

- | | | |
|-----------------------|-------------------------|---------------------|
| Stauffert, P., 407 | Valderrama, M., 399 | White, C., 343 |
| Stephenson, G.R., C41 | Vefghi, R., 343 | Winter, A., 317 |
| Struchkov, Yu.T., 129 | Vitale, A.A., 91 | |
| Süss-Fink, G., 225 | Voyevodskaya, T.I., 129 | Xianglin, J., 55 |
| Suzuki, H., 247 | | |
| Tagliavini, G., 9 | Walker, N.P.C., 343 | Youqi, T., 55 |
| Teuben, J.H., 309 | Walther, D., 103 | |
| Thewalt, U., 225 | Watanabe, Y., C44 | Zeiher, C., 159 |
| Thompson, D.J., 37 | Weber, C., 369 | Zeuner, S., 17, 201 |
| Toniolo, L., 115 | Weers, J.J., 47 | Ziller, J.W., 27 |
| Tsujii, Y., C44 | Weihua, X., 55 | |
| | Werner, H., 399 | |

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 286 (1985)

SUBJECT INDEX

Aluminium

- Cyclopentadienyldicarbonylphosphineiron
Lewis acid adducts, reactivity with nucleophiles of (J.J. Weers, D.P. Eyman), 47
- Dicyclopentadienylsilenes and related compounds, structures of (C. Glidewell), 289

Boron

- Cyclopentadienyldicarbonylmetallophosphanes, boron complexes of (R. Maisch, E. Ott, W. Buchner, W. Malisch, I.J. Colquhoun, W. McFarlane), C31
- Hexamethylborazinerhodium cationic complexes with carbonyl, ethylene and diolefins as ligands, synthesis and reactivity of (M. Scotti, M. Valderrama, R. Ganz, H. Werner), 399

Chromium

- Cyclopentadienepentacarbonyl[methoxy(phenylethynyl)carbene]-chromium and -tungsten complexes, [4+2] cycloaddition to (K.H. Dötz, W. Kuhn), C23
- Naphthalenechromium complexes, arene exchange in (E.P. Kündig, C. Perret, S. Spichiger, G. Bernardinelli), 183
- Pentacarbonyl(diphenylcarbene)-chromium and -tungsten complexes, reactions with trimethylsilylazide of (H. Fischer, S. Zeuner), 201
- Pentacarbonyl[methoxy(phenyl)carbene]-chromium, -molybdenum and -tungsten complexes, reactions with $\text{RC}\equiv\text{N}$ -con-

- taining complexes of (H. Fischer, R. Märkl, S. Zeuner), 17
- μ -(Tetraphenylphosphoxane)bis[pentacarbonylmetal(0)] complexes, $[(\text{CO})_5\text{MP}(\text{C}_6\text{H}_5)_2]_2\text{O}$ ($\text{M} = \text{Cr}, \text{Mo}, \text{W}$), synthesis, properties and structure of (C. Zeiher, J. Mohyla, I.-P. Lorenz, W. Hiller), 159

Cobalt

- Ethylenebis(salicylideneiminato)cobalt derivatives, electrochemistry of; reduction of organohalogen derivatives (J.-M. Duprilot, F. Bedioui, J. Devynck, J.-C. Folest, C. Bied-Charreton), 77
- Sulphur dioxide insertion into carbon-metal bonds, non-chain free radical mechanism for (M.D. Johnson, S. Derenne), C47
- (Triphos) $\text{Ni}(\eta^2\text{-CS}_2)$, reactivity towards Group VIB elements, HBF_4 and MeOSO_2F of; crystal structure of dithiocarbonate complex $[\text{O}=\text{PPh}_2\text{CH}_2\text{C}(\text{CH}_3)_2(\text{CH}_2\text{PPh}_2)_2]\text{Ni}(\text{S}_2\text{CO}) \cdot 0.5\text{THF}$ (C. Bianchini, C.A. Ghilardi, A. Meli, A. Orlandini), 261

Copper

- Chloro(diethyl telluride)copper(I) polymer, synthesis, characterisation and crystal structure of (R.K. Chadha, J.E. Drake), 121
- $\text{M}(\text{C}_6\text{R})(\text{PR}')_3$ ($\text{M} = \text{Cu}, \text{Ag}, \text{Au}; \text{R} = \text{Ph}, \text{C}_6\text{F}_5; \text{R}' = \text{Me}, \text{Ph}$), reactions with $\text{H}_2\text{Os}_3(\text{CO})_{10}$ of; X-ray structures of $\text{Os}_3\text{Au}(\mu\text{-CH=CHR})(\text{CO})_{10}(\text{PPh}_3)$ ($\text{R} =$

$\text{Ph}, \text{C}_6\text{F}_5$) (M.I. Bruce, E. Horn, J.G. Matisons, M.R. Snow), 273

Gold

- Aurated derivatives of dicyclopentyl ketone, synthesis, structure and properties of (E.G. Perevalova, I.G. Bolesov, Yu.T. Struchkov, I.F. Leschova, Ye.S. Kalyuzhnaya, T.I. Voyevodskaya, Yu.L. Slovokhotov, K.I. Grandberg), 129
- Gold-ruthenium clusters with sulphur ligands; synthesis and structure of $\text{HRu}_3\text{Au}(\mu_3-\text{S})(\text{CO})_9(\text{PPh}_3)$, $\text{Ru}_3\text{Au}(\mu_3-\text{SBu}^t)(\text{CO})_9(\text{PPh}_3)$ and $\text{Ru}_3\text{Au}_2(\mu_3-\text{S})(\text{CO})_9(\text{PPh}_3)_2$ (M.I. Bruce, O. bin Shaw-kaly, B.K. Nicholson), 427
- $\text{M}(\text{C}_2\text{R})(\text{PR}')_3$ ($\text{M} = \text{Cu, Ag, Au}; \text{R} = \text{Ph, C}_6\text{F}_5; \text{R}' = \text{Me, Ph}$) reactions with $\text{H}_2\text{Os}_3(\text{CO})_{10}$ of; X-ray structures of $\text{Os}_3\text{Au}(\mu-\text{CH}=\text{CHR})(\text{CO})_{10}(\text{PPh}_3)$ ($\text{R} = \text{Ph, C}_6\text{F}_5$) (M.I. Bruce, E. Horn, J.G. Matisons, M.R. Snow), 273

Iridium

- n-Alkyl]bis(triphenylphosphine)][carbonyl]iridium(I) complexes, thermal decomposition of (A.A. Vitale, J. San Filippo, Jr.), 91

Tetrairidium cluster with bridging SO_2 , $\text{Ir}_4(\text{CO})_9(\mu_2-\text{CO})_2(\mu_2-\text{SO}_2)$, synthesis, fluxional behaviour and crystal structure of (D. Braga, R. Ros, R. Roulet), C8

Iron

- Butadiene(dicarbonyl)(ethoxyarylcarbene)-iron isomeric complexes, synthesis and crystal structure of (C. Jiabi, L. Guixin, X. Weihua, J. Xianglin, S. Meicheng, T. Youqi), 55
- Carbynliron S-bonded derivatives of monothiocarboxylic acids, preparation of (D. Seyferth, A.M. Kiwan), 219
- $\text{Cp}(\text{CO})_2\text{MnXR}\cdot$ ($\text{X} = \text{S, Se}$) radical complexes, synthesis, electrochemistry and organometallic reactions of (A. Winter, G. Huttner, M. Gottlieb, I. Jibril), 317
- Cyclohexa-1,3-dienetricarbonyliron series, replacement of CO by R_3P in (A.J. Birch, L.F. Kelly), C5
- Cyclopentadienyldicarbonylphosphineiron Lewis acid adducts, reactivity with nucleophiles of (J.J. Weers, D.P. Eyman), 47

Diazanorbornenepentacarbonyltriiron and related compounds, electrochemical investigation of (P. Lahuerta, J. Latorre, M. Sanau, H. Kisch), C27

Ferricinium polyiodides, preparation and characterisation of (E.W. Neuse, M.S. Loonat), 329

[3]Ferrocenophanes, carbenium ions and ketones of (B. Lukas, C.W. Patterson, R.M.G. Roberts, J. Silver), 209

Organometallic route to tetrahydrocarbazolones (G.R. Stephenson), C41

Tricarbonylcyclohexadieneiron compounds, removal of OMe from under formation of tricarbonylcyclohexadienyliron salts (A.J. Birch, B. Chauncy, L.F. Kelly, D.J. Thompson), 37

Lithium

- Aurated derivatives of dicyclopentyl ketone, synthesis, structure and properties of (E.G. Perevalova, I.G. Bolesov, Yu.T. Struchkov, I.F. Leschova, Ye.S. Kalyuzhnaya, T.I. Voyevodskaya, Yu.L. Slovokhotov, K.I. Grandberg), 129

2,4,6-Tri-t-butylphenyllithium, reaction with elementary tellurium of (L. Lange, W.-W. Du Mont), C1

Manganese

- $\text{Cp}(\text{CO})_2\text{MnXR}\cdot$ ($\text{X} = \text{S, Se}$) radical complexes, synthesis, electrochemistry and organometallic reactions of (A. Winter, G. Huttner, M. Gottlieb, I. Jibril), 317

Metallocenes

- $[(\text{C}_5\text{H}_5)_2\text{Ni}\{\text{P}(\text{S})\text{R}_1\}_2\text{Ni}(\text{C}_5\text{H}_5)]$, dinuclear spin-crossover complexes, synthesis, electronic structure and kinetics and mechanism of isomerisation of (W. Kläui, K. Schmidt, A. Bockmann, P. Hofmann, H.R. Schmidt, P. Stauffert), 407

1,3-Dithia[3]ruthenocenophane derivatives, preparation of and bridge reversal energy barriers in (S. Akabori, T. Kumagai, M. Sato), 69

Ferricinium polyiodides, preparation and characterisation of (E.W. Neuse, M.S. Loonat), 329

[3]Ferrocenophanes, carbenium ions and ketones of (B. Lukas, C.W. Patterson, R.M.G. Roberts, J. Silver), 209

Naphthalenechromium complexes, arene exchange in (E.P. Kündig, C. Perret, S. Spichiger, G. Bernardinelli), 183

Molybdenum

Cyclopentadienyldicarbonylmetalophosphanes, boron complexes of (R. Maisch, E. Ott, W. Buchner, W. Malisch, I.J. Colquhoun, W. McFarlane), C31

Molybdenum(II) thiolate-hydride complexes, preparation of (C. Shortman, R.L. Richards), C3

Pentacarbonyl[methoxy(phenyl)carbene]-chromium, -molybdenum and -tungsten complexes, reactions with $\text{RC}=\text{N}$ -containing complexes of (H. Fischer, R. Märkl, S. Zeuner), 17

μ -(Tetraphenylidiphosphoxane)bis[pentacarbonylmetal(0)] complexes, $[(\text{CO})_5\text{MP}(\text{C}_6\text{H}_5)_2]_2\text{O}$ ($\text{M} = \text{Cr}, \text{Mo}, \text{W}$), synthesis, properties and structure of (C. Zeiher, J. Mohyla, I.-P. Lorenz, W. Hiller), 159

Nickel

$[(\text{C}_5\text{H}_5)_2\text{Ni}\{\text{P}(\text{S})\text{R}_1\}_2\text{Ni}(\text{C}_5\text{H}_5)]$, dinuclear spin-crossover complexes, synthesis, electronic structure and kinetics and mechanism of isomerisation of (W. Kläui, K. Schmidt, A. Bockmann, P. Hofmann, H.R. Schmidt, P. Stauffert), 407

Metallacyclic compounds derived from CO_2 and dimethylbutadiene oxidatively coupled to $(\text{L})\text{Ni}^0$, structures and reactivity as a function of the neutral L ligands in (D. Walther, E. Dinjus, H. Görts, J. Sieler, O. Lindqvist, L. Andersen), 103

(Triphos) $\text{Ni}(\eta^3\text{-CS}_2)$, reactivity towards Group VIB elements, HBF_4^- and $\text{Me}-\text{OSO}_2\text{F}$ of; crystal structure of the di-thiocarbonate complex $[\text{O}=\text{PPh}_2\text{CH}_2\text{C}(\text{CH}_3)(\text{CH}_2\text{PPh}_2)_2]\text{Ni}(\text{S}_2\text{CO}) \cdot 0.5\text{THF}$ (C. Bianchini, C.A. Ghilardi, A. Meli, A. Orlandini), 261

Osmium

$\text{M}(\text{C}_5\text{R})(\text{PR}'_3)$ ($\text{M} = \text{Cu}, \text{Ag}, \text{Au}; \text{R} = \text{Ph}, \text{C}_6\text{F}_5$; $\text{R}' = \text{Me}, \text{Ph}$), reactions with $\text{H}_2\text{Os}_3(\text{CO})_{10}$ of; X-ray structures of $\text{Os}_3\text{Au}(\mu\text{-CH}=\text{CHR})(\text{CO})_9(\text{PPh}_3)$ ($\text{R} = \text{Ph}, \text{C}_6\text{F}_5$) (M.I. Bruce, E. Horn, J.G. Matisson, M.R. Snow), 273

Palladium

Palladium-catalysed synthesis of 1,2,3,4,- $4a,12b$ -hexahydro-1,4-methanotri-phenylenes (M. Catellani, G.P. Chiusoli), C13

Phosphorus

Bis(halophenylstannyl)methanes, their hexamethylphosphotriamide complexes and related compounds, Mössbauer spectroscopy of (M. Gielen, K. Jurk-schat, B. Mahieu, D. Apers), 145

Bis(triethylsilyl)decacarbonylyhydridotri-ruthenium anionic cluster, $[\text{HRu}_3(\text{CO})_{10}(\text{SiEt}_3)_2]^-$, solid state structure, dynamic structural effects and electrochemical characteristics of (H.-P. Klein, U. Thewalt, G. Herrmann, G. Süss-Fink, C. Moinet), 225

$[(\text{C}_5\text{H}_5)_2\text{Ni}\{\text{P}(\text{S})\text{R}_1\}_2\text{Ni}(\text{C}_5\text{H}_5)]$, dinuclear spin-crossover complexes, synthesis, electronic structure and kinetics and mechanism of isomerisation of (W. Kläui, K. Schmidt, A. Bockmann, P. Hofmann, H.R. Schmidt, P. Stauffert), 407

Cyclohexa-1,3-dienetricarbonyliron series, replacement of CO by R_3P in (A.J. Birch, L.F. Kelly), C5

Cyclopentadienyldicarbonylmetalophosphanes, boron complexes of (R. Maisch, E. Ott, W. Buchner, W. Malisch, I.J. Colquhoun, W. McFarlane), C31

Cyclopentadienyldicarbonylphosphineiron Lewis acid adducts, reactivity with nucleophiles of (J.J. Weers, D.P. Eyman), 47

Diazanorbornenepentacarbonyltriiron and related compounds, electrochemical investigation of (P. Lahuerda, J. La-torre, M. Sanau, H. Kisch), C27

Dicyclopentadienylsilenes and related compounds, structures of (C. Glidewell), 289

Gold-ruthenium clusters with sulphur ligands; synthesis and structure of $\text{HRu}_3\text{Au}(\mu_3\text{-S})(\text{CO})_9(\text{PPh}_3)$, $\text{Ru}_3\text{Au}(\mu_3\text{-SBut})(\text{CO})_9(\text{PPh}_3)$ and $\text{Ru}_3\text{Au}_2(\mu_3\text{-S})(\text{CO})_9(\text{PPh}_3)_2$ (M.I. Bruce, O. bin Shaw-kaly, B.K. Nicholson), 427

Hydrido(cycloocta-1,5-diene)tris(phosphine)ruthenium(II) cations, reactions with 1,3-dienes of; formation of agostic η^3 -enyl species $[\text{Ru}(\eta^3\text{-enyl})\text{L}_3]^+$ (T.V. Ashworth, A.A. Chalmers, E. Meintjes, H. Oosthuizen, E. Singleton), 237

- Hydroperoxorhodium complex, oxidation of the coordinated triphenylphosphine in (H. Suzuki, S. Matsuura, Y. Moro-Oka, T. Ikawa), 247**
- M(C₂R)(PR'₂) (M = Cu, Ag, Au, R = Ph, C₆F₅; R' = Me, Ph), reactions with H₂O₂(CO)₁₀ of; X-ray structures of Os₃Au(μ-CH=CHR)(CO)₁₀(PPh₃) (R = Ph, C₆F₅) (M.I. Bruce, E. Horn, J.G. Matisons, M.R. Snow), 273**
- Metallacyclic compounds derived from CO₂ and dimethylbutadiene oxidatively coupled to (L)Ni⁰, structures and reactivity as a function of the neutral L ligands in (D. Walther, E. Dinjus, H. Görts, J. Sieler, O. Lindqvist, L. Andersen), 103**
- Organometallic route to tetrahydrocarbazolones (G.R. Stephenson), C41**
- μ-(Tetraphenylidiphosphoxane)bis[penta-carbonylmetal(O)] complexes, [(CO)₅-MP(C₆H₅)₂]O (M = Cr, Mo, W), synthesis, properties and structure of (C. Zeiher, J. Ohyla, I.-P. Lorenz, W. Hiller), 159**
- Tetrasulphur tetranitride reactivity towards d¹⁰ phosphine complexes, crystal structure of (PPh₃)Pt(μ-S₂N₂)₂Pt(PPh₃) (C.A. Ghilardi, S. Midollini, S. Moneti, A. Orlandini), 419**
- Platinum**
- trans-[PtCl(CO-n-hexyl)(PPh₃)₂]/SnCl₂, ³¹P NMR and reactivity studies of this active intermediate in catalytic hydroformylation of 1-hexene (A. Scrivanti, G. Cavinato, L. Toniolo, C. Botteghi), 115**
- trans-[PtCl₂Py₂subst-(CH₃COCH₃)]₂, ¹H and ¹³C NMR spectroscopy showing mobility of the aceton molecule in (P. Courtois, P. Richon, J.Y. Salaun), C17**
- Tetrasulphur tetranitride reactivity towards d¹⁰ phosphine complexes, crystal structure of (PPh₃)Pt(μ-S₂N₂)₂Pt(PPh₃) (C.A. Ghilardi, S. Midollini, S. Moneti, A. Orlandini), 419**
- Rhodium**
- Heteronuclear organometallic cluster containing ruthenium and rhodium; crystal and molecular structure of {[Rh(η-C₅Me₅)]₃[Ru(CO)₃](μ₃-CO)₂} (R.P. Hughes, A.L. Rheingold, W.A. Herrmann, J.L. Hubbard), 361**
- Hexamethylborazinerhodium cationic complexes with carbonyl, ethylene and diolefins as ligands, synthesis and reactivity of (M. Scotti, M. Valderrama, R. Ganz, H. Werner), 399**
- Hydroperoxorhodium complex, oxidation of the coordinated triphenylphosphine in (H. Suzuki, S. Matsuura, Y. Moro-Oka, T. Ikawa), 247**
- Ruthenium**
- Bis(triethylsilyl)decacarbonylhydridotri-ruthenium anionic cluster, [HRu₃(CO)₁₀(SiEt₂)₂]⁻, solid state structure, dynamic structural effects and electrochemical characteristics of (H.-P. Klein, U. Thewalt, G. Herrmann, G. Süss-Fink, C. Moinet), 225**
- 1,3-Dithia[3]ruthenocenophane derivatives, preparation of and bridge reversal energy barriers in (S. Akabori, T. Kumagai, M. Sato), 69**
- Gold-ruthenium clusters with sulphur ligands; synthesis and structure of HRu₃Au(μ₃-S)(CO)₉(PPh₃), Ru₃Au(μ₃-SBu^t)(CO)₉(PPh₃) and Ru₃Au₂(μ₃-S)(CO)₉(PPh₃)₂ (M.I. Bruce, O. bin Shakwakatay, B.K. Nicholson), 427**
- Heteronuclear organometallic cluster containing ruthenium and rhodium; crystal and molecular structure of {[Rh(η-C₅Me₅)]₃[Ru(CO)₃](μ₃-CO)₂} (R.P. Hughes, A.L. Rheingold, W.A. Herrmann, J.L. Hubbard), 361**
- Hydrido(cycloocta-1,5-diene)tris(phosphine)ruthenium(II) cations, reactions with 1,3-dienes of; formation of agostic η³-enyl species [Ru(η³-enyl)L]⁺ (T.V. Ashworth, A.A. Chalmers, E. Meintjes, H. Oosthuizen, E. Singleton), 237**
- Organoruthenium complexes with open chain and carbocyclic alkylidene bridges, synthesis, conformation, isomerisation, protonation and thermolysis of (W.A. Herrmann, M. Flöel, C. Weber, J.L. Hubbard, A. Schäfer), 369**
- (R)-[Ru(η⁵-C₅H₄R^{*})(CO)(PPh₃)NCCH₃]-PF₆ (R^{*} = neomenthyl), crystal structure and substitution reactions at a chiral ruthenium atom of (E. Cesarotti, M. Angioletta, N.P.C. Walker, M.B. Hursthouse, R. Vefghi, P.A. Schofield, C. White), 343**
- Ruthenium-catalysed heterocyclization under non-acidic conditions of quinoline derivatives from 1,3-propanediol and eminoarene (Y. Tsuji, H. Nishimura, K.-T. Huh, Y. Watanabe), C44**

Selenium

- $\text{Cp}(\text{CO})_2\text{MnXR}\cdot$ ($X = \text{S}, \text{Se}$) radical complexes, synthesis, electrochemistry and organometallic reactions of (A. Winter, G. Huttner, M. Gottlieb, I. Jibril), 317
 Diazo insertion reactions with selenium(II) electrophiles (T.G. Back, R.G. Kerr), 171

Silicon

- Bis(triethylsilyl)decacarbonylhydridotri-ruthenium anionic cluster, $[\text{HRu}_3(\text{CO})_{10}(\text{SiEt}_3)_2]^-$, solid state structure, dynamic structural effects and electrochemical characteristics of (H.-P. Klein, U. Thewalt, G. Herrmann, G. Süss-Fink, C. Moinet), 225
 Dicyclopentadienylsilenes and related compounds, structures of (C. Glidewell), 289
 Optically active silanes, influence of nucleophiles on asymmetric synthesis of (W.J. Richter), 1
 Pentacarbonyl(diphenylcarbene)-chromium and -tungsten complexes, reactions with trimethylsilylazide of (H. Fischer, S. Zeuner), 201
 Pentacarbonyl[methoxy(phenyl)carbene]-chromium, -molybdenum and -tungsten complexes, reactions with $\text{RC}\equiv\text{N}$ -containing complexes of (H. Fischer, R. Märkl, S. Zeuner), 17

Silver

- $\text{M}(\text{C}_2\text{R})(\text{PR}'_3)$ ($\text{M} = \text{Cu}, \text{Ag}, \text{Au}, \text{R} = \text{Ph}, \text{C}_6\text{F}_5; \text{R}' = \text{Me}, \text{Ph}$), reactions with $\text{H}_2\text{Os}_3(\text{CO})_{10}$ of; X-ray structures of $\text{Os}_3\text{Au}(\mu\text{-CH=CHR})(\text{CO})_{10}(\text{PPh}_3)$ ($\text{R} = \text{Ph}, \text{C}_6\text{F}_5$) (M.I. Bruce, E. Horn, J.G. Matisons, M.R. Snow), 273

Sulphur

- Bis(halophenylstannyly)methanes, their hexamethylphosphotriamide complexes and related compounds, Mössbauer spectroscopy of (M. Gielen, K. Jurk-schat, B. Mahieu, D. Apers), 145
 Carbonyliron S-bonded derivatives of monothiocarboxylic acids, preparation of (D. Seyferth, A.M. Kiwan), 219
 $[(\text{C}_5\text{H}_5)\text{Ni}\{\text{P}(\text{S})\text{R}_2\}_2\text{Ni}(\text{C}_5\text{H}_5)]$, dinuclear spin-crossover complexes, synthesis, electronic structure and kinetics and

mechanism of isomerisation of (W. Kläui, K. Schmidt, A. Bockmann, P. Hofmann, H.R. Schmidt, P. Stauffert), 407

- $\text{Cp}(\text{CO})_2\text{MnXR}\cdot$ ($X = \text{S}, \text{Se}$) radical complexes, synthesis, electrochemistry and organometallic reactions of (A. Winter, G. Huttner, M. Gottlieb, I. Jibril), 317
 Cyclopentadienyldicarbonylphosphineiron

Lewis acid adducts, reactivity with nucleophiles of (J.J. Weers, D.P. Eyman), 47

- 1,3-Dithia[3]ruthenocenophane derivatives, preparation of and bridge reversal energy barriers in (S. Akabori, T. Kumagai, M. Sato), 69

Gold-ruthenium clusters with sulphur ligands; synthesis and structure of $\text{HRu}_3\text{Au}(\mu_3\text{-S})(\text{CO})_9(\text{PPh}_3)$, $\text{Ru}_3\text{Au}(\mu_3\text{-SBu}^t)(\text{CO})_9(\text{PPh}_3)$ and $\text{Ru}_3\text{Au}_2(\mu_3\text{-S})(\text{CO})_9(\text{PPh}_3)_2$ (M.I. Bruce, O. bin Shaw-kaly, B.K. Nicholson), 427

Molybdenum(II) thiolate-hydride complexes, preparation of (C. Shortman, R.L. Richards), C3

Sulphur dioxide insertion into carbon-metal bonds, non-chain free radical mechanism for (M.D. Johnson, S. Derenne), C47

Tetrairidium cluster with bridging SO_2 , $\text{Ir}_4(\text{CO})_9(\mu_2\text{-CO})_2(\mu_2\text{-SO}_2)$, synthesis, fluxional behaviour and crystal structure of (D. Braga, R. Ros, R. Roulet), C8

Tetrasulphur tetranitride reactivity towards d^{10} phosphine complexes, crystal structure of $(\text{PPh}_3)\text{Pt}(\mu\text{-S}_2\text{N}_2)_2\text{Pt}(\text{PPh}_3)$ (C.A. Ghilardi, S. Midollini, S. Moneti, A. Orlandini), 419

Tellurium

Chloro(diethyl telluride)copper(I) polymer, synthesis, characterisation and crystal structure of (R.K. Chadha, J.E. Drake), 121

$\text{Cp}(\text{CO})_2\text{MnXR}\cdot$ ($X = \text{S}, \text{Se}$) radical complexes, synthesis, electrochemistry and organometallic reactions of (A. Winter, G. Huttner, M. Gottlieb, I. Jibril), 317

2,4,6-Tri-t-butylphenyllithium, reaction with elementary tellurium of (L. Lange, W.-W. Du Mont), C1

Tin

Allyl- and allenyl-tin chlorides, allylation and allenylation of aldehydes and

- ketones in the presence of water (A. Boaretto, D. Marton, G. Tagliavini, A. Gambaro), 9
- Bis(halophenylstannylyl)methanes, their hexamethylphosphotriamide complexes and related compounds, Mössbauer spectroscopy of (M. Gielen, K. Jurkschat, B. Mahieu, D. Apers), 145
- Hexaorganodistannoxyanes, influence of structure and solvent on $^2J(^{119}\text{Sn}, ^{117}\text{Sn})$ in ^{119}Sn NMR of (T.P. Lockhart, W.F. Manders, F.E. Brinckman), 153
- trans*-[PtCl(CO-n-hexyl)(PPh₃)₂]/SnCl₂, ^{31}P NMR and reactivity studies of this active intermediate in catalytic hydroformylation of 1-hexene (A. Scrivanti, G. Cavinato, L. Toniolo, C. Botteghi), 115
- exo*- and *endo*-2-Triorganostannylnorbornanes, brominolysis of and stereochemistry of the Sn-C bond in (A. Rahm, J. Grimeau, M. Pereyre), 305
- exo*- and *endo*-2-Triorganostannylnorbornanes, synthesis and characterisation by ^{13}C and ^{119}Sn NMR of and stereochemistry of the Sn-C bond in (A. Rahm, J. Grimeau, M. Petraud, B. Barbe), 297
- E. Ott, W. Buchner, W. Malisch, I.J. Colquhoun, W. McFarlane), C31
- Cyclopentadienepentacarbonyl[methoxy-(phenylethynyl)carbene-chromium and -tungsten complexes, [4+2]cycloaddition to (K.H. Dötz, W. Kuhn), C23
- Pentacarbonyl(diphenylcarbene)-chromium and -tungsten complexes, reactions with trimethylsilylazide of (H. Fischer, S. Zeuner), 201
- Pentacarbonyl[methoxy(phenyl)carbene]-chromium, -molybdenum and -tungsten complexes, reactions with RC≡N-containing complexes of (H. Fischer, R. Märkl, S. Zeuner), 17
- μ -(Tetraphenyldiphosphoxane)bis[penta-carbonylmetal(0)] complexes, [(CO)₅-MP(C₆H₅)₂]O (M = Cr, Mo, W), synthesis, properties and structure of (C. Zeiher, J. Mohyla, I.-P. Lorenz, W. Hiller), 159
- W[C(t-Bu)CHC(t-Bu)][OCH(CF₃)₂]₃, complex containing a planar tungstenacyclobutadiene ring without alkyl substituent at β -carbon, X-ray structural analysis of (M.R. Chruchill, J.W. Ziller), 27

Book reviews

- Dictionary of organometallic compounds; executive editor J. Buckingham (C. Eaborn), C51
- Organometallic compounds and living organisms; by J.S. Thayer (C. Eaborn), C36
- Reductions in organic chemistry; by M. Hudlicky (C. Eaborn), C38
- Spectroscopic properties of inorganic and organometallic compounds. Vol. 16 (C. Eaborn), C37

Titanium

- Monoalkyl- and monoaryl-amidotitanium complexes (C.T. Jekel-Vroegop, J.H. Teuben), 309

Tungsten

- Cyclopentadienyldicarbonylmethalophosphanes, boron complexes of (R. Maisch,