

Contents of Volume 622

Regular Papers

- The reactions of $\text{CpRu}(\text{PPh}_3)_2\text{SR}$ with the electrophiles HBF_4 , $[\text{MeSSMe}_2]\text{BF}_4$ and MeSphth where $\text{R} = \text{CMe}_3$, CHMe_2 , $4\text{-C}_6\text{H}_4\text{Me}$ and $\text{phth} = \text{phthalimide}$
 A. Shaver, M. El-khateeb, A.-M. Lebuis. 1
- N*-Acyl-*N,N*-dipyridyl and *N*-acyl-*N*-pyridyl-*N*-quinoyl amine based palladium complexes. Synthesis, X-ray structures, heterogenization and use in Heck couplings
 J. Silberg, T. Schareina, R. Kempe, K. Wurst, M.R. Buchmeiser 6
- Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente: LI. Synthese, Kristall-, Molekül- und Elektronenstruktur von $\text{Cp}_3\text{Nd}(\text{NCCH}_3)_2$
 H. Schulz, H. Reddmann, H.-D. Amberger, B. Kanellakopoulos, C. Apostolidis, J. Rebizant, N.M. Edelstein 19
- Very large neutral and polyanionic Fe/Au cluster-containing dendrimers
 M. Benito, O. Rossell, M. Seco, G. Segalés, V. Maraval, R. Laurent, A.-M. Caminade, J.-P. Majoral. 33
- Water-soluble cyclopalladated aryl oxime: a potent 'green' catalyst
 E.Y. Bezoudnova, A.D. Ryabov 38
- Ring-opening polymerisation of norbornene by $(\mu\text{-H})_2\text{Os}_3(\text{CO})_{10}$ complex
 S. Aime, A.J. Arce, O. Chiantore, R. Gobetto, A. Russo, Y. De Sanctis 43
- Electrochemical behaviour of cyclometallated gold(III) complexes. Evidence of transcyclometallation in the fate of electroreduced species
 G. Sanna, M.I. Pilo, N. Spano, G. Minghetti, M.A. Cinelli, A. Zucca, R. Seeber 47
- Synthesis and structure of pentacoordinated monoorganosilane derivatives of pyridine ligands
 E. Gómez, V. Santes, V. de la Luz, N. Farfán 54
- The synthesis and structural characterisation of a diphosphastibolyl potassium complex, $\{[\text{K}(\text{DME})][1,4,2\text{-P}_2\text{SbC}_2\text{Bu}_5^-\}_\infty$, and a novel hetero-cage compound
 C. Jones, R.C. Thomas 61
- Synthesis and coordination behaviour of the new (8-quinolyl)cyclopentadienyl ligand
 M. Enders, G. Kohl, H. Pritzkow. 66
- Photosubstitution of carbon monoxide in $\text{W}(\text{CO})_6$ by alkyne: NMR detection of thermally unstable alkyne tungsten(0) carbonyl complexes
 T. Szymańska-Buzar, K. Kern. 74
- Synthesis of 2-ynamides by direct palladium-catalyzed oxidative aminocarbonylation of alk-1-yne
 B. Gabriele, G. Salerno, L. Veltri, M. Costa 84
- NC-palladacycles as highly effective cheap precursors for the phosphine-free Heck reactions
 I.P. Beletskaya, A.N. Kashin, N.B. Karlstedt, A.V. Mitin, A.V. Cheprakov, G.M. Kazankov. 89
- Cationic chelate phosphane substituted carbyne tungsten complexes
 E. Bannwart, H. Jacobsen, R. Hübener, H.W. Schmalle, H. Berke 97
- Reversibility of palladium-alkyl intermediate formation in deuterioalkoxycarbonylation of 1-hexene
 C. Benedek, Á. Gömöry, B. Heil, S. Törös 112
- ortho*-Lithiated benzyl diorganophosphines $[o\text{-(R}_2\text{PCH}_2)_2\text{C}_6\text{H}_4\text{Li}(\text{Et}_2\text{O})]$, $\text{R} = \text{Ph, Me}$. Synthesis, structural characterization, and reactions
 G. Müller, H.-P. Abicht, M. Waldkircher, J. Lachmann, M. Lutz, M. Winkler 121

In situ synthesis of the first C_7 cumulene $(Fc)_2C=C=C=C=C=C(Fc)_2$ via deprotonation of its conjugate acid $[(Fc)_2C_7H(Fc)_2]^+ BF_4^-$ (Fc = ferrocenyl) B. Bildstein, W. Skibar, M. Schweiger, H. Kopacka, K. Wurst.	135
Group 4 metallocenes containing hetaryl substituents at their π -ligands: synthesis and characterization of the parent bis[2-(2-furyl)indenyl]zirconocene system T. Dreier, G. Unger, G. Erker, B. Wibbeling, R. Fröhlich	143
Ruthenium-catalyzed intramolecular hydroamination of aminoalkynes T. Kondo, T. Okada, T. Suzuki, T.-a. Mitsudo.	149
Palladium(0)–olefin complexes with potentially terdentate nitrogen–sulfur ligands. The role of the chelate in the olefin exchange path L. Canovese, F. Visentin, G. Chessa, G. Gardenal, P. Uguagliati	155
Bond-valence approach to the copper–copper and copper–nitrogen bonding in binuclear copper(II) complexes: Structure of tetrakis(2-iodobenzoato)bis(caffeine)dicopper(II) at 210 K F. Valach, M. Tokarčík, T. Maris, D.J. Watkin, C.K. Prout	166
ω -Monofluoroalkylrhodoximes: synthesis and structures of $[Rh\{(CH_2)_nF\}(dmgH)_2(PPh_3)]$ ($n = 1, 3$) and C–F activation reactions M. Rausch, C. Bruhn, D. Steinborn	172
Halo-carbonyl complexes of platinum(II) and palladium(II) F. Bagnoli, D. Belli Dell'Amico, F. Calderazzo, U. Englert, F. Marchetti, A. Merigo, S. Ramello	180
Three coordinate divalent Group 14 element compounds with a β -diketiminato as supporting ligand L^2MX [$L^2 = PhNC(Me)CHC(Me)NPh$, $X = Cl, I$; $M = Ge, Sn$] A. Akkari, J.J. Byrne, I. Saur, G. Rima, H. Gornitzka, J. Barrau	190
Experimental and theoretical studies on the course of CO insertion into Pt–C and Pd–C bonds in neutral and cationic complexes, $[MR(Cl)\{P(CH_3)_3\}_2]$ and $[MR\{P(CH_3)_3\}_2(s)]^+ BF_4^-$ ($M = Pt, Pd$, $R = CH_3, C_6H_5$, $s =$ coordinated solvent) Y. Kayaki, H. Tsukamoto, M. Kaneko, I. Shimizu, A. Yamamoto, M. Tachikawa, T. Nakajima.	199
Synthesis and electrochemical properties of organometallic macrocyclic crown ethers containing redox-active tetrahedral $Mo_2Fe(\mu_3-S)$ cluster cores. Crystal structures of $[Mo_2Fe(\mu_3-S)(CO)_7][\eta^5-C_5H_4CH_2(CH_2OCH_2)_n CH_2C_5H_4-\eta^5]$ ($n = 1-3$) L.-C. Song, D.-S. Guo, Q.-M. Hu, F.-H. Su, J. Sun, X.-Y. Huang	210
Synthesis of platinum complexes with $\eta^4-C_5Me_4(CF_3)H$ ligand. X-ray structure of $[Pt(\eta^4-C_5Me_4H_2)Cl_2]$ and $[Pt\{\eta^4-C_5Me_4(CF_3)H\}(\eta^5-C_5H_5)]PF_6$ O.V. Gusev, T.A. Peganova, M.A. Ievlev, A.G. Kropotova, K.A. Lyssenko, P.V. Petrovskii, Y.F. Oprunenko, N.A. Ustyniuk	221
3-Hexyne complexes of molybdenum(II) and tungsten(II) containing phosphite ligands: X-ray crystal structures of $[MoI_2(CO)(NCMe)\{P(OPh)_3\}(\eta^2-EtC_2Et)]$, $[MoI_2(CO)(dppe)(\eta^2-EtC_2Et)]$ and $[MI_2(CO)\{P(O^iPr)_3\}_2(\eta^2-EtC_2Et)]$ ($M = Mo$ and W) M. Al-Jahdali, P.K. Baker, M.G.B. Drew	228
Stabilization of unstable unsaturated molecules in five-coordinate TBP complexes of Pt(II): enol, diol and dialdehyde derivatives V. De Felice, F. Giordano, I. Orabona, D. Tesauro, A. Vitagliano	242
Organotransition metal modified sugars: Part 21. Synthesis of organometallic disaccharides bearing two monosaccharide moieties linked by a chromium carbene spacer E. Janes, K.H. Dötz	251
New boron macrocycles based on self-assembly of Schiff bases V. Barba, E. Gallegos, R. Santillan, N. Farfán	259
Synthesis and structure of organoantimony (V) cyclometallates: transannular interactions and the barrier to cyclisation H. Barucki, S.J. Coles, J.F. Costello, M.B. Hursthouse	265
Heteronuclear tin(IV)–silver(I) complexes with phosphinothiolate ligands. X-ray structure of $[AgSn(\mu-SC_6H_4PPh_2)_2Me_2-(PPh_2Me)]CF_3SO_3 \cdot CH_2Cl_2$ J. Aznar, E. Cerrada, M.B. Hursthouse, M. Laguna, C. Pozo, M.P. Romero	274
Syntheses of new ruthenium carbonyl terpyridine <i>o</i> -phenylene complexes: strong interaction between carbonyl and <i>o</i> -phenylene ligands H. Sugimoto, K. Tanaka	280
Novel nickel catalysts based on perfluoroalkyl- β -diketone ligands for the selective dimerization of propylene to 2,3-dimethylbutenes F. Benvenuti, C. Carlini, F. Marchetti, M. Marchionna, A.M. Raspoli Galletti, G. Sbrana	286

NotesThe synthesis and structure of the thiosulfonato iron complexes $\text{CpFe}(\text{CO})_2\text{SS}(\text{O})_2\text{R}$

M. El-khateeb, A. Shaver, A.-M. Lebuis	293
<i>cis</i> - and <i>trans</i> -Bis(1-phenyl-2,3,4,5-tetramethylphosphole)tetracarbonylmolybdenum(0), $[\text{Mo}(\text{CO})_4(\text{tmpPh})_2]$. Syntheses and structures K.W. Muir, F.Y. Pétilion, R. Rumin, P. Schollhammer, J. Talarmin	297
Synthesis of (Z)-1-aryl-2-(germyl)-1-(stannyl)ethenes and the related ethenes, precursors to stereodefined germylethenes, via $\text{Pd}(\text{dba})_2$ - $\text{P}(\text{OCH}_2)_3\text{CEt}$ -catalyzed germastannation of acetylenes in THF Y. Senda, Y.-i. Oguchi, M. Terayama, T. Asai, T. Nakano, T. Migita	302
Author index of Volume 622	309
Subject index of Volume 622	311
Contents of Volume 622	317