sikirica, M., 1
 Sikora, D.J., 21
 Singleton, E., C19, C49
 Smith, K., C41
 Snel, J.J.M., 387
 Snow, M.R., C53
- Sobota, P., 171
 Soldánová, J., 209
 Sostero, S., 281
 Sowa, T., C10
 Spek, A.L., 287
 Struchkov, Yu.T., 349
- Taga, T., C10
 Tagliavini, G., 325
 Tashev, M.T., 199, 393
 Thewalt, U., 341
 Thorne, A.J., C1
 Timmermans, P.J.J.A., 287
 Toma, Š., 209
 Traverso, O., 281
 Trusov, V.V., 199
 Turco, A., 431
 Tyurin, V.D., 199, 215, 393
- Uhlig, E., 257
 Umani-Ronchi, A., 205
 Urbanos, F.A., 185
- Valderrama, M., 67
- Valle, G., 325
 Varma, R.S., 311
 Vermeer, P., 317
 Villafañe, F., 39
 Vivanco, M., 39
 Volden, H.V., C1
 Von Ilsemann, G., C77
- Walther, D., 99, 257
 Wardell, J.L., 161
 Waters, J.M., C13
 Watts, W.E., 193
 Wayland, B.B., C27
 Werner, H., 231
 Westmijze, H., 317
 Williams, M.A., C73
 Williams, M.L., C53
 Wilson, D.A., 9
 Winter, M., C16
 Wright, A.H., C13
- Yamabe, T., C10
 Yoder, C.H., 9
 Yonezawa, T., C10

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 276 (1984)

SUBJECT INDEX

Antimony

Dodecafluoro- and dodecachloro-5,10-*o*-benzenostibanthrene, synthesis and characterisation of (N.A.A. Al-Jabar, A.G. Massey), 331

Arsenic

Aryldiazo ligand-containing ruthenium cluster complexes, preparation of; crystal structure of $[HRu_3(\mu\text{-}N_2C_6H_4)\text{-}(\mu\text{-}PhAsCH}_2\text{AsPh}_2\text{)}(CO)_8]$ (M.I. Bruce, E. Horn, M.R. Snow, M.L. Williams), C53

Boron

Alkali metal trialkylborohydride intermediates in hydride-induced carbonylation of organoboranes (J.L. Hubbard, K. Smith), C41

o-Arylplatinum(IV) complexes, formation and reactions with $PtCl_6^{2-}$ of (G.B. Shul'pin, G.V. Nizova), 109

Borane analogy; CH ligand orientation in *arachno*- and *closو*-butterfly clusters (C.E. Housecroft), 297

Vinylboronic acid, reaction with vinyl-mercuric acetates; synthesis of divinyl-mercurials (R.S. Varma, S.A. Kunda, G.W. Kabalka), 311

Chromium

Antiferromagnetic heterometallospirane clusters, $[(CH_3C_5H_4)_2Cr_2(\mu\text{-SCMe}_3)\text{-}(\mu\text{-S})_2]_2M$ ($M = Mn^{II}, Fe^{II}$), synthesis and molecular structure of (A.A. Pasynskii, I.L. Eremenko, G.Sh. Gasanov, Yu.T. Struchkov, V.E. Shklover), 349

Group VI binuclear metal carbonyl di-anions, generation by ion-pair extraction of (D.H. Gibson, K.R. Phillips, F.U. Ahmed), 363

Tricarbonyl(η -methoxytropylium)-chromium tetrafluoroborate, crystal and molecular structure of (U. Behrens, J. Kopf, K. Lal, W.E. Watts), 193

Cobalt

Propargylic silylamines, routes to functional protected primary amines from (R.J.P. Corriu, V. Huynh, J. Iqbal, J.J.E. Moreau), C61

Transient coordinatively unsaturated cobalt complex, absolute rate constants for coordination of olefins to (S. Oishi, N. Kihara, A. Hosaka), C33

Copper

Copper(I) trifluoromethanesulphonate cyclohexene complex, crystal and molecular structure of (P.J.J.A. Timmermans, A. Mackor, A.L. Spek, B. Kojić-Prodić), 287

Organocopper(I) mediated synthesis of 1-alkenylsilanes and 1,3-alkadienyl-silanes from ethynylsilanes (H. Westmijze, H. Kleijn, P. Vermeer), 317

Germanium

Bis[bis(trimethylsilyl)methyl]germanium, molecular structure determined by gas diffraction of; SCFMO calculations on stannene and distannene (T. Fjeldberg, A. Haaland, B.E.R. Schilling, H.V. Volden, M.F. Lappert, A.J. Thorne), C1

Hexamethyldigermane and halopenta-methyldigermane, transmission of substituent effects through the Ge—Ge bond in (C.H. Yoder, J.E. Crouse, D.A. Wilson), 9

Hafnium

Dicyclopentadienyldicarbonyl- and di-cyclopentadienylcarbonyltriphenyl-phosphine-zirconium and -hafnium, reactions with acetylenes and formation of metallacyclopentadiene complexes of (D.J. Sikora, M.D. Rausch), 21

Iridium

Rhodium and iridium cationic complexes, azulene as a ligand in; crystal structure of [Rh(TFB)(az)]PF₆ (L.A. Oro, M. Valderrama, P. Cifuentes, C. Foces-Foces, F.H. Cano), 67

Sulphene-transition metal complexes from SO₂ addition to terminal methylene complexes of osmium(0) and iridium(I); structure of Os(CH₂S[O]O)Cl(NO)-(PPh₃)₂ (W.R. Roper, J.M. Waters, A.H. Wright), C13

Iron

Antiferromagnetic heterometallospirane clusters, [(CH₃C₆H₅)₂Cr₂(μ -SCMe₃)-(μ ₃-S)₂]_nM (M = Mn^{II}, Fe^{II}), synthesis and molecular structure of (A.A. Pasynskii, I.L. Eremenko, G.Sh. Gasanov, Yu.T. Struchkov, V.E. Shklover), 349

Borane analogy; CH ligand orientation in arachno- and closo-butterfly clusters (C.E. Housecroft), 297

Carbonyliron polymer-supported complex, reduction of acid chlorides to aldehydes by (G. Cainelli, F. Manescalchi, A. Umani-Ronchi), 205

η^5 -Cyclopentadienyl- η^1 -hexadiyne-2,4-yl-tricarbonylmolybdenum and -dicarbonyliron, 1,5-methanol addition to (F. Giulieri, J. Benaim), 367

Cyclopentadienyliron complexes with ER₂ ligands (E = S, Se, Te), synthesis and spectroscopic characterisation of (N. Kuhn, H. Schumann), 55

Fe₂[μ ₂- η^2 -o-C₆H₄CH₂NC₆H₅](CO)₆, synthesis and X-ray crystal structure of (N.S. Nametkin, V.D. Tyurin, V.V. Trusov, A.I. Nekhaev, G.G. Alexandrov, N.A. Papiev, M.T. Tashev, H.B. Doustov), 199

[3]Ferrocenophane-1,3-dione, crystal and molecular structure of (E. Gyepes, T. Glowik, Š. Toma, J. Soldánová), 209

Ferroenylsulphide-palladium(II) and -platinum(II) complexes, dynamic NMR studies of (K.G. Orrell, V. Šík, C.H. Brubaker, Jr., B. McCulloch), 267

Heptacarbonyldithiodiiron, synthesis and structure of (N.S. Nametkin, B.I. Kolobkov, V.D. Tyurin, A.N. Muratov, A.I. Nekhaev,

M. Mavlonov, A.Ya. Sideridu,
G.G. Aleksandrov, A.V. Lebedev,
N.T. Tashev, H.B. Dustov), 393

4a-Methyl-1,3,9-triphenyl-4*a*-H-fluorene
and its Fe(CO)₃ complex, X-ray comparison
of the molecular structures of
(M.A.A.F.C.T. Carrondo, D. Rogers),
219

Octahedral iron(II) cationic complexes
with isocyanides and diphosphines
(V. Riera, J. Ruiz, F. Mayor), 47

Trimethylsilyl- μ_2 -S,S'-ethylenedithiolato-
hexacarbonyldiiron, reduction of
(A.V. Lebedev, E.A. Chernyshev,
O.V. Kuz'min, N.S. Nametkin,
V.D. Tyurin, A.I. Nekhaev), 215

Lanthanum

[Li(tmed)₂][C₅Me₅Lu(CH₃)₃], synthesis
and structure of (H. Schumann,
I. Albrecht, J. Pickardt, E. Hahn), C5

Lead

σ -Arylplatinum(IV) complexes, formation
and reactions with PtCl₆²⁻ of
(G.B. Shul'pin, G.V. Nizova), 109

Lithium

ω, ω' -Dicarbanionic oligomers with ele-
mental sulphur, electron transfer in and
nucleophilic addition reactions of
(J.M. Catala, J.F. Boscato, J. Brossas),
155

Lutetium

[Li(tmed)₂][C₅Me₅Lu(CH₃)₃], synthesis
and structure of (H. Schumann,
I. Albrecht, J. Pickardt, E. Hahn), C5

Magnesium

Tetrachlorotitanium/magnesium system
under nitrogen, influence of MgCl₂ on
N₂ reduction in and formation of N—C
bonds from N₂ and CO (P. Sobota,
Z. Janas), 171

Manganese

Antiferromagnetic heterometallospirane
clusters, [(CH₃C₆H₄)₂Cr(μ -SCMe₃)-
(μ_3 -S)₂I₂M (M = Mn^{II}, Fe^{II}), synthesis
and molecular structure of
(A.A. Pasynskii, I.L. Eremenko,
G.Sh. Gasanov, Yu.T. Struchkov,
V.E. Shklover), 349

Octacarbonylbis(diphenylphosphine)di-
manganese, photochemical decarbonyla-
tion with formation of Mn₂(μ -PPh₂)₂-
(μ -CO)(CO)₆ with a semi-bridging
carbonyl of (T. Kawamura, T. Sowa,
T. Yonezawa, T. Yamabe, H. Masuda,
T. Taga, K. Machida), C10
mer-Tricarbonylmanganese(I) complexes
with N-donor chelate ligands, synthesis
of (F.J. Garcia Alonso, V. Riera,
F. Villafaña, M. Vivanco), 39

Mercury

σ -Arylplatinum(IV) complexes, formation
and reactions with PtCl₆²⁻ of
(G.B. Shul'pin, G.V. Nizova), 109

Mercuretin as condensation polymer of
tris(acetoxymercuri)acetic acid; crystal
structure of (ClHg)₃CCOOH · DMSO
(D. Grdenić, B. Korpar-Čolig,
M. Sikirica), 1

Vinylboronic acid, reaction with vinyl-
mercuric acetates; synthesis of divinyl-
mercurials (R.S. Varma, S.A. Kunda,
G.W. Kabalka), 311

Metallocenes

Dicyclopentadienyldicarbonyl- and dicyclo-
pentadienylcarbonyltriphenylphosphine-
zirconium and -hafnium, reactions with
acetylenes and formation of metalla-
cyclopentadiene complexes of
(D.J. Sikora, M.D. Rausch), 21

[3]Ferrocenophane-1,3-dione, crystal and
molecular structure of (E. Gyepes,
T. Glowik, Š. Toma, J. Soldánová),
209

Ferrocenylsulphide-palladium(II) and
-platinum(II) complexes, dynamic NMR
studies of (K.G. Orrell, V. Šik,
C.H. Brubaker, Jr., B. McCulloch), 267
Rhenocene, synthesis and reactivity of
(P. Pasman, J.J.M. Snel), 387

Titanocene dithiocyanate, (η -C₅H₅)₂Ti(NCS)₂, electrochemical study of (J. Losada, M. Morán), 13

Molybdenum

η^5 -Cyclopentadienyl- η^1 -hexadiyne-2,4-yl-tricarbonylmolybdenum and -dicarbonyl-iron, 1,5-methanol addition to (F. Giulieri, J. Benaim), 367

Group VI binuclear metal carbonyl dianions, generation by ion-pair extraction of (D.H. Gibson, K.R. Phillips, F.U. Ahmed), 363

Nickel

Bis(2,2'-bipyridine-2-methylpent-2-enal-nickel)·H₂O, crystal and molecular structure of (E. Dinjus, H. Görls, E. Uhlig, D. Walther, J. Sieler, O. Lindqvist, L. Andersen), 257

Cyclopentadienylnickel complexes with amine ligands, synthesis and properties of (N. Kuhn, M. Winter), C16

Cyclotrimerisation of 3-hexyne catalysed by cyclobutadienenickel (P. Mauret, P. Alphonse), 249

Nickel(0)-catalysed cooligomerisation of 1,3-butadienes with vinylsilanes controlled by concentration and added P ligands (T. Bartik, P. Heimbach, T. Himmler), 399

Nickelacyclopentadienyl group formation from dicyclopentadiene and electron-rich nickel(0) nuclei by topo- and stereo-selective reactions (D. Walther, E. Dinjus, J. Sieler, L. Andersen, O. Lindqvist), 99

Tris[(2-diphenylphosphinoethyl)amino]-ethoxycarbonylnickel tetrafluoroborate complex, synthesis and reactivity towards reducing agents of (C. Bianchini, A. Meli), 413

Niobium

Dicyclopentadienylniobium neutral and cationic complexes, preparation and reactions of (F.A. Urbanos, M. Mena, P. Royo, A. Antiñolo), 185

Hexacarbonylniobium derivatives stabilised by oligodentate phosphines (K. Bachmann, D. Rehder), 177

Osmium

Aryldiazo ligand-containing ruthenium cluster complexes, preparation of; crystal structure of [HRu₃(μ -N₂C₆H₄)(μ ₃-PhAsCH₂AsPh₂)(CO)₈] (M.I. Bruce, E. Horn, M.R. Snow, M.L. Williams), C53

Decacarbonyldihydridotriosmium, stabilisation of alkyl compounds formed by alkene insertion into (E. Boyar, A.J. Deeming, A.J. Arche, Y. De Sanctis), C45

Decacarbonyl(diphosphine)triosmium clusters, bridging versus chelating diphosphine in isomers of (A.J. Deeming, S. Donovan-Mtunzi, S.E. Kabir), C65

Sulphene-transition metal complexes from SO₂ addition to terminal methylene complexes of osmium(0) and iridium(I); structure of Os(CH₂S[O]O)Cl(NO)-(PPh₃)₂ (W.R. Roper, J.M. Waters, A.H. Wright), C13

Palladium

Binuclear mixed metal cyclometallated complexes, preparation of (R.M. Ceder, J. Sales), C31

Cyclopalladated benzalimines, preparation of (P.W. Clark, S.F. Dyke), 421
trans-Dinitrobis(tri-*N*-propylphosphine)-palladium(II), thermally-reversible photoisomerisation of (G. Guglielmo, V. Ricevuto, P. Bergamini, S. Sostero, O. Traverso), 281

Ferrocenylsulphide-palladium(II) and -platinum(II) complexes, dynamic NMR studies of (K.G. Orrell, V. Šík, C.H. Brubaker, Jr., B. McCulloch), 267

Octadienyldipalladium bridged complex, reaction with carbon dioxide of (A. Behr, G. von Ilsemann), C77
[PdXMe(PEt₃)₂], non-radical methyl elimination from (A. Morville, A. Turco), 431

Phosphorus

Aryldiazo ligands-containing ruthenium cluster complexes, preparation of; crystal structure of [HRu₃(μ -N₂C₆H₄)(μ ₃-PhAsCH₂AsPh₂)(CO)₈] (M.I. Bruce, E. Horn, M.R. Snow, M.L. Williams), C53

- Bis[2-[(diphenoxypyrophosphino)oxy]phenyl-C,P]bis(triphenylphosphite-P)-ruthenium, $[(C_6H_5O)_2POC_6H_4]_2$ -Ru[P(OC₆H₅)₃]₂, synthesis and structure of (M.F. Garbauskas, J.S. Kasper, L.N. Lewis), 241
- Cyclooctatetraene in reaction with ruthenium(II) hydride complex; molecular structure of [Ru(2-6- η -bicyclo[5.1.0]octadienyl)(PMe₂Ph)₃][PF₆] (T.V. Ashworth, A.A. Chalmers, D.C. Liles, E. Meintjes, H.E. Oosthuizen, E. Singleton), C49
- Decacarbonyl(diphosphine)triosmium clusters, bridging versus chelating diphosphine in isomers of (A.J. Deeming, S. Donovan-Mtunzi, S.E. Kabir), C65
- Diaromatic ruthenium complexes with π -bonded triphenylphosphane ligands, synthesis and structure of (H. Werner, H. Kletzin, C. Burschka), 231
- Dicyclopentadienylniobium neutral and cationic complexes, preparation and reactions of (F.A. Urbanos, M. Mena, P. Royo, A. Antíñolo), 185
- trans*-Dinitrobis(*tri-N*-propylphosphine)-palladium(II), thermally-reversible photoisomerisation of (G. Guglielmo, V. Ricevuto, P. Bergamini, S. Sostero, O. Traverso), 281
- 1-Diphenylphosphino-2-, *m*- and *p*-fluorophenylphosphinoethane and *m*-trifluoromethylphenylphosphinoethane, synthesis of (P.N. Kapoor, D.D. Pathak, G. Gaur, M. Kutty), 167
- Hexacarbonylniobium derivatives stabilised by oligodentate phosphines (K. Bachmann, D. Rehder), 177
- Nickel(0)-catalysed cooligomerisation of 1,3-butadienes with vinylsilanes controlled by concentration and added P ligands (T. Bartik, P. Heimbach, T. Himmller), 399
- Octacarbonylbis(diphenylphosphine)diamanganese, photochemical decarbonylation with formation of Mn₄(μ -PPh₂)₂-(μ -CO)(CO)₆ with a semi-bridging carbonyl of (T. Kawamura, T. Sowa, T. Yonezawa, T. Yamabe, H. Masuda, T. Taga, K. Machida), C10
- [PdXMe(PEt₃)₂]₂, non-radical methyl elimination from (A. Morville, A. Turco), 431
- Rhodium and iridium cationic complexes, azulene as a ligand in; crystal structure of [Rh(TFB)(az)]PF₆ (L.A. Oro, F.H. Cano), 67

- Sulphene-transition metal complexes from SO₂ addition to terminal methylene complexes of osmium(0) and iridium(I); structure of Os(CH₂S[O]O)Cl(NO)-(PPh₃)₂ (W.R. Roper, J.M. Waters, A.H. Wright), C13
- Tris[(2-diphenylphosphinoethyl)ethoxy-carbonylnickel tetrafluoroborate complex, synthesis and reactivity towards reducing aspects of (C. Bianchini, A. Meli), 413

Platinum

- Arenes and arylmercury compounds, kinetics and mechanisms of thermal, photochemical and γ -induced reactions with PtCl₆²⁻ of (G.B. Shul'pin, G.V. Nizova, A.T. Nikitaev), 115
- α -Arylplatinum(IV) complexes, formation and reactions with PtCl₆²⁻ of (G.B. Shul'pin, G.V. Nizova), 109
- Binuclear mixed metal cyclometallated complexes, preparation of (R.M. Ceder, J. Sales), C31
- Ferrocenylsulphide-palladium(II) and -platinum(II) complexes, dynamic NMR studies of (K.G. Orrell, V. Šík, C.H. Brubaker, Jr., B. McCulloch), 267
- PtR₂(NBD) (R = Me, CF₃), displacement of norbornadiene (NBD) by weak ligands from (T.G. Appleton, J.R. Hall, D.W. Neale, M.A. Williams), C73

Rhenium

- Rhenocene, synthesis and reactivity of (P. Pasman, J.J.M. Snel), 387

Rhodium

- Bis(pyrazolyl)methanerhodium(I) complexes, crystal structure of [Rh(COD)-(CH₂(Pz)₂)]ClO₄ · 0.5C₂H₄Cl₂ (L.A. Oro, M. Esteban, R.M. Claramunt, J. Elguero, C. Foces-Foces, F.H. Cano), 79
- Octaethylporphyrinrhodium dimer, activation of C—H bonds by (B.B. Wayland, K.J. Del Rossi), C27
- Rhodium and iridium cationic complexes, azulene as a ligand in; crystal structure

of [Rh(TFB)(az)]PF₆ (L.A. Oro, M. Valderrama, P. Cifuentes, C. Foces-Foces, F.H. Cano), 67

Rhodium-catalysed reaction of butadiene and carbon dioxide (A. Behr, R. He), C69

Rhodium(III) species as catalysts in homogeneous oxidation of 1-octene by t-butyl hydroperoxide (M. Faraj, J.-M. Brégault, J. Martin, C. Martin), C23

Ruthenium

Aryldiazo ligands-containing ruthenium cluster complexes, preparation of; crystal structure of [HRu₃(μ-N₂C₆H₄)- (μ₃-PhAsCH₂AsPh₂)(CO)₈] (M.I. Bruce, E. Horn, M.R. Snow, M.L. Williams), C53

Bis{2-[{(diphenoxypyrophosphino)oxy]phenyl-C,P}bis(triphenylphosphite-P)-ruthenium, [(C₆H₅O)POC₆H₄]₂Ru[P(OC₆H₅)₃]₂, synthesis and structure of (M.F. Garbauskas, J.S. Kasper, L.N. Lewis), 241

Cyclooctatetraene in reaction with ruthenium(II) hydride complex; molecular structure of [Ru(2-6-η-bicyclo[5.1.0]octadienyl)(PMe₂Ph)₃][PF₆] (T.V. Ashworth, A.A. Chalmers, D.C. Liles, E. Meintjes, H.E. Oosthuizen, E. Singleton), C49

Diaromatic ruthenium complexes with π-bonded triphenylphosphane ligands, synthesis and structure of (H. Werner, H. Kletzin, C. Burschka), 231

Hydrido(cyclo-1,5-octadiene)tris-(phosphine)ruthenium(II) cations, reactions with 1,3-dienes; formation of agostic η³-enyl species [Ru(η³-enyl)L₃]⁺ (T.V. Ashworth, A.A. Chalmers, E. Meintjes, H. Oosthuizen, E. Singleton), C19

Propargylic silylamines, routes to functional protected primary amines from (R.J.P. Corriu, V. Huynh, J. Iqbal, J.J.E. Moreau), C61

Selenium

Cyclopentadienyliiron complexes with ER₂ ligands (E = S, Se, Te), synthesis and spectroscopic characterisation of (N. Kuhn, H. Schumann), 55

Triorganotin aryl selenides, reactions of (D.W. Grant, J.L. Wardell), 161

Silicon

Bis[bis(trimethylsilyl)methyl]germanium, molecular structure determined by gas diffraction of; SCFMO calculations on stannene and distannene (T. Fjeldberg, A. Haaland, B.E.R. Schilling, H.V. Volden, M.F. Lappert, A.J. Thorne), C1

[Li(tmed)₂][C₅Me₅Lu(CH₃)₃], synthesis and structure of (H. Schumann, I. Albrecht, J. Pickardt, E. Hahn), C5

Nickel(0)-catalysed cooligomerisation of 1,3-butadienes with vinylsilanes controlled by concentration and added P ligands (T. Bartik, P. Heimbach, T. Himmeler), 399

Organocopper(I) mediated synthesis of 1-alkenylsilanes and 1,3-alkadienylsilanes from ethynylsilanes (H. Westmijze, H. Kleijn, P. Vermeer), 317

Propargylic silylamines, routes to functional protected primary amines from (R.J.P. Corriu, V. Huynh, J. Iqbal, J.J.E. Moreau), C61

Trimethylsilyl-μ₃-S,S'-ethylenedithiolato-hexacarbonyliiron, reduction of (A.V. Lebedev, E.A. Chernyshev, O.V. Kuz'min, N.S. Nametkin, V.D. Tyurin, A.I. Nekhaev), 215

Sodium

Carbonyliiron polymer-supported complex, reduction of acid chlorides to aldehydes by (G. Cainelli, F. Manescalchi, A. Umani-Ronchi), 205

ω,ω'-Dicarbanionic oligomers with elemental sulphur, electron transfer in and nucleophilic addition reactions of (J.M. Catala, J.F. Boscato, J. Grossas), 155

Sulphur

Copper(I) trifluoromethanesulphonate cyclohexene complex, crystal and molecular structure of (P.J.J.A. Timmermans, A. Mackor, A.L. Spek, B. Kojić-Prodić), 287

ω, ω' -Dicarbanionic oligomers with elemental sulphur, electron transfer in and nucleophilic addition reactions of (J.M. Catala, J.F. Boscato, J. Brossas), 155

Ferrocenylsulphide-palladium(II) and -platinum(II) complexes, dynamic NMR studies of (K.G. Orrell, V. Šík, C.H. Brubaker, Jr., B. McCulloch), 267

Heptacarbonyldithiodiiron, synthesis and structure of (N.S. Nametkin, B.I. Kolobkov, V.D. Tyurin, A.N. Muratov, A.I. Nekhaev, M. Mavlonov, A.Ya. Sideridu, G.G. Aleksandrov, A.V. Lebedev, M.T. Tashev, H.B. Dustov), 393

Titanocene dithiocyanate, $(\eta\text{-C}_5\text{H}_5)_2\text{Ti}(\text{NCS})_2$, electrochemical study of (J. Losada, M. Morán), 13

Trimethylsilyl- μ -S,S'-ethylenedithiolato-hexacarbonyldiiron, reduction of (A.V. Lebedev, E.A. Chernyshev, O.V. Kuz'min, N.S. Nametkin, V.D. Tyurin, A.I. Nekhaev), 215

Triorganotin aryl selenides, reactions of (D.W. Grant, J.L. Wardell), 161

Tantalum

Dicyclopentadienylniobium neutral and cationic complexes, preparation and reactions of (F.A. Urbanos, M. Mena, P. Royo, A. Antiñolo), 185

Tellurium

Cyclopentadienyliron complexes with ER₂ ligands (E = S, Se, Te), synthesis and spectroscopic characterisation of (N. Kuhn, H. Schumann), 55

Tin

σ -Arylplatinum(IV) complexes, formation and reactions with PtCl₆²⁻ of (G.B. Shul'pin, G.V. Nizova), 109

Bis[bis(trimethylsilyl)methyl]germanium, molecular structure determined by gas diffusion of; SCFMO calculations on stannene and distannene (T. Fjeldberg, A. Haaland, B.E.R. Schilling, H.V. Volden, M.F. Lappert, A.J. Thorne), C1

Di- μ_3 -oxobis(μ -monochloroacetato-O,O')-bis(monochloroacetato)tetrakis[dimethyltin(IV)], crystal structure of (G. Valle, V. Peruzzo, G. Tagliavini, P. Ganis), 325

Triorganotin aryl selenides, reactions of (D.W. Grant, J.L. Wardell), 161

Titanium

Tetrachlorotitanium/magnesium system under nitrogen, influence of MgCl₂ on N₂ reduction in and formation of N-C bonds from N₂ and CO (P. Sobota, Z. Janas), 171

Titanocene dithiocyanate, $(\eta\text{-C}_5\text{H}_5)_2\text{Ti}(\text{NCS})_2$, electrochemical study of (J. Losada, M. Morán), 13

Tungsten

Group VI binuclear metal carbonyl dianions, generation by ion-pair extraction of (D.H. Gibson, K.R. Phillips, F.U. Ahmed), 363

η^2 -Ketenetungsten anionic complexes, isolation and characterisation of (E.O. Fischer, A.C. Filippou, H.G. Alt), 377

Ytterbium

[Li(tmed)₂][C₅Me₅Lu(CH₃)₃], synthesis and structure of (H. Schumann, I. Albrecht, J. Pickardt, E. Hahn), C5

Zirconium

Dicyclopentadienylcarbonyl- and di-cyclopentadienylcarbonyltriphenylphosphine-zirconium and -hafnium, reactions with acetylenes and formation of metallacyclopentadiene complexes of (D.J. Sikora, M.D. Rausch), 21

Zirconium(IV) five-coordinated ionic complex with $(\pi\text{-C}_5\text{H}_5)_2\text{Zr}^{\text{IV}}$ grouping, $[(\pi\text{-C}_5\text{H}_5)_2\text{Zr}(\text{H}_2\text{O})_3]^{2+}(\text{CF}_3\text{SO}_3^-)_2$ · THF (U. Thewalt, W. Lasser), 341

Book reviews

Gmelin handbook of inorganic chemistry. Index. Formula index. 1st supplement. Vol. 2. B-B_{1,9}, (C. Eaborn), C38

**Organometallic chemistry, Vol. 12; edited
by E.W. Abel and F.G.A. Stone
(C. Eaborn), C37**

**The coordination chemistry of metallo-
enzymes; edited by I. Bertini, R.S.
R.S. Drago and C. Luchinat (G.J. Leigh),
C59**