

Carlo Mealli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Computational Overview of a Pd-Catalyzed Olefin Bis-alkoxycarbonylation Process. <i>Organometallics</i> , 2020, 39, 1059-1069.	1.1	10
2	Indoles from Alkynes and Aryl Azides: Scope and Theoretical Assessment of Ruthenium Porphyrin-Catalyzed Reactions. <i>Chemistry - A European Journal</i> , 2019, 25, 16591-16605.	1.7	8
3	The atomic level mechanism of white phosphorous demolition by di-iodine. <i>Dalton Transactions</i> , 2018, 47, 394-408.	1.6	16
4	Modelling strategies for the covalent functionalization of 2D phosphorene. <i>Dalton Transactions</i> , 2018, 47, 17243-17256.	1.6	28
5	Hierarchy of Supramolecular Arrangements and Building Blocks: Inverted Paradigm of Crystal Engineering in the Unprecedented Metal Coordination of Methylene Blue. <i>Inorganic Chemistry</i> , 2017, 56, 3512-3516.	1.9	14
6	From Widely Accepted Concepts in Coordination Chemistry to Inverted Ligand Fields. <i>Chemical Reviews</i> , 2016, 116, 8173-8192.	23.0	155
7	Intriguing I ₂ Reduction in the Iodide for Chloride Ligand Substitution at a Ru(II) Complex: Role of Mixed Trihalides in the Redox Mechanism. <i>Inorganic Chemistry</i> , 2016, 55, 283-291.	1.9	25
8	[Co ₂ (CO) ₆ (Alkynyl)] Complexes of Dibenzosuberyl and Dibenzosubereryl Carbocations: Dibenzotropylium or Dibenzoheptafulvene?. <i>ChemPlusChem</i> , 2016, 81, 292-306.	1.3	4
9	Comparative Study of the Catalytic Amination of Benzylic C-H Bonds Promoted by Ru(TPP)(py) ₂ and Ru(TPP)(CO). <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4885-4893.	1.0	14
10	A mechanistic investigation of the ruthenium porphyrin catalysed aziridination of olefins by aryl azides. <i>Dalton Transactions</i> , 2015, 44, 10479-10489.	1.6	33
11	Electronic underpinnings of phosphido-bridged Pt ₃ clusters and the questioned stereochemistry of a uniquely reported 46e ⁻ species. <i>Inorganica Chimica Acta</i> , 2015, 424, 322-328.	1.2	2
12	DFT Mechanistic Proposal of the Ruthenium Porphyrin-Catalyzed Allylic Amination by Organic Azides. <i>ACS Catalysis</i> , 2014, 4, 823-832.	5.5	56
13	Electronic aspects of the phosphine-oxide ↔ phosphinous acid tautomerism and the assisting role of transition metal centers. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 177-185.	0.8	34
14	Experimental and theoretical insights into the oxodiperoxomolybdenum-catalysed sulphide oxidation using hydrogen peroxide in ionic liquids. <i>Dalton Transactions</i> , 2014, 43, 13711.	1.6	38
15	CNN Pincer Ruthenium Catalysts for Hydrogenation and Transfer Hydrogenation of Ketones: Experimental and Computational Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 13603-13617.	1.7	47
16	Unprecedented Tris-Phosphido-Bridged Triangular Clusters with 42 Valence Electrons. Chemical, Electrochemical and Computational Studies of their Formation and Stability. <i>Inorganic Chemistry</i> , 2013, 52, 4635-4647.	1.9	6
17	Factors Controlling Asymmetrization of the Simplest Linear I ₃ ⁻ and I ₄ ²⁻ Polyiodides with Implications for the Nature of Halogen Bonding. <i>Crystal Growth and Design</i> , 2012, 12, 1762-1771.	1.4	46
18	Electronic Stabilization of Trigonal Bipyramidal Clusters: the Role of the Sn(II) Ions in [Pt ₅ (CO) ₅ {Cl ₂ Sn(1/4-OR)SnCl ₂ } ₃] ³⁻ (R = H, Me, Et, ⁱ Pr). <i>Inorganic Chemistry</i> , 2011, 50, 12553-12561.		16

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19	Thiodiacetateâ€“Manganese Chemistry with N ligands: Unique Control of the Supramolecular Arrangement over the Metal Coordination Mode. <i>Chemistry - A European Journal</i> , 2011, 17, 10600-10617.	1.7	29
20	Lodovico Riva Di Sanseverino (1939â€“2010). <i>Journal of Applied Crystallography</i> , 2010, 43, 946-946.	1.9	0
21	A Bonding Quandaryâ€”orâ€”A Demonstration of the Fact That Scientists Are Not Born With Logic. <i>Chemistry - A European Journal</i> , 2009, 15, 8358-8373.	1.7	77
22	Striking AcOH Acceleration in Direct Intramolecular Allylic Amination Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 11078-11082.	1.7	94
23	Inside Cover: Striking AcOH Acceleration in Direct Intramolecular Allylic Amination Reactions (Chem.) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	1.7	98
24	An overview of the electronic structure in trigonal bipyramidal clusters of main elements or mixed with transition metals. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 365-373.	0.5	3
25	â€œHalfâ€“Bondsâ€“in an Unusual Coordinated S ₄ ²⁺ Rectangle. <i>Chemistry - an Asian Journal</i> , 2009, 4, 302-313.	1.7	10
26	Is 2.07 Å... a Record for the Shortest Ptâ€”S Distance? Revision of Two Reported X-ray Structures. <i>Inorganic Chemistry</i> , 2009, 48, 3840-3847.	1.9	12
27	Dynamic Behaviour of the [(Triphos)Rh(I- ¹ :I- ²)â€“P ₄ RRâ€“ ²)] ⁺ Complexes [Triphos = MeC(CH ₂) ₂ PPh ₂) ₃ ; R = H, Alkyl, Aryl; Râ€“ ² = Lone Pair, H, Me; ¹ : ² = 0, 1]; NMR and Computational Studies. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1392-1399.	1.0	13
28	S ₄ ²⁺ Rings, Disulfides, and Sulfides in Transitionâ€“Metal Complexes: The Subtle Interplay of Oxidation and Structure. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2864-2868.	7.2	43
29	Parallel disulfido bridges in bi- and poly-nuclear transition metal compounds: Bonding flexibility induced by redox chemistry. <i>Inorganica Chimica Acta</i> , 2008, 361, 3631-3637.	1.2	7
30	Electronic Influence of the Thienyl Sulfur Atom on the Oligomerization of Ethylene by Cobalt(II) 6-(Thienyl)-2-(imino)pyridine Catalysis. <i>Organometallics</i> , 2007, 26, 726-739.	1.1	74
31	Integration of Electron Density and Molecular Orbital Techniques to Reveal Questionable Bonds:â€”The Test Case of the Direct Feâ€”Fe Bond in Fe ₂ (CO) ₉ . <i>Inorganic Chemistry</i> , 2007, 46, 7142-7147.	1.9	44
32	Ab Initio Molecular Dynamics of Heme in Cytochrome c. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1157-1164.	1.2	7
33	Selective Ruthenium-Catalyzed Transformations of Enynes with Diazoalkanes into Alkenylbicyclo[3.1.0]hexanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 6037-6049.	6.6	104
34	Models for the Hydrogenases Put the Focus Where It Should Beâ€”Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8942-8944.	7.2	69
35	Thiodiacetate and Oxydiacetate Cobalt Complexes: Synthesis, Structure and Stereochemical Features. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3543-3552.	1.0	33
36	A Critical Review of Electronic Effects in Enediamido and Î±â€“Diimino Complexes of the Group 4 Metals. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2556-2568.	1.0	22

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37	Experimental and computational studies on the solvent-controlled cluster isomerism of Ru ₃ (H)(CO) ₉ (NPPPh ₃) and related dynamics. <i>Chemical Communications</i> , 2006, , 1527.	2.2	8
38	Novel results on thiodiacetate zinc(II) complexes: Synthesis and structure of [Zn(tda)(phen)] ₂ ·5H ₂ O. <i>Inorganic Chemistry Communication</i> , 2006, 9, 160-163.	1.8	25
39	A Counterintuitive Structural Effect of Metal–Metal Bond Protonation and Its Electronic Underpinnings. <i>Chemistry - A European Journal</i> , 2006, 12, 4691-4701.	1.7	17
40	Thiodiacetate cobalt(II) complexes: Synthesis, structure and properties. <i>Inorganic Chemistry Communication</i> , 2005, 8, 463-466.	1.8	30
41	Supramolecular Interactions as Determining Factors of the Geometry of Metallic Building Blocks: Tetracarboxylate Dimanganese Species. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3429-3432.	7.2	27
42	Formation and Characterization of the Hexanuclear Platinum Cluster [Pt ₆ (1/4-PBut ₂) ₄ (CO) ₆](CF ₃ SO ₃) ₂ through Structural, Electrochemical, and Computational Analyses. <i>Journal of the American Chemical Society</i> , 2005, 127, 3076-3089.	6.6	31
43	Folded 2,5-diazapent-3-ene metallacycle in ene-diamido group 4 metal compounds: DFT and AIM analyses. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2847-2852.	0.8	7
44	Manganese Oxydiacetate Complexes: Synthesis, Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 707-717.	1.0	29
45	Synthesis, structure, magnetic and electrochemical properties of an oxydiacetate iron(II) complex. <i>Inorganica Chimica Acta</i> , 2004, 357, 4215-4219.	1.2	20
46	Activation of Molecular Hydrogen over a Binuclear Complex with Rh ₂ S ₂ Core: DFT Calculations and NMR Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2004, 126, 11954-11965.	6.6	57
47	Structural and Electronic Rearrangements upon the Oxidation of Binuclear (Ru ₂) and Trinuclear (MoRu ₂) Complexes with Bridging-Phenylenediamido Ligands. <i>Organometallics</i> , 2004, 23, 471-481.	1.1	23
48	Electronic Factors Affecting Second-Order NLO Properties: A Case Study of Four Different Push-Pull Bis-Dithiolene Nickel Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 5069-5079.	1.9	75
49	Nonclassical vs Classical Metal–H ₃ C ^π C Interactions: Accurate Characterization of a 14-Electron Ruthenium(II) System by Neutron Diffraction, Database Analysis, Solution Dynamics, and DFT Studies. <i>Journal of the American Chemical Society</i> , 2004, 126, 5549-5562.	6.6	97
50	Activation and Functionalization of White Phosphorus at Rhodium: Experimental and Computational Analysis of the [(triphos)Rh(1:1:2-P4RR ₂)] ₂ Complexes (triphos=MeC(CH ₂ PPh ₂) ₃ ; R=H, Alkyl, Aryl; R ₂ C=2) <i>J. Organomet. Chem.</i> 2004, 687, 1-10.	1.0	0
51	Effects of the bridging ligands on the molecular and electronic structure of Fe ₂ (CO) ₉ derivatives. <i>Coordination Chemistry Reviews</i> , 2003, 238-239, 333-346.	9.5	16
52	Structural and electronic features of Group 8 metal complexes containing one 1,2-diiminobenzene chelate ligand. <i>Inorganica Chimica Acta</i> , 2003, 350, 557-567.	1.2	11
53	First example of a tetra-carboxylate bridged dimanganese species Electronic supplementary information (ESI) available: experimental section and computational details. See http://www.rsc.org/suppdata/cc/b2/b211886f/ . <i>Chemical Communications</i> , 2003, , 512-513.	2.2	36
54	Synthesis, molecular structure and properties of oxo-vanadium(IV) complexes containing the oxydiacetate ligand. <i>Dalton Transactions</i> , 2003, , 1813-1820.	1.6	49

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55	Trimethylsilyl-substituted ligands as solubilizers of metal complexes in supercritical carbon dioxide. Dalton Transactions, 2003, , 2170-2176.	1.6	31
56	Unprecedented η^1 -Pbasal Coordination of P4X3 Molecules (X = S, Se). An Experimental and Theoretical Study of the Apical vs Basal Complexation Dichotomy. Inorganic Chemistry, 2002, 41, 659-668.	1.9	25
57	Structural and Electronic Features of o-Phenylenediamido Complexes of Group 6 Metals in Different Oxidation States. Comments on Inorganic Chemistry, 2002, 23, 401-416.	3.0	14
58	Different Complexation Properties of Some Hydroxy Keto Heterocycles toward Beryllium(II) in Aqueous Solutions: An Experimental and Theoretical Studies. Inorganic Chemistry, 2002, 41, 4006-4017.	1.9	23
59	Palladium π -Arene Interactions in Catalytic Intermediates: An Experimental and Theoretical Investigation of the Soft Rearrangement between η^1 and η^2 Coordination Modes. Journal of the American Chemical Society, 2002, 124, 4336-4346.	6.6	147
60	Synthesis and molecular structure of oxydiacetate complexes of nickel(ii) and cobalt(ii). Theoretical analysis of the planar and non-planar conformations of oxydiacetate ligand and oxydiacetic acid. Dalton Transactions RSC, 2002, , 3771-3777.	2.3	44
61	Reaction of $[\text{Pt}\{\text{Fe}(\text{CO})_3(\text{NO})\}_2(\text{PhCN})_2]$ with diphenyl(2-pyridyl)phosphine selenide. Crystal structure of $[(\text{CO})_3\text{Fe}(\eta^4\text{-Se})\{\text{Pt}(\text{CO})\text{P}(2\text{-C}_5\text{H}_4\text{N})\text{Ph}_2\}_2]$ and its theoretical study. Inorganica Chimica Acta, 2002, 330, 95-102.	1.2	16
62	Theoretical Analysis of Bonding and Stereochemical Trends in Doubly Bridged Copper(I) π -Copper(I) Dimers. Organometallics, 2001, 20, 1734-1742.	1.1	27
63	Alkylindium(I) vs Carbon Monoxide Bridges in Binuclear Iron Carbonyl Complexes: A Theoretical Study. Organometallics, 2001, 20, 786-789.	1.1	8
64	Synthesis, antiapoptotic biological activity and structure of an oxo μ^2 -vanadium(IV) complex with an OOO ligand donor set. Inorganic Chemistry Communication, 2000, 3, 32-34.	1.8	46
65	Nature of the metal π -carbon contacts in ene-diamido d0 metal complexes. New Journal of Chemistry, 2000, 24, 73-75.	1.4	32
66	Synthesis and Structure of the Cluster Ion Pair $\{\text{Ru}_3(\text{CO})_9[\eta^4\text{-P}(\text{NPri}_2)_2]_3\}\{\text{Ru}_6(\text{CO})_{15}[\eta^4\text{-C}(\eta^4\text{-P}(\text{NPri}_2)_2)]\}$. A Theoretical Overview of $\text{M}_3(\eta^4\text{-PR}_2)_3$ Frameworks. Inorganic Chemistry, 2000, 39, 998-1005.	1.9	24
67	The crystal structure and spectroscopic characterization of 1-(<i>i</i> -N</i>-ethyl-1-sulphonate-4-pyridinio)-2-[<i>i</i> -N</i>-methylpyrrol-2-yl]ethene. Molecular Crystals and Liquid Crystals, 2000, 339, 261-269.	0.3	1
68	Roles of π -Alkyne, Hydride π -Alkynyl, and Vinylidene Metal Species in the Conversion of Alkynes into Vinylidene: New Theoretical Insights. European Journal of Inorganic Chemistry, 1999, 1999, 1315-1324.	1.0	33
69	Pt as Mediator of Strong Antiferromagnetic Coupling between Two CuII Ions in a Heteronuclear CuIIPtIICuII Complex of the Model Nucleobase 1-Methylcytosinate. Chemistry - A European Journal, 1999, 5, 3010-3018.	1.7	31
70	Structure and Bonding of Diiodine Adducts of the Sulfur-Rich Donors 1,3-Dithiacyclohexane-2-thione (ptc) and 4,5-Ethylenedithio-1,3-dithiole-2-thione (ttb). Inorganic Chemistry, 1999, 38, 4626-4636.	1.9	64
71	Redox behavior of the molybdenum and tungsten metallafullerenes $\text{M}(\eta^2\text{-C}_{60})(\text{CO})_2(\text{phen})(\text{dbm})$ (phen π -1,10-phenanthroline; dbm π -dibutyl maleate): (spectro)electrochemistry and theoretical considerations. Journal of the Chemical Society Dalton Transactions, 1999, , 965-970.	1.1	33
72	Structure and vibrational spectroscopy of methanesulfonic acid hydrazide: an experimental and theoretical study. New Journal of Chemistry, 1999, 23, 1253-1260.	1.4	30

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73	Molecular Structures of $M_2(CO)_9$ and $M_3(CO)_{12}$ ($M = Fe, Ru, Os$): A New Theoretical Insights. <i>Inorganic Chemistry</i> , 1999, 38, 5053-5060.	1.9	61
74	Theoretical Overview of Pd(I) and Pt(I) Dimers with Bridging Phosphido Ligand(s). <i>Inorganic Chemistry</i> , 1999, 38, 4620-4625.	1.9	19
75	The role of cyclo-triphosphorus (P_3) in-plane π orbitals in coordinating transition metal fragments. <i>Inorganica Chimica Acta</i> , 1998, 275-276, 366-372.	1.2	8
76	Title is missing!. <i>Structural Chemistry</i> , 1998, 9, 129-137.	1.0	0
77	Organometallic nickel(II) complexes with substituted benzonitrile ligands. Synthesis, electrochemical studies and non-linear optical properties. The X-ray crystal structure of $[Ni(\eta^5-C_5H_5)\{P(C_6H_5)_3\}(NCC_6H_4NH_2)]PF_6$. <i>Journal of Organometallic Chemistry</i> , 1998, 553, 115-128.	0.8	16
78	Synthesis, molecular structure and theoretical considerations on $Mo(PhC\equiv CCOOEt)_3(PMe_3)$. <i>Journal of Organometallic Chemistry</i> , 1998, 569, 21-27.	0.8	8
79	Heterocyclic systems containing antimony (III) -VIII. Hypervalency by intramolecular 1,5-chelation $Sb \hat{\cdot} \hat{\cdot} \hat{\cdot} N$ in rings $RSb[(CH_2)_3]_2NR_2$ ($NR_2 = NMe, NBz, NBu$) and comparison to analogous compounds of AsIII, BiIII, GeIV and SnIV. <i>Polyhedron</i> , 1998, 17, 2655-2668.	1.0	15
80	Molecular-orbital study of a quasi-linear Ru_2Mo trinuclear compound with a diamidolene ligand across each metal-metal linkage. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1441-1446.	1.1	1
81	Synthesis and Characterization of Tungsten Alkenyl-Carbyne and Alkenyl-Ketenyl Complexes Containing Dithio Ligands. X-ray Crystal Structure and MO Analyses of $[(dppe)\{(\eta^3-S,C,S)-S_2CPCy_3\}W\langle CCHC(CH_2)_3CH_2 \rangle][BF_4]$. <i>Organometallics</i> , 1997, 16, 4099-4108.	1.1	14
82	1,2-Diamidolenes, -Diphosphidolenes, and -Dithiolenes as Riders on Sawhorses (L_6M_2 Units). A Theoretical Interpretation of the Stereochemistries, Residual Bonding Capabilities, and Contrasts to the Behavior of 1,2-Dioxolenes. <i>Inorganic Chemistry</i> , 1997, 36, 3724-3729.	1.9	12
83	A Comprehensive Qualitative and Quantitative Molecular Orbital Analysis of the Factors Governing the Dichotomy in the Dinorcaradiene 1,6-Methano[10]annulene system. <i>Chemistry - A European Journal</i> , 1997, 3, 958-968.	1.7	16
84	Synthesis, Structure, and Reactivity of the Complexes $Fe(\eta^3-S_2CPR_3)(CO)_3$. Electronic Factors Affecting the Dichotomy between η^2 and η^3 Coordination Modes in Transition Metal Complexes of Dithiocarboxy Ligands. <i>Organometallics</i> , 1996, 15, 2735-2744.	1.1	23
85	MO Analysis of the Fluxional Behavior of $M(\eta^3-S_2CPMe_3)(CO)_2(PMe_3)_2$ ($M = Mo, W$) Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 2406-2408.	1.9	13
86	Like on Heterogeneous Hydrodesulfurization (HDS) Catalysts, the Homogeneous HDS of Benzo[b]thiophene Is Achieved by the Concomitant Action of a Metal Promoter (Rh) and an Active HDS Component (W). <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1706-1708.	4.4	32
87	Cofacial and antarafacial indenyl bimetallic isomers: a descriptive MO picture and implications for the indenyl effect on ligand substitution reactions. <i>Inorganica Chimica Acta</i> , 1995, 240, 541-549.	1.2	33
88	Uracil and thiouracil complexes of dicyclopentadienyl molybdenum and tungsten: Preparation and electrochemistry. The structures of $[M(\eta^5-C_5H_5)_2(2-SN_2OC_4H_3)]PF_6$, $[M(\eta^5-C_5H_5)_2\{2-S(CH_3)N_2OC_4H_2\}]PF_6$, $[Mo(\eta^5-C_5H_5)_2(4-SN_2OC_4H_3)]PF_6$ and $[Mo(\eta^5-C_5H_5)_2\{4-S(CH_3)N_2OC_4H_2\}]PF_6$ ($M \rightarrow Mo$ and W). <i>Polyhedron</i> , 1995, 14, 675-685.	1.0	10
89	Theoretical Aspects of the Heterobimetallic Dimers with the T Over Square Structural Motif. Synthesis and Structure of a Heteronuclear Platinum and Palladium Complex with 1-Methylcytosinato Bridging Ligands. <i>Inorganic Chemistry</i> , 1995, 34, 3418-3424.	1.9	75
90	Thiophene C-S bond cleavage by rhodium and iridium. An unprecedented bridging mode of the open C_4H_4S fragment. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 921-922.	2.0	16

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91	An Overview of the MO Architectures of Metal Clusters Using Graphic Tools. , 1995, , 271-284.		0
92	Structural and NMR spectroscopic characterization of η^3 -Benzyl palladium(II) complexes. Journal of Organometallic Chemistry, 1994, 483, 77-89.	0.8	42
93	A pictorial MO description of Buckminsterfullerene and its interactions with transition metal fragments. Journal of Organometallic Chemistry, 1994, 478, 161-171.	0.8	35
94	New synthetic routes to face-to-face and open-book triazenide-bridged dirhodium bipyridyl complexes with the $[\text{Rh}_2]^{4+}$ core. Journal of the Chemical Society Dalton Transactions, 1994, , 2025.	1.1	26
95	Multiple Bonds between Main-Group Elements and Transition Metals. 123. Re-C Bond Homolysis in Alkyl- and Arylrhenium Trioxides: A Qualitative MO Interpretation. Inorganic Chemistry, 1994, 33, 1139-1143.	1.9	24
96	Electronic Structure of Ligand-Bridged Complexes Containing the $[\text{Rh}_2]^{3+}$ Core: ESR Spectroscopy, MO Calculations, and X-ray Structures of the Three Redox Pairs $[\text{Rh}_2(\text{CO})_2\text{LL}'_z\{\mu\text{-PhNC}(\text{Me})\text{NPh}\}_2]_z$ [$z = 0, 1$; $\text{L} = \text{L}' = \text{PPh}_3, \text{P}(\text{OPh})_3$; $\text{L} = \text{PPh}_3, \text{L}' = \text{P}(\text{OPh})_3$]. Inorganic Chemistry, 1994, 33, 960-971.	1.9	40
97	Stereochemistry of hypervalent tin(IV) compounds. NMR and crystallographic studies of organoyltin(IV) complexes with 1,1-dithiolate ligands. Inorganica Chimica Acta, 1993, 211, 155-160.	1.2	13
98	Ambivalence of nucleophilic attack on central and terminal allyl carbon atoms of $[(\eta^3\text{-allyl})\text{ML}_2]^+$ ($\text{M} \rightarrow \text{Tj ETQq0 0 0 rgBT / Overlock 10 Tf}$)	0.8	37
99	MO architectures of octahedral metal clusters. Inorganica Chimica Acta, 1993, 213, 199-212.	1.2	22
100	Simultaneous coordination of hydrides and η^1 -S thiophenes made possible at iridium. Inorganic Chemistry, 1993, 32, 3766-3770.	1.9	35
101	Synthesis and reactivity of $(\eta^6\text{-arene})(\text{phosphino enolato})\text{ruthenium(II)}$ complexes, their coupling reaction with phenylacetylene and thermal rearrangement to a phosphametallacyclopropane. X-ray crystal structures of $[\text{Ru}(\eta^6\text{-3-CH:C}(\text{Ph})\text{CH}(\text{PPh}_2)\text{C}(\text{Bu-tert):O})(\text{p-cymene})](\text{PF}_6)$, of $[\text{cyclic} \{\text{Ru}(\eta^6\text{-3-CH:C}(\text{Ph})\text{C}(\text{Me})(\text{PPh}_2)\text{C}(\text{Et):O})(\text{mesitylene})\}(\text{BF}_4)$, and of $[\text{cyclic} \{\text{Ru}(\eta^6\text{-3-CH:C}(\text{Ph})\text{C}(\text{H})\text{C}(\text{Bu-tert):O})(\text{mesitylene})\}(\text{BF}_4)]$. Organometallics, 1993, 12, 3906-3917.	1.1	28
102	Nucleophilic attack at the central allyl carbon atom in $(\eta^3\text{-allyl})\text{ML}_2^+$ complexes ($\text{M} = \text{palladium,}$) $\text{Tj ETQq0 0 0 rgBT / Overlock 10 Tf}$	1.1	46
103	Regioselective hydroformylation of cyclic vinyl and allyl ethers with rhodium catalysts. Crucial influence of the size of the phosphorus cocatalyst. Organometallics, 1992, 11, 3525-3533.	1.1	122
104	Ligand- and oxidation state-dependence of structure of triazenido-bridged complexes with face-to-face and open-book dirhodium cores: MO studies and the crystal structure of $[\text{Rh}_2(\mu\text{-CO})(\text{bipy})(\text{dppm})(\mu\text{-RNNNR})_2][\text{PF}_6]_2 \cdot 2\text{CH}_2\text{Cl}_2$ ($\text{R} = \text{p-tolyl}$). Journal of the Chemical Society Chemical Communications, 1992, , 143-145.	2.0	5
105	Synthesis, crystal structure, electrochemistry and molecular-orbital analysis of the piano-stool dimer $[\text{Mo}_2(\text{l-C}_5\text{H}_5)_2(\text{CO})_4(\text{NC}_5\text{H}_4\text{PPh}_2)_2]$. Journal of the Chemical Society Dalton Transactions, 1992, , 1847-1853.	1.1	13
106	Synthesis, characterization, and molecular structure of the first metal complex containing thallium chloride as a ligand. A novel carrier of thallium(I). Inorganic Chemistry, 1992, 31, 4036-4037.	1.9	29
107	Stereochemical nonrigidity and ligand dynamics in hypervalent tin(IV) compounds. Heteronuclear NMR and crystallographic studies of triorganoyltin(IV) and diorganoyltin(IV) complexes with dithiolate ligands. Inorganic Chemistry, 1992, 31, 3601-3606.	1.9	99
108	Structure and bonding of the coordinatively unsaturated complexes $[\text{Fe}_2(\text{CO})_5(\mu\text{-PR}_2)(\mu\text{-PR}'_2)](\text{Fe})$ $\text{Tj ETQq0 0 0 rgBT / Overlock 10 Tf}$	1.1	24

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110	Dioxygen uptake and transfer by Co(III), Rh(III) and Ir(III) catecholate complexes. <i>Inorganica Chimica Acta</i> , 1992, 198-200, 31-56.	1.2	52
111	Structural flexibility and bonding capabilities of the ligand np^3 toward the transition metals. <i>Coordination Chemistry Reviews</i> , 1992, 120, 361-387.	9.5	37
112	A description of the effects of silyl vs. alkyl substituents in ketones in the light of oxygen-17 NMR data and with the help of qualitative MO theory. <i>Journal of Molecular Structure</i> , 1992, 271, 133-148.	1.8	17
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114	Reductive elimination of dimethylcarbonate from (dimethoxycarbonyl) tricarbonyl cobaltates. Isolation and crystal structures of $Cs[Co(COOCH_3)_2(CO)_3]$ and $K[(dibenzo-18-crown-6)][Co(COOCH_3)_2(CO)_3]$. <i>Journal of Organometallic Chemistry</i> , 1991, 417, C32-C35.	0.8	14
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119	Electrochemistry of the two-dimensional heteronuclear $[Fe_3Pt_3(CO)_{15}]_n$ clusters ($n=2, 1, 0$): MO treatment of the skeletal adjustments in 86-84e σ congeners. <i>Journal of Cluster Science</i> , 1990, 1, 93-106.	1.7	15
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122	Intermetal bonding network in two-dimensional tetranuclear clusters. <i>Journal of the American Chemical Society</i> , 1990, 112, 5484-5496.	6.6	40
123	Migration of hydrogen from metal to alkene promoted by dioxygen addition. Oxygen atom transfer from a cis-(alkyl)(η^2 -dioxygen) complex of rhodium to organic and inorganic substrates. <i>Journal of Organometallic Chemistry</i> , 1989, 369, C6-C10.	0.8	19
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