

Contents of Volume 672

Regular Papers

[2+2] Cyclo-addition reactions of bis-pentamethylcyclopentadienyl zirconium metal complexes containing terminal chalcogenide ligands with the phospha-alkyne PC('Bu). Syntheses, crystal and molecular structures of the four complexes [Zr(η^5 -(C ₅ Me ₅) ₂ (SC('Bu)=P)], [Zr(η^5 -(C ₅ Me ₅) ₂ (SeC('Bu)=PSe)] and [Zr(η^5 -(C ₅ Me ₅) ₂ (SC('Bu)=PC(Ph)=N)]	1
S.E. d'Arbeloff-Wilson, P.B. Hitchcock, J.F. Nixon, H. Kawaguchi, K. Tatsumi	1
Synthesis and evaluation of a new class of ruthenium-based catalytic systems for atom transfer radical addition and enol ester synthesis	11
B.D. Clercq, F. Verpoort	11
Structural characterization of [Ru ₃ Mo(μ_3 - η^1 -CC)(μ -CO) ₃ (CO) ₂ (η -C ₅ H ₅) ₃]: a revisit	17
C.S. Griffith, G.A. Koutsantonis, B.W. Skelton, A.H. White	17
Thiocarbyl ligands via elimination of pentafluorobenzene at a diiron centre: crystal structures of [Fe ₂ (CO) ₄ { μ -SC(Ph)=CH}(μ -dppm)] and [Fe ₂ (CO) ₄ { μ -SCH=C(Ph)C(O)}(μ -dppm)]	22
G. Hogarth, M. O'Brien, D.A. Tocher	22
Crystal and molecular structures of dppm-bridged diiron dithiolate complexes [Fe ₂ (CO) ₄ (μ -SAr) ₂ (μ -dppm)] (Ar = Ph, <i>p</i> -tol; Ar ₂ = C=N- <i>p</i> -tol)	29
G. Hogarth, M. O'Brien, D.A. Tocher	29
Activation of σ (C–H) bonds of [Fe{(η^5 -C ₅ H ₄ –C(Me)=N–N=C(H)(C ₆ H ₃ –2,6-R)} ₂] (with R = Cl or H) promoted by palladium(II)	34
C. López, R. Bosque, J. Arias, E. Evangelio, X. Solans, M. Font-Bardía	34
Regioselectivity of the ring opening in the reaction of phenyloxirane, (phenylmethyl)oxirane and (2-phenylethyl)oxirane with K [–] , K ⁺ (15-crown-5) ₂	43
Z. Grobelny, A. Stolarzewicz, B. Morejko-Buz, A. Maercker, Stanislaw, Krompiec, T. Bieg	43
Indium(III) halides-catalyzed preparation of ferrocene-dihydropyrimidinones	52
N.-Y. Fu, Y.-F. Yuan, M.-L. Pang, J.-T. Wang, C. Peppe	52
Synthesis of (η^6 -arene)tricarbonylmetal and (σ -nitrogen)pentacarbonylmetal complexes of 1,2,3,4-tetrahydroquinoline and 1,2,3,4-tetrahydroisoquinoline with chromium, molybdenum and tungsten	58
C. López, M.A. Muñoz-Hernández, D. Morales-Morales, F. del Rio, S. Hernández-Ortega, R.A. Toscano, J.J. García	58
Reaction of a stable germabenzene with chalcogens: synthesis and structure of a novel germanium analog of pentathiepane, 1,2,3,4,5,6-pentathiagermepane	66
N. Nakata, N. Takeda, N. Tokitoh	66
Thermal isomerization of 1,2-diadamantoyltetrakis(trimethylsilyl)disilane via a 2,3-disilabutadiene intermediate	72
J. Ohshita, H. Takayama, M. Ishikawa, A. Kunai	72
Heteronuclear bonding between heavier Group 14 elements and transition-metals: novel halogermylene- and stannylenes transition-metal complexes L ² (X)MM'L _n ' [L ² = PhNC(Me)CHC(Me)NPh; X = Cl, I; M = Ge, Sn; M'L _n ' = W(CO) ₅ , Fe(CO) ₄]	77
I. Saur, G. Rima, K. Miqueu, H. Gornitzka, J. Barrau	77
Synthesis and mesomorphic properties of γ -substituted β -diketones and their dicarbonylrhodium(I) complexes	86
J. Han, L.F. Zhang, W. Wan	86
Insertion of carbodiimide into the Ln–N σ -bond of organolanthanide complexes. Synthesis and characterization of organolanthanide guanidinates (C ₅ H ₅) ₂ Ln[ⁱ PrN–C(N ⁱ Pr ₂)–N ⁱ Pr] (Ln = Yb, Dy, Gd)	94
J. Zhang, R. Cai, L. Weng, X. Zhou	94
Preparation and structural characterization of trimethylsilyl-substituted germylzinc halides, (Me ₃ Si) ₃ GeZnX (X = Cl, Br, and I) and silylzinc chloride, R(Me ₃ Si) ₂ SiZnCl (R = SiMe ₃ and Ph)	100
M. Nanjo, T. Oda, K. Mochida	100

Synthetic, spectroscopic, and structural studies of bis(2-methyl-4-phenylpentadienyl)ruthenium, Ru(2-CH ₃ -4-C ₆ H ₅ C ₅ H ₅) ₂ ; characterization of isomeric open ruthenocenes G.C. Turpin, A.L. Rheingold, R.D. Ernst	109
Dimethyltin(IV) 2,6-disubstituted pyridine complexes E. Gómez, R. Flores, G. Huerta, C. Alvarez-Toledano, R.A. Toscano, V. Santes, N. Nava, P. Sharma	115
Synthesis and characterisation of new polynuclear copper(I) pyrazolate complexes and their catalytic activity in the cyclopropanation of olefins A. Maspero, S. Brenna, S. Galli, A. Penoni	123
Erratum	130
Author Index of Volume 672	131
Subject Index of Volume 672	133
Contents of Volume 672	137