

Miguel A Ciriano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Indenyl complexes of ruthenium(II). Crystal structure of $[\text{Ru}(\text{CO})(\text{PPh}_3)_2(\eta^5\text{-C}_9\text{H}_7)]\text{ClO}_4 \cdot \text{CH}_2\text{Cl}_2$. Journal of Organometallic Chemistry, 1985, 289, 117-131.	0.8	126
2	Pyrazolate bridged dinuclear rhodium complexes. X-ray structure of $[\text{Rh}(\text{Pz})(\text{CO})\text{P}(\text{OPh})_3]_2$. Journal of Organometallic Chemistry, 1981, 205, 247-257.	0.8	88
3	Synthesis of bis- μ -diorganosilanediyol- μ -dihydrido-bis(triorganophosphine)diplatinum complexes: crystal and molecular structure of $[\{\text{PtH}(\mu\text{-SiMe}_2)\text{P}(\text{C}_6\text{H}_{11})_3\}_2]$. Journal of the Chemical Society Dalton Transactions, 1980, , 659-666.	1.1	70
4	From Platinum Blues to Rhodium and Iridium Blues. Chemistry - A European Journal, 1999, 5, 1131-1135.	1.7	68
5	A Hexanuclear Iridium Chain. Angewandte Chemie - International Edition, 2003, 42, 529-532.	7.2	66
6	Reactions of bis(ethylene)(tertiary phosphine)platinum complexes with phenylethynyl derivatives of titanium and silicon; crystal structure of $(\mu\text{-dimethylsilanediyol})(\eta^1\text{-phenylethynyl})[\mu\text{-}(\eta^1\text{-}(\eta^1\text{-phenylethynyl}))\text{-bis}(\text{tricyclohexylphosphine})\text{diplatinum}(\text{Pt}^{\text{II}}\text{Pt}^{\text{II}})]$. Journal of the Chemical Society Dalton Transactions, 1979, , 1749-1756.	1.1	64
7	Ligand-Centred Reactivity of Bis(picoyl)amine Iridium: Sequential Deprotonation, Oxidation and Oxygenation of a π -Noninnocent-Ligand. Chemistry - A European Journal, 2009, 15, 11878-11889.	1.7	60
8	Deprotonation Induced Ligand-to-Metal Electron Transfer: Synthesis of a Mixed-Valence $\text{Rh}^{\text{II}}(\text{I})$ Dinuclear Compound and Its Reaction with Dioxide. Journal of the American Chemical Society, 2008, 130, 5844-5845.	6.6	58
9	Binuclear $[(\text{cod})(\text{Cl})\text{Ir}(\text{bpi})\text{Ir}(\text{cod})]^{2+}$ for Catalytic Water Oxidation. Organometallics, 2011, 30, 372-374.	1.1	58
10	Tetranuclear Complexes as Intermediates in Transannular Oxidative-Addition Reactions. Structure of the First Tetrairidium Linear Cluster. Angewandte Chemie International Edition in English, 1988, 27, 402-403.	4.4	57
11	Rhodium complexes of the binucleating ligands pyridine-2-thiolate and benzothiazole-2-thiolate. Crystal structures of $[\{\text{Rh}(\mu\text{-SC}_5\text{H}_4\text{N})(\text{CO})_2\}_2]$ and $[\{\text{Rh}(\mu\text{-SC}_5\text{H}_4\text{N})(\text{tfbb})\}_2] \cdot \text{Me}_2\text{CO}$ (tfbb =) Tj ETQq1 1 0.784314 rgB54 Overlock	1.1	56
12	Rhodium wires based on binuclear acetate-bridged complexes. Inorganic Chemistry Communication, 2001, 4, 19-22.	1.8	56
13	Dynamic Behavior, Redistribution Reactions, and Intermetallic Distances of Dinuclear Bis($\eta^1/4$ -pyrazolato)rhodium(I) Complexes. Organometallics, 1996, 15, 2967-2978.	1.1	48
14	Rhodium and Iridium Pyrazolato Blues. Angewandte Chemie - International Edition, 1998, 37, 1542-1545.	7.2	47
15	Ligand Oxidation of a Deprotonated Bis(picoyl)amine Ir ^I (cod) Complex. Chemistry - A European Journal, 2008, 14, 10932-10936.	1.7	47
16	Discrete Mixed-Valence Metal Chains: Iridium Pyridonate Blues The generous financial support from DGES and MCyT-PNI (Projects PB98-641 and BQU2000-1170) is gratefully acknowledged.. Angewandte Chemie - International Edition, 2001, 40, 4084.	7.2	44
17	Rhodium(III)-Catalyzed Dimerization of Aldehydes to Esters. Chemistry - A European Journal, 2011, 17, 91-95.	1.7	44
18	Trinuclear angular aggregates of rhodium: synthesis and crystal structures of $[\text{Rh}_3(\mu_3\text{-SC}_5\text{H}_4\text{N})_2(\text{CO})_6][\text{ClO}_4]$ ($\text{SC}_5\text{H}_4\text{N}$ = pyridine-2-thiolate) and $[\text{Rh}_3(\mu_3\text{-C}_7\text{H}_4\text{NS}_2)_2(\text{CO})_2(\text{PPh}_3)_2(\text{tfbb})][\text{ClO}_4]$ ($\text{C}_7\text{H}_4\text{NS}_2$ = benzothiazole-2-thiolate, tfbb =) Tj ETQq0 0 0 rgBT 10 Tf 50 52	1.1	42

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19	Sulfido-Bridged Tetranuclear Titanium-Iridium Complexes with an Unconventional Tetrahedral Iridium Center. <i>Organometallics</i> , 1999, 18, 3025-3034.	1.1	42
20	Synthesis of trans-di- μ -hydridobis(silyl)bis(trialkylphosphine)di-platinum complexes: crystal and molecular structure of di- μ -hydrido-bis(tricyclohexylphosphine)bis(triethylsilyl)diplatinum. <i>Journal of the Chemical Society Dalton Transactions</i> , 1978, , 801-808.	1.1	41
21	Synthesis and x-ray structural characterization of heterobimetallic rhodium-platinum and rhodium-palladium benzothiazole-2-thiolate compounds. The first binuclear complexes having two short-bite anionic bridging ligands in a trans disposition. <i>Inorganic Chemistry</i> , 1992, 31, 969-974.	1.9	41
22	Pyrazolate thiocarbonylrhodium complexes. X-ray structure of $[\text{Rh}(\eta^4\text{-}3,5\text{-Me}_2\text{Pz})(\text{CS})(\text{PPh}_3)]_2$. <i>Journal of Organometallic Chemistry</i> , 1982, 224, 69-80.	0.8	40
23	Early-Late Heterotetranuclear Complexes (TiRh_3) with Bridging Sulfido Ligands: Ligand Replacement Reactions and Catalytic Activity in Hydroformylation of Olefins. <i>Organometallics</i> , 1999, 18, 3035-3044.	1.1	40
24	Synthesis, Reactivity, and Catalytic Activity of Triangular ZrM_2 ($\text{M} = \text{Rh}, \text{Ir}$) Early-Late Heterobimetallic Complexes. <i>Organometallics</i> , 2003, 22, 1237-1249.	1.1	40
25	Complexes of rhodium(I) with 1,8-naphthyridine and related ligands. Crystal structure of $[\text{Rh}_2(\mu\text{-napy})_2(\text{nb})_2][\text{ClO}_4]_2 \cdot \text{H}_2\text{O}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 125-131.	1.1	39
26	Metal Basicity of Dirhodium and Diiridium Complexes Induced by Isocyanide Ligands. Model for the Oxidative-Addition Reaction of Methyl Iodide with Dinuclear Complexes. <i>Organometallics</i> , 1997, 16, 45-53.	1.1	39
27	Terminal Phosphanido Rhodium Complexes Mediating Catalytic $\text{P}=\text{C}$ and $\text{P}=\text{C}$ Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 472-475.	7.2	39
28	Dimetallic Dioxygen Activation Leading to a Doubly Oxygen-Bridged Dirhodium Complex. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3267-3271.	7.2	38
29	Structural studies of mesogenic orthopalladated imine derivatives. <i>Journal of Molecular Structure</i> , 1989, 196, 327-341.	1.8	37
30	Oxo Sulfido Heteronuclear Titanium-Rhodium Clusters with an Incomplete Doubly-Fused Cubane Structure. <i>Organometallics</i> , 1998, 17, 3414-3416.	1.1	37
31	Discrete Iridium Pyridonate Chains with Variable Metal Valence: Nature and Energetics of the Ir-Ir Bonding from DFT Calculations. <i>Inorganic Chemistry</i> , 2005, 44, 6536-6544.	1.9	36
32	Cyclopentadienylruthenium complexes with chelating diamines and diolefins. Crystal structures of $[\text{Ru}(\text{nb})(\text{PPh}_3)(\eta^5\text{-C}_5\text{H}_5)]\text{ClO}_4$ and $[\text{Ru}\{\eta^6\text{-C}_6\text{H}_5\text{Ph}_2\text{PO}\}(\eta^5\text{-C}_5\text{H}_5)]\text{ClO}_4$. A new mode of coordination of triphenylphosphine oxide. <i>Journal of Organometallic Chemistry</i> , 1983, 256, 331-347.	0.8	35
33	Formation of Diiridium(II) Complexes by Photoassisted Oxidative-Addition Reactions: Structure of a Stable Binuclear Iodo(iodomethyl)iridium(II) Complex. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 444-446.	4.4	35
34	Reactions of chloroform and gem-dichlorocarbons with binuclear rhodium complexes leading to functionalized methylene-bridged compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2123.	1.1	35
35	Deprotonation of $\text{Cp}_2\text{Ti}(\text{SH})_2$ with Mononuclear Rhodium and Iridium Compounds: A New Route to Trinuclear Early-Late Heterobimetallic Complexes. <i>Organometallics</i> , 1999, 18, 5299-5310.	1.1	35
36	Catalysis and Organometallic Chemistry of Rhodium and Iridium in the Oxidation of Organic Substrates. , 2006, , 97-124.		35

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37	Stabilization of the Hydroperoxido Ligand: A μ_2 - η^2 Dimetallic Coordination Mode. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2093-2096.	7.2	35
38	Selective Hydrogenation of Cinnamaldehyde and Other μ_2 -Unsaturated Substrates Catalyzed by Rhodium and Ruthenium Complexes. <i>Organometallics</i> , 2009, 28, 3193-3202.	1.1	35
39	[CpTi(η^3 -S) ₃ {Rh(tfbb)} ₃]: An early-late heterometallic complex as molecular model for the deactivation of metal sulphide catalysts. <i>Journal of Organometallic Chemistry</i> , 1996, 514, 103-110.	0.8	34
40	New Perspective on the Formation and Reactivity of Metal-Metal-Bonded Dinuclear Rhodium and Iridium Complexes. <i>Organometallics</i> , 1997, 16, 4718-4727.	1.1	34
41	Synthesis of Rhodium, Iridium, and Palladium Tetranuclear Complexes Directed by 2,6-Dimercaptopyridine. X-ray Crystal Structure of [Rh ₄ (η^4 -PyS ₂) ₂ (cod) ₄] (cod = 1,5-Cyclooctadiene). <i>Inorganic Chemistry</i> , 1996, 35, 1782-1791.	1.9	33
42	Terminal Imido Rhodium Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5614-5618.	7.2	33
43	Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging Ni-C-X (X=N, O, S) ligands. <i>Coordination Chemistry Reviews</i> , 1999, 193-195, 941-975.	9.5	31
44	Heterotrinnuclear angular aggregates of rhodium, iridium, palladium and Group 11 metals. X-Ray structure of the complex [(cod) ₂ Rh ₂ (μ_3 -C ₇ H ₄ NS ₂) ₂ Ag(O ₂ ClO ₂)](cod = cycloocta-1,5-diene). <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 255-262.	1.1	30
45	Bimetallic Reactivity of Dirhodium Compounds Leading to Functionalized Methylene-Bridged Compounds. <i>Organometallics</i> , 2001, 20, 1676-1682.	1.1	30
46	Crescent-Shaped Rhodium(I) Complexes with Bis(o-carboxymethylphenyl)triazene. <i>Inorganic Chemistry</i> , 2004, 43, 4719-4726.	1.9	30
47	Imidazolate bridged polynuclear rhodium(I) complexes. X-ray structure of [Rh(2-Meimidazolate)(CO) ₂] ₄ . <i>Journal of Organometallic Chemistry</i> , 1982, 224, 207-216.	0.8	29
48	New rhodium(I) complexes with the bridging 1,8-naphthyridine-2-one ligand. <i>Inorganica Chimica Acta</i> , 1984, 88, L9-L10.	1.2	29
49	Oxidation of Substrates by an Iridium Dioxxygen Complex: Intramolecular Oxidation of Carbon Monoxide and Activation of a Carbonyl Group by Attack of a Heterocyclic Nitrogen. <i>Organometallics</i> , 1995, 14, 4764-4775.	1.1	29
50	Oxidative-Addition of Organic Monochloro Derivatives to Dinuclear Iridium Complexes: The Detection of Tautomeric Equilibria and Their Implications on the Reactivity. <i>Organometallics</i> , 2000, 19, 4977-4984.	1.1	29
51	Oxidative-Addition of Organic Monochloro Derivatives to Dinuclear Rhodium Complexes: Mechanistic Considerations. <i>Organometallics</i> , 2000, 19, 4968-4976.	1.1	29
52	From Olefins to Ketones via a μ_2 -Rhodaoxetane Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2502-2505.	7.2	29
53	Encapsulation of Thallium(I) by Tetranuclear Rhodium or Iridium Complexes: Synthesis and Molecular Structure of Heterobimetallic Complexes Stabilized by σ - δ Bonding Interactions. <i>Inorganic Chemistry</i> , 1999, 38, 2482-2488.	1.9	28
54	1H-Pyrrolo[2,3-b]pyridine (HL) ligands in rhodium(I) and iridium(I) chemistry. Crystal and molecular structures of [Rh ₂ (μ -L) ₂ (nbd) ₂] and [Rh ₄ (μ -Cl) ₂ (μ -L) ₂ (μ -CO) ₂ (CO) ₂ (nbd) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 1891-1898.	1.1	27

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55	Oxidative-Addition Reactions of Diiodine to Dinuclear Rhodium Pyrazolate Complexes. <i>Inorganic Chemistry</i> , 1999, 38, 1108-1117.	1.9	27
56	Reversible C-H Bond Activation of a Bifunctional Phosphine Bridging Ligand across Two Unbonded Metal Centers. <i>Organometallics</i> , 2000, 19, 3115-3119.	1.1	27
57	2,2'-Bibenzimidazolate anions as bridging ligands in cationic heteronuclear gold(I)-rhodium(I) complexes. Crystal structure of $[(\text{Ph}_3\text{P})_2\text{Au}_2(\mu\text{-bbzim})\text{Rh}(\text{cod})][\text{ClO}_4]\cdot\text{CHCl}_3$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 323-330.	1.1	26
58	Preparation and X-ray structure of a trinuclear rhodium complex with the polydentate 1,8-naphthyridine-2-one (onapy) ligand: $[\text{Rh}_3(\mu_3\text{-onapy})_2(\text{CO})_2(\text{cod})_2](\text{ClO}_4)\cdot 1.5\text{C}_2\text{H}_4\text{Cl}_2$. <i>Inorganica Chimica Acta</i> , 1986, 111, L1-L3.	1.2	26
59	Synthesis and reactivity of binuclear 7-azaindolate complexes of iridium. <i>Journal of Organometallic Chemistry</i> , 1993, 445, 273-281.	0.8	26
60	Structures, Reactivity, and Catalytic Activity of Dithiolato-Bridged Heterobimetallic MRh (M = Pt, Pd) Complexes. <i>Organometallics</i> , 2002, 21, 2609-2618.	1.1	26
61	Stereoselective Oxidative Additions of Iodoalkanes and Activated Alkynes to a Sulfido-Bridged Heterotrimeric Early-Late (Tlr ₂) Complex. <i>Inorganic Chemistry</i> , 2003, 42, 3956-3964.	1.9	26
62	Unprecedented Hybrid Scorpionate/Phosphine Ligand Able To Be Anchored to Carbosilane Dendrimers. <i>Inorganic Chemistry</i> , 2005, 44, 9122-9124.	1.9	26
63	One-Electron versus Two-Electron Mechanisms in the Oxidative Addition Reactions of Chloroalkanes to Amido-Bridged Rhodium Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 2044-2053.	1.7	26
64	Dinuclear Rhodium and Iridium Complexes with Mixed Amido/Methoxo and Amido/Hydroxo Bridges. <i>Inorganic Chemistry</i> , 2002, 41, 2348-2355.	1.9	25
65	Structural and Dynamic Studies on Amido-Bridged Rhodium and Iridium Complexes. <i>Chemistry - A European Journal</i> , 2002, 8, 3128.	1.7	25
66	Protonation Reactions of Dinuclear Pyrazolato Iridium(I) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 4750-4758.	1.9	25
67	Cooperative Double Deprotonation of Bis(2-picoyl)amine Leading to Unexpected Bimetallic Mixed Valence (M^{I} , M^{II}) Rhodium and Iridium Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 7524-7534.	1.9	25
68	Gold(I) and platinum(II) azolates as ligands in cationic Rhodium(I) complexes. <i>Journal of Organometallic Chemistry</i> , 1981, 221, 249-255.	0.8	24
69	Synthesis and nuclear magnetic resonance studies of some ethylene and ethyltris(pyrazolyl)boratoiridium complexes. <i>Journal of Organometallic Chemistry</i> , 1993, 443, 249-252.	0.8	24
70	A Trithiol Proto-Ligand and Its Fixation to the Periphery of a Carbosilane Dendrimer as Scaffolds for Polynuclear Rhodium and Iridium Complexes and Metallodendrimers. <i>Organometallics</i> , 2005, 24, 5147-5156.	1.1	24
71	Stepwise Construction of Polynuclear Complexes of Rhodium and Iridium Assisted by Benzimidazole-2-thiol. NMR and X-ray Diffraction Studies. <i>Inorganic Chemistry</i> , 1996, 35, 4360-4368.	1.9	23
72	Unusual Tautomers in Dinuclear Metal Chemistry and Their Role in Oxidative-Addition Reactions of Chlorocarbons. <i>Organometallics</i> , 1998, 17, 1449-1451.	1.1	23

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73	Reactions of Phosphine Ligands with Iridium Complexes Leading to C(sp ³)-H Bond Activation. <i>Organometallics</i> , 2005, 24, 1105-1111.	1.1	23
74	Developing Synthetic Approaches with Non-Innocent Metalloligands: Easy Access to Ir ⁺ /Pd ⁰ and Ir ⁺ /Pd ⁰ /Ir ⁺ Cores. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8839-8843.	7.2	23
75	Thiocarbonylrhodium complexes with pyrazolate-type ligands. <i>Journal of Organometallic Chemistry</i> , 1981, 206, C14-C16.	0.8	22
76	Degradation and Oxidation of 1,1,1-Trichloroethane-Mediated Rhodium Compounds. A New Entry in the Synthesis of Bridging Vinylidene and η^1 -Chlorovinyl Complexes. <i>Organometallics</i> , 1994, 13, 4153-4155.	1.1	21
77	Novel Neutral and Anionic Rhodium Complexes Containing Imido Ligands. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 633-634.	4.4	21
78	Formation of a Bridging-Imido d ⁶ Rhodium Compound by Nitrene Capture. Insertion and Cycloaddition Reactions. <i>Inorganic Chemistry</i> , 2008, 47, 10220-10222.	1.9	21
79	2-Pyridonate (OPy) rhodium complexes. Crystal structure of [Rh(η^4 -OPy)(CO) ₂] ₂ ; a chain-forming complex with alternate short and long metal-metal distances. <i>Journal of Organometallic Chemistry</i> , 1989, 366, 377-389.	0.8	20
80	A Way to Novel Heterometallic Raft-like Clusters from Neutral Precursors. <i>Journal of the American Chemical Society</i> , 1997, 119, 6678-6679.	6.6	20
81	New Early Zirconium-Sulfido Metalloligands for Late Transition Metals; Synthesis and Reactivity of [Cp* ₂ Zr(SH) ₂] and [Cp* ₂ Zr(SH)(OTf)]. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 2047-2050.	1.0	20
82	Rhodium(I) indazole and indazolate complexes. <i>Journal of Organometallic Chemistry</i> , 1982, 240, 199-208.	0.8	19
83	Trinuclear iridium and rhodium complexes: the solution to a puzzle involving the multiple coordination possibilities of 1,8-naphthyridine-2-one ligands. <i>Inorganica Chimica Acta</i> , 1996, 250, 241-264.	1.2	19
84	Hydrogen Bonding and Isomerism Arising from the Coordination Modes of Bridging Benzimidazole-2-thiolate Ligands in Tetranuclear Rhodium Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 3954-3963.	1.9	19
85	A Hexanuclear Iridium Chain. <i>Angewandte Chemie</i> , 2003, 115, 547-550.	1.6	19
86	Reactions of triorganosilanes with tris- μ -(t-butyl isocyanide)-tris(t-butyl) Ir ₃ (CO) ₉ (isocyanide) ₃ and Ir ₃ (CO) ₉ (isocyanide) ₃ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1979, 1294-1300.	1.1	18
87	Bidentate amine N-oxides and phosphine oxides as ligands in rhodium(I) chemistry. <i>Journal of Organometallic Chemistry</i> , 1982, 240, 429-439.	0.8	18
88	Tri-, bi- and mononuclear rhodium complexes with the anionic polydentate ligands 1,8-naphthyridine-2-one and 5,7-dimethyl-1,8-naphthyridine-2-one. <i>Inorganica Chimica Acta</i> , 1986, 120, 43-48.	1.2	18
89	Binuclear dirhodium(I) complexes with phenyl(2-pyridyl)amido ligands. Crystal and molecular structure of [Rh(η^4 -N,N'-PhNPy)(nbd)] ₂ ·H ₂ O (nbd = 2,5-norbomadiene). <i>Inorganica Chimica Acta</i> , 1987, 128, 2119-125.		18
90	Bimetallic reactivity: unusual change in the coordination mode of the bridging ligands arising from an oxidative addition process. <i>Journal of Organometallic Chemistry</i> , 1994, 482, 53-62.	0.8	18

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91	Controlled Synthesis of Early-Late Zr-Ir-Rh Heterotrimetallic Compounds by Metal Exchange Reactions. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2769-2771.	7.2	18
92	8-Oxyquinolate iridium(I) complexes and their oxidative-addition reactions. <i>Journal of Organometallic Chemistry</i> , 1981, 205, 259-271.	0.8	17
93	Heteronuclear Rhodium, Palladium, Platinum, and Gold Organoimido Complexes from Dinuclear Organoamido Rhodium Precursors. <i>Chemistry - A European Journal</i> , 2004, 10, 708-715.	1.7	17
94	Tris(pyrazolyl)borate carbosilane dendrimers and metallodendrimers. <i>Dalton Transactions</i> , 2006, , 5287.	1.6	17
95	Easy Access to Hydride Chemistry on a Tripodal P-Based Rhodium Scaffold. <i>Organometallics</i> , 2012, 31, 2895-2906.	1.1	16
96	Synthesis and characterization of an unusual tetranuclear rhodium complex; X-ray molecular structure of $[\text{Rh}_4(\mu\text{-Cl})_2(\mu\text{-az})_2(\mu\text{-CO})_2(\text{CO})_2(\text{ncd})_2]$ (az = 7-aza-indolate; ncd = norborna-2,5-diene). <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 521-522.	2.0	15
97	Trinuclear aggregates of rhodium and iridium supported by thiolate bridges: synthesis and crystal structure. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1831-1837.	1.1	15
98	Reversible Formation of Raftlike Organoimidotetrahodium Clusters by the Migration of RhLn^+ Fragments. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1516-1518.	4.4	15
99	Coordination Features of a Hybrid Scorpionate/Phosphane Ligand Exemplified with Iridium. <i>Chemistry - A European Journal</i> , 2008, 14, 1897-1905.	1.7	15
100	Snapshots of a Reversible Metal-Ligand Two-Electron Transfer Step Involving Compounds Related by Multiple Types of Isomerism. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 512-519.	1.0	15
101	Cationic rhodium(I) complexes with diolefin and substituted pyridine N-oxides as ligands. <i>Journal of Organometallic Chemistry</i> , 1981, 217, 251-257.	0.8	14
102	2-Pyridonate (Opy) rhodium(I) carbonyl complexes. Crystal structure of the unusual tetranuclear complex $[\text{Rh}_4(\mu\text{-Opy})_4(\mu\text{-CO})_2(\text{CO})_4]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 981-984.	1.1	14
103	Chemical evidence of polynuclear intermediates in a ligand redistribution equilibrium between dinuclear rhodium complexes. X-ray structure of $[\text{Rh}_2(\mu\text{-bzta})_2(\text{CO})_3(\text{PPh}_3)]$ (bzta =) Tj ETQq1 1 0.784314 rgBT / Osberlock 10 Tf 50	1.0	14
104	Synthesis and reactivity of binuclear 7-aza-indolate complexes of iridium. <i>Journal of Organometallic Chemistry</i> , 1993, 445, 267-271.	0.8	14
105	Synthesis of Paramagnetic Tetranuclear Rhodium and Iridium Complexes with the 2,6-Pyridinedithiolate Ligand. Redox-Induced Degradation to Diamagnetic Triiridium Compounds. <i>Inorganic Chemistry</i> , 2001, 40, 4785-4792.	1.9	14
106	Rhodium, iridium and gold complexes of the short-bite ligand 1-benzyl-2-imidazolyl-diphenylphosphine. <i>Inorganica Chimica Acta</i> , 2003, 347, 129-136.	1.2	14
107	Connecting C≡C Bonds to Tetrairidium Chains. <i>Chemistry - A European Journal</i> , 2013, 19, 4707-4711.	1.7	14
108	Reactions of dimethyldivinylsilane, dimethyldivinyltin and allyltrimethyltin with diethylene (tertiary)	0.8	13

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109	Early (Ti, Zr)-late (Rh, Ir) heteronuclear complexes with bridging sulphido ligands. <i>Comptes Rendus Chimie</i> , 2003, 6, 47-57.	0.2	13
110	Rhodium Complexes in P-H Bond Activation Reactions. <i>Chemistry - A European Journal</i> , 2019, 25, 15915-15928.	1.7	13
111	Mono- and dinuclear cationic rhodium(I) complexes with phosphine oxides and related ligands. <i>Journal of Organometallic Chemistry</i> , 1982, 234, 205-217.	0.8	12
112	Rhodium(I) and iridium(I) complexes of 2,2'-dipyridylamine and its deprotonated form. <i>Inorganica Chimica Acta</i> , 1986, 115, 65-73.	1.2	12
113	Neuartige neutrale und anionische Rhodium-Komplexe mit Imidoliganden. <i>Angewandte Chemie</i> , 1996, 108, 707-709.	1.6	12
114	Rhodium Mediated C-H Bond Functionalisation Leading to Carboxylate Derivatives. <i>Chemistry - A European Journal</i> , 2010, 16, 11261-11265.	1.7	12
115	Terminal Imido Rhodium Complexes. <i>Angewandte Chemie</i> , 2014, 126, 5720-5724.	1.6	12
116	Trinuclear mixed-valence complexes with the linear [Rh ₃] ⁴⁺ core. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 689.	1.1	11
117	Energetics of the oxidative addition of I ₂ to [Ir(OC-L)(CO) ₂] ₂ (L=S t Bu, 3,5-Me ₂ pz,7-aza) complexes. X-ray structures of Ir(OC-S t Bu)(I)(CO) ₂ and [Ir(OC-3,5-Me ₂ pz)(I)(CO) ₂]. <i>Structural Chemistry</i> , 1996, 7, 337-354.	1.0	11
118	Peripheral SH-functionalisation of carbosilane dendrimers including the synthesis of the model compound dimethylbis(propanethiol)silane and their interaction with rhodium complexes. <i>Dalton Transactions</i> , 2005, , 3092.	1.6	11
119	Rhodium Complexes in P-C Bond Formation: Key Role of a Hydrido Ligand. <i>Journal of the American Chemical Society</i> , 2021, 143, 349-358.	6.6	11
120	Synthesis of mixed-metal trinuclear complexes. X-Ray crystal structure of [(cod) ₂ Rh ₂ (μ ₃ -C ₇ H ₄ NS ₂) ₂ AgO ₂ ClO ₂](cod = cyclo-octa-1,5-diene; C ₇ H ₄ NS ₂ = benzothiazole-2-thiolate). <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1737-1738.	2.0	10
121	Intervalent Bis(1/4-aziridinato)M ^{II} M ^I Complexes (M=Rh, Ir): Delocalized Metallo-Radicals or Delocalized Aminyl Radicals?. <i>Chemistry - A European Journal</i> , 2008, 14, 10985-10998.	1.7	10
122	Bi-edge condensation of imido-rhodium clusters leading to novel planar hexametallc structures. <i>Chemical Communications</i> , 1999, , 2387-2388.	2.2	9
123	Tetranuclear [Rh ₄ (1/4-PyS ₂) ₂ (diolefin) ₄] Complexes as Building Blocks for New Inorganic Architectures: Synthesis of Coordination Polymers and Heteropolynuclear Complexes with Electrophilic d ₈ and d ₁₀ Metal Fragments. <i>Inorganic Chemistry</i> , 2004, 43, 1558-1567.	1.9	9
124	Pseudotetrahedral Rhodium(I) Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 2732-2736.	1.7	9
125	Nucleophilicity and P-C Bond Formation Reactions of a Terminal Phosphanido Iridium Complex. <i>Inorganic Chemistry</i> , 2016, 55, 828-839.	1.9	9
126	Rhodium Complexes Promoting C-O Bond Formation in Reactions with Oxygen: The Role of Superoxo Species. <i>Chemistry - A European Journal</i> , 2017, 23, 5232-5243.	1.7	9

#	ARTICLE	IF	CITATIONS
127	Activating a Peroxo Ligand for C [∞] O Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3037-3041.	7.2	9
128	Diiridium(μ -I)Komplexe durch lichtunterstützte oxidative Additionsreaktionen: Struktur eines stabilen zweikernigen Iodo(iodmethyl)iridium(μ -I)Komplexes. <i>Angewandte Chemie</i> , 1987, 99, 452-453.	1.6	8
129	The unexpected formal insertion of a carbonyl group into a heterocyclic Ni–Ir bond. <i>Journal of Organometallic Chemistry</i> , 1994, 469, C31-C33.	0.8	8
130	Reversible Bildung eines Organoimido-tetrahodium-Clusters mit floßartiger Struktur durch Wanderung eines Rh _n ⁺ -Komplexfragmentes. <i>Angewandte Chemie</i> , 1996, 108, 1614-1616.	1.6	7
131	Aerobic Oxidation of Carbon Monoxide in a Tetrametallic Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 15250-15253.	1.7	7
132	Pseudo-tetrahedral Rhodium and Iridium Complexes: Catalytic Synthesis of <i>E</i> -Enynes. <i>Chemistry - A European Journal</i> , 2018, 24, 17545-17556.	1.7	7
133	Inner-Sphere Oxygen Activation Promoting Outer-Sphere Nucleophilic Attack on Olefins. <i>Chemistry - A European Journal</i> , 2019, 25, 14546-14554.	1.7	7
134	New thiocarbonyl iridium and rhodium complexes with azolate type ligands. <i>Transition Metal Chemistry</i> , 1985, 10, 28-29.	0.7	6
135	Rhodium-Rhodium Bonds in Edge-Sharing Coplanar Dinuclear Complexes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2336-2339.	7.2	6
136	Three-coordinate Rhodium Complexes in Low Oxidation States. <i>Chemistry - A European Journal</i> , 2020, 26, 3270-3274.	1.7	6
137	Agostic versus Terminal Ethyl Rhodium Complexes: A Combined Experimental and Theoretical Study. <i>Organometallics</i> , 2016, 35, 799-808.	1.1	5
138	Reactivity of [TiM ₂] (M = Rh, Ir) and [TiIr ₃] early-late heterobimetallic sulfido-bridged clusters. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 123-134.	0.8	4
139	Rhodium-tetranuclear complexes as building blocks for the construction of coordination polymers: chiroselectivity in the formation of [ClCuRh ₄ (μ -PyS ₂) ₂ (cod) ₄] _n (H ₂ PyS ₂ = 2,6-dimercaptopyridine). <i>CrystEngComm</i> , 2000, 2, 125-127.	1.3	2
140	Activating a Peroxo Ligand for C [∞] O Bond Formation. <i>Angewandte Chemie</i> , 2019, 131, 3069-3073.	1.6	2
141	Rhodium–Rhodium Bonds in Edge-Sharing Coplanar Dinuclear Complexes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2336-2339.	7.2	1
142	Early (Ti, Zr)-late (Rh, Ir) Heteronuclear Complexes with Bridging Sulfido Ligands. <i>ChemInform</i> , 2004, 35, no.	0.1	0
143	Frontispiece: Rhodium Complexes Promoting C [∞] O Bond Formation in Reactions with Oxygen: The Role of Superoxo Species. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0