

M Esther Garcia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6790642/publications.pdf>

Version: 2024-02-01

162
papers

3,020
citations

172386

29
h-index

302012

39
g-index

164
all docs

164
docs citations

164
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimolybdenum and Ditungsten Cyclopentadienyl Carbonyls with Electron-Rich Phosphido Bridges. Synthesis of the Hydrido Phosphido Complexes $[M_2Cp_2(\eta^5-H)(\eta^5-PRR^{\ominus})(CO)_4]$ and Unsaturated Bis(phosphido) Complexes $[M_2Cp_2(\eta^5-PR_2)(\eta^5-PR^{\ominus}R^{\ominus})(CO)_x]$ ($x = 1, 2$; R, R^{\ominus} , $R^{\ominus}R^{\ominus} = Et, Cy, tBu$). <i>Organometallics</i> , 2002, 21, 5515-5525.	1.1	79
2	Structure and Bonding in the Unsaturated Hydride- and Hydrocarbyl-Bridged Complexes $[Mo_2(\eta^5-C_5H_5)_2(\eta^5-X)(\eta^5-PCy_2)(CO)_2]$ ($X = H, CH_3, CH_2Ph, Ph$). Evidence for the Presence of π -Agostic and δ -Bonding Interactions. <i>Organometallics</i> , 2007, 26, 6197-6212.	1.1	63
3	Phosphinidene-bridged binuclear complexes. <i>Coordination Chemistry Reviews</i> , 2017, 330, 1-36.	9.5	61
4	A Versatile and Unprecedented Triply Bonded Dimolybdenum Carbonyl Anion. <i>Organometallics</i> , 2003, 22, 1983-1985.	1.1	58
5	Formation and Cleavage of $P\equiv C$, $Mo\equiv C$, and $C\equiv H$ Bonds Involving Arylphosphinidene and Cyclopentadienyl Ligands at Dimolybdenum Centers. <i>Organometallics</i> , 2006, 25, 4857-4869.	1.1	57
6	Crystal chemistry of cadmium-zinc ferrites. <i>Journal of Solid State Chemistry</i> , 1988, 77, 275-280.	1.4	54
7	High Yield Synthesis and Reactivity of a Phosphinidene Bridged Dimolybdenum Complex. <i>Journal of the American Chemical Society</i> , 2002, 124, 14304-14305.	6.6	50
8	A Triply Bonded Dimolybdenum Hydride Complex with Acid, Base and Radical Activity. <i>Organometallics</i> , 2005, 24, 7-9.	1.1	48
9	$M\equiv P$ versus MM Bonds as Protonation Sites in the Organophosphide-Bridged Complexes $[M_2Cp_2(\eta^5-PR_2)(\eta^5-PR^{\ominus}R^{\ominus})(CO)_2]$, ($M = Mo, W$; R, $R^{\ominus} = Ph, Et, Cy$). <i>Inorganic Chemistry</i> , 2006, 45, 6965-6978.	1.1	44
10	Oxidative Additions of Coordinated Ligands at Unsaturated Molybdenum and Tungsten Diphosphine-Bridged Carbonyl Dimers. 1. Decarbonylation Reactions of $[W_2(\eta^5-C_5H_5)_2(CO)_4(\eta^5-R_2PCH_2PR_2)]$ ($R = Ph, Me$). <i>Organometallics</i> , 1997, 16, 354-364.	1.1	42
11	Protonation Reactions on the Binuclear Complexes $[W_2Cp_2(CO)_n(\eta^5-L_2)]$ [$L_2 = Ph_2PCH_2PPh_2, Me_2PCH_2PMe_2$; $n = 2, 4$]. Chemical Behavior of Their Hydrido and Hydroxycarbyne Derivatives. <i>Organometallics</i> , 1999, 18, 634-641.	1.1	41
12	Chemistry of Unsaturated Group 6 Metal Complexes with Bridging Hydroxy and Methoxycarbyne Ligands. 1. Synthesis, Structure, and Bonding of 30-Electron Complexes. <i>Organometallics</i> , 2007, 26, 4930-4941.	1.1	40
13	O-Protonation at a Neutral Ditungsten Carbonyl Dimer to Give a Stable Hydroxycarbyne Complex. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 102-104.	4.4	38
14	Dimolybdenum π -Tin Derivatives of the Unsaturated Hydride $[Mo_2(\eta^5-C_5H_5)_2(\eta^5-H)(\eta^5-PCy_2)(CO)_2]$ and $HSnR_3$ ($R = Ph, Bu$): π Bridging versus Terminal Coordination of the Triorganostannyl Group. <i>Organometallics</i> , 2006, 25, 5374-5380.	1.1	38
15	Reactivity of the Unsaturated Hydride $[Mo_2(\eta^5-C_5H_5)_2(\eta^5-H)(\eta^5-PCy_2)(CO)_2]$ toward P-Donor Bidentate Ligands and Unsaturated N-Containing Organic Molecules. <i>Organometallics</i> , 2007, 26, 1461-1472.	1.1	38
16	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 56. Synthesis of iron π -molybdenum compounds; crystal structures of $[FeMo(\mu-CR)(CO)_6(\eta^5-C_5H_5)]$ and $[FeMo_2(\mu_3-RC_2R)(CO)_6(\eta^5-C_5H_5)_2]$ ($R = C_6H_4Me-4$). <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 1209-1214.	1.1	36
17	High-Yield Synthesis and Reactivity of Stable Diiron Complexes with Bent-Phosphinidene Bridges. <i>Organometallics</i> , 2005, 24, 5503-5505.	1.1	36
18	Chemistry of Unsaturated Group 6 Metal Complexes with Bridging Hydroxy- and Methoxycarbyne Ligands. 2. Synthesis, Structure, and Bonding of 32- and 34-Electron Complexes. <i>Organometallics</i> , 2007, 26, 5912-5921.	1.1	36

#	ARTICLE	IF	CITATIONS
19	Alkenyl Derivatives of the Unsaturated Dimolybdenum Hydride Complex [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -H)(η^1 -PCy ₂)(CO) ₂] ₂ Organometallics, 2007, 26, 5454-5467.		26
20	Ten-Electron Coordination and Reactivity of an Arylphosphinidene Ligand. Journal of the American Chemical Society, 2003, 125, 13044-13045.	6.6	35
21	Reactions of the phosphinidene-bridged complexes [Fe ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -PR)(η^1 -CO)(CO) ₂] (R = Cy, Ph) with electrophiles based on p-block elements. Dalton Transactions, 2012, 41, 14498.	1.6	34
22	Reversible intramolecular carbon-hydrogen oxidative addition of cyclopentadienyl ligands at ditungsten(I) centers. A general intermediate step in the way to unsaturated dimetal cyclopentadienyl carbonyl complexes?. Journal of the American Chemical Society, 1993, 115, 3786-3787.	6.6	32
23	Oxidative Additions of Coordinated Ligands at Unsaturated Molybdenum and Tungsten Diphosphine-Bridged Carbonyl Dimers. 2. Decarbonylation Reactions of [Mo ₂ (η^5 -C ₅ H ₄ R) ₂ (CO) ₄ (η^1 -Ph ₂ PCH ₂ PPh ₂)] (R = H, Me). Organometallics, 1997, 16, 624-631.	1.1	32
24	Chemical and Structural Effects of Bulkness on Bent-Phosphinidene Bridges: Synthesis and Reactivity of the Diiron Complex [Fe ₂ Cp ₂ (η^1 -P(2,4,6-C ₆ H ₂ tBu ₃))(η^1 -CO)(CO) ₂]. Organometallics, 2010, 29, 1875-1878.	1.1	32
25	Reactions of the Phosphinidene-Bridged Complexes [Fe ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -PR)(η^1 -CO)(CO) ₂] (R = Cy, Ph, 2,4,6-C ₆ H ₂ tBu ₃) with Diazoalkanes. Formation and Rearrangements of Phosphadiazadiene-Bridged Derivatives. Organometallics, 2010, 29, 5149-5153.	1.1	32
26	Chemistry of the Phosphinidene Oxide Ligand. Journal of the American Chemical Society, 2004, 126, 13610-13611.	6.6	31
27	Binuclear Carbyne and Ketenyl Derivatives of the Alkyl-Bridged Complexes [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -CH ₂ R)(η^1 -PCy ₂)(CO) ₂] (R = H, Ph). Organometallics, 2011, 30, 2189-2199.		
28	Chemistry of Highly Electrophilic Binuclear Cations. 1. Oxidation Reactions of [M ₂ (η^5 -C ₅ H ₅) ₂ (CO) ₄ (η^1 -Ph ₂ PCH ₂ PPh ₂)] (M = Mo, W) with [FeCp ₂]X (X = BF ₄ , PF ₆). Organometallics, 1999, 18, 4509-4517.	1.1	30
29	Diphenylphosphide-Bridged Diiron Derivatives of [Fe ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -H)(η^1 -PPh ₂)(CO) ₂]. Organometallics, 2004, 23, 4750-4758.	1.1	30
30	Reactive Hydroxo and Hydroxycarbyne Cyclopentadienyl Complexes. Proton Transfer and Oxidative Addition of O-H Bonds at Unsaturated Ditungsten Centers. Journal of the American Chemical Society, 1999, 121, 1960-1961.	6.6	29
31	Reactivity of the Unsaturated Hydride [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -H)(η^1 -PCy ₂)(CO) ₂] toward 17- and 16-Electron Metal Carbonyl Fragments: A Rational Synthesis of Electron-Deficient Heterometallic Clusters. Organometallics, 2007, 26, 321-331.	1.1	29
32	Migration and Insertion Processes in the Reactions of the Hydrocarbyl-Bridged Unsaturated Complexes [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -R)(η^1 -PCy ₂)(CO) ₂] (R = Me, CH ₂ Ph, Ph) with CO and NO. Organometallics, 2009, 28, 6293-6307.	1.1	29
33	Oxidation Reactions of the Phosphinidene Oxide Ligand. Journal of the American Chemical Society, 2005, 127, 15012-15013.	6.6	28
34	Chemistry of Unsaturated Group 6 Metal Complexes with Bridging Hydroxy and Methoxycarbyne Ligands. 4. Carbonyl, Isocyanide, and Diphosphine Derivatives of the Complexes [M ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -COMe)(η^1 -PR) ₂][BF ₄] ₂ (M = W, R = Ph; M = Mo, R = Et). Organometallics, 2008, 27, 3879-3891.	1.1	28
35	Reactivity of the Carbyne Complexes [W ₂ (η^1 -COR)(η^5 -C ₅ H ₅) ₂ (CO) ₂ (η^1 -Ph ₂ PCH ₂ PPh ₂)] ⁺ (R = H, Me) toward Diazomethane. Organometallics, 2002, 21, 1177-1183.	1.1	27
36	Proton induced $\text{P}\equiv\text{H}$ and $\text{Mo}\equiv\text{H}$ bond activation at the phosphide bridged dimolybdenum complexes [Mo ₂ Cp ₂ (η^1 -H)(η^1 -PHR)(CO) ₄] (R = Cy, 2,4,6-C ₆ H ₂ R ₃ ; R ₂ = H, Me, tBu). Dalton Transactions, 2004, , 4168-4179.	1.6	27

#	ARTICLE	IF	CITATIONS
37	Reactivity of the η^5 -Agostic Methyl Bridge in the Unsaturated Complex $[\text{Mo}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C(CH}_3)_2\text{-PCy}_2)(\text{CO})_2]$: Migratory Behavior and Methyldiyne Derivatives. <i>Organometallics</i> , 2008, 27, 1973-1975.	1.1	27
38	Synthesis of the triply-bonded dimolybdenum anions $[\text{Mo}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-PA}_2)(\eta^1\text{-CO})_2]^-$ (A = Cy, Et, Ph, OEt): unsaturated hydride and carbyne derivatives. <i>Dalton Transactions</i> , 2009, , 8171.	1.6	27
39	Dehydrogenative Formation and Reactivity of the Unsaturated Benzyldiyne-Bridged Complex $[\text{Mo}_2\text{Cp}_2(\eta^1\text{-CPh})(\eta^1\text{-PCy}_2)(\eta^1\text{-CO})]$: $\text{C}\equiv\text{C}$ and $\text{C}\equiv\text{P}$ Coupling Reactions. <i>Organometallics</i> , 2010, 29, 710-713.	1.1	27
40	Activation of $\text{H}\equiv\text{H}$ and $\text{H}\equiv\text{O}$ Bonds at Phosphorus with Diiron Complexes Bearing Pyramidal Phosphinidene Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 3698-3706.	1.9	27
41	$[\text{Mo}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-PPh}_2)(\text{CO})_4]$, a Reactive 33-Electron Binuclear Radical. <i>Journal of the American Chemical Society</i> , 1999, 121, 4060-4061.	6.6	26
42	Formation and Cleavage of $\text{C}\equiv\text{C}$, $\text{C}\equiv\text{O}$, and $\text{O}\equiv\text{H}$ Bonds Involving Methoxycarbyne and Hydroxycarbyne Ligands at Unsaturated Dimolybdenum Complexes. <i>Organometallics</i> , 2005, 24, 4122-4124.	1.1	26
43	Chemistry of Unsaturated Group 6 Metal Complexes with Bridging Hydroxy and Methoxycarbyne Ligands. 3. Formation and Cleavage of $\text{C}\equiv\text{C}$ and $\text{C}\equiv\text{O}$ Bonds in the Reactions of the Complexes $[\text{M}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C-COMe})(\eta^1\text{-COR})(\eta^1\text{-PCy}_2)_2]\text{BF}_4$ (R = Me, Et). <i>Organometallics</i> , 2008, 27, 543-554.	1.1	26
44	Enhanced Nucleophilic Behavior of a Dimolybdenum Phosphinidene Complex: Multicomponent Reactions with Activated Alkenes and Alkynes in the Presence of CO or CNXyl. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6383-6387.	7.2	26
45	Nucleophilic and Electrophilic Behavior of the Phosphinidene-Bridged Complex $[\text{Fe}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C-COMe})(\eta^1\text{-PCy}_2)(\eta^1\text{-CO})(\text{CO})_2]$. <i>Organometallics</i> , 2008, 27, 1037-1040.		25
46	A Highly Electrophilic Unsaturated Tungsten Dication. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1156-1157.	4.4	24
47	Chemistry of Highly Electrophilic Binuclear Cations. 2. Oxidation Reactions of $[\text{W}_2(\eta^5\text{-C}_5\text{H}_5)_2(\text{CO})_4(\eta^1\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$ with $[\text{FeCp}_2][\text{B}\{3,5\text{-C}_6\text{H}_3(\text{CF}_3)_2\}_4]$. <i>Organometallics</i> , 2003, 22, 456-463.	1.1	24
48	Multisite Reactivity of the Unsaturated Methoxycarbyne Complex $[\text{M}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C-COMe})(\eta^1\text{-PCy}_2)(\eta^1\text{-CO})_2]$. <i>Organometallics</i> , 2008, 27, 169-171.		24
49	Chemistry of the Oxophosphinidene Ligand. 1. Electronic Structure of the Anionic Complexes $[\text{MCp}\{\text{P}(\text{O})\text{R}^*\}(\text{CO})_2]^-$ (M = Mo, W; R* =) $\text{Ti}(\text{Cp})_2(\text{CO})_2$ and $\text{Zr}(\text{Cp})_2(\text{CO})_2$. <i>Inorganic Chemistry</i> , 2010, 49, 8962-8976.	1.9	24
50	Insertion, Rearrangement, and Coupling Processes in the Reactions of the Unsaturated Hydride Complex $[\text{W}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C-COMe})(\eta^1\text{-PCy}_2)(\text{CO})_2]$ with Isocyanides. <i>Organometallics</i> , 2013, 32, 4543-4555.	1.1	24
51	$\text{C}\equiv\text{C}$ and $\text{C}\equiv\text{P}$ Coupling Processes in the Reactions of the Phosphinidene-Bridged Complex $[\text{Fe}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C-COMe})(\eta^1\text{-PCy}_2)(\eta^1\text{-CO})(\text{CO})_2]$ with Alkynes. <i>Organometallics</i> , 2013, 32, 4601-4611.		24
52	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 64. Addition of methylene groups to iron-molybdenum complexes; crystal structures of $[\text{FeMo}(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C(C}_6\text{H}_4\text{Me-4)CH}_2)(\text{CO})_5(\eta^1\text{-C}_5\text{H}_5)]$ and $[\text{FeMo}(\eta^5\text{-C}_5\text{H}_5)_2(\eta^1\text{-C(C}_6\text{H}_4\text{Me-4)C(OMe)C(H)})(\text{CO})_5(\eta^1\text{-C}_5\text{H}_5)]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2201-2209.	1.1	23
53	Oxidative Additions of Coordinated Ligands at Unsaturated Molybdenum and Tungsten Diphosphine-Bridged Carbonyl Dimers. 3. Decarbonylation Reactions of $[\text{MoW}(\eta^5\text{-C}_5\text{H}_5)_2(\text{CO})_4(\eta^1\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$. <i>Organometallics</i> , 1997, 16, 1378-1383.	1.1	23
54	Oxidative Additions of Coordinated Ligands at Unsaturated Molybdenum and Tungsten Diphosphine-Bridged Carbonyl Dimers. 4. Decarbonylation Reactions of $[\text{M}_2(\eta^5\text{-C}_5\text{H}_5)_2(\text{CO})_4(\eta^1\text{-EtO})_2\text{POP}(\text{OEt})_2]$ (M = Mo, W). <i>Organometallics</i> , 1997, 16, 2581-2589.	1.1	23

#	ARTICLE	IF	CITATIONS
55	Synthesis and Reactivity of the Triply Bonded Binuclear Anion $[\text{W}(\mu\text{-C}(\text{H})\text{H})_2(\mu\text{-PCy}_2)(\mu\text{-CO})_2]^{2-}$. Tungsten Makes a Difference. <i>Organometallics</i> , 2010, 29, 512-515.	1.9	23
56	Heterometallic Derivatives of the Unsaturated Methyl-Bridged Complex $[\text{Mo}(\mu\text{-C}(\text{H})\text{H})_2(\mu\text{-CH}_3)(\mu\text{-PCy}_2)(\text{CO})_2]^{2-}$. Photochemical Generation of Methylidyne-Bridged Clusters. <i>Organometallics</i> , 2010, 29, 904-916.	1.9	23
57	Dimolybdenum Cyclopentadienyl Complexes with Bridging Chalcogenophosphinidene Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 7810-7824.	1.9	23
58	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 57. Reactions of iron-molybdenum complexes with oxygen and sulphur; crystal structure of $[\text{FeMo}(\mu\text{-SCC}_6\text{H}_4\text{Me-4})(\text{CO})_5(\mu\text{-C}_5\text{H}_5)]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 1215-1219.	1.1	22
59	$\mu\text{-C}$ and $\mu\text{-H}$ Bond Cleavages in the Photochemical Reactions of $[\text{Fe}_2(\mu\text{-C}_5\text{H}_5)_2(\text{CO})_4]$ with Bis(diphenylphosphino)methane. <i>Organometallics</i> , 2003, 22, 5504-5512.	1.1	22
60	Carbene- and Carbyne-like Behavior of the Mo-P Multiple Bond in a Dimolybdenum Complex Inducing Trigonal-Pyramidal Coordination of a Phosphinidene Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 6230-6232.	1.9	22
61	Structure, Bonding, and Reactivity of Binuclear Complexes Having Asymmetric Trigonal Phosphinidene Bridges: Addition of 16-Electron Metal Carbonyl Fragments to the Dimolybdenum Compounds $[\text{Mo}_2\text{Cp}(\mu\text{-P}^1\text{-C}_5\text{H}_4)(\text{CO})_2\text{L}]$ and $[\text{Mo}_2\text{Cp}_2(\mu\text{-PH})(\text{CO})_2\text{L}]$ (L = $\mu\text{-1,3,5-C}_6\text{H}_3\text{tBu}_3$). <i>Organometallics</i> , 2010, 29, 4384-4395.	1.1	22
62	Chemistry of Highly Electrophilic Binuclear Cations. 3. Reactivity of $[\text{W}_2(\mu\text{-C}_5\text{H}_5)_2(\mu\text{-CO})(\text{CO})_2(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)][\text{B}\{3,5\text{-C}_6\text{H}_3(\text{CF}_3)_2\}_4]_2$ toward Small Donor Molecules. <i>Organometallics</i> , 2004, 23, 433-440.	1.1	21
63	Low-Temperature $\mu\text{-O}$ Bond Cleavage in Nitrosyl Ligands Induced by the Unsaturated Dimolybdenum Anion $[\text{Mo}(\mu\text{-C}(\text{H})\text{H})_2(\mu\text{-PPh}_2)(\mu\text{-CO})_2]^{2-}$. <i>Inorganic Chemistry</i> , 2009, 48, 9282-9293.	1.9	21
64	Mild P^4 Activation To Give an Anionic Diphosphorus Complex with a Dual Binding Ability at a Single P Site. <i>Inorganic Chemistry</i> , 2011, 50, 2064-2066.	1.9	21
65	A Thiophosphinidene Complex as a Vehicle in Phosphinidene Transmetalation: Easy Formation and Cleavage of a $\mu\text{-S}$ Bond. <i>Inorganic Chemistry</i> , 2011, 50, 10561-10563.	1.9	21
66	Chemistry of the Oxophosphinidene Ligand. 2. Reactivity of the Anionic Complexes $[\text{MCp}\{\text{P}(\text{O})\text{R}^*\}(\text{CO})_2]^{2-}$ ($\text{M} = \text{Mo}, \text{W}; \text{R}^* = \text{tj ETQqO O O rgBT /Overlock 10 Tf 50 302 Td (2,4,6-C}_6\text{H}_3\text{tBu}_3\text{)}$). Elements Different from Carbon.. <i>Inorganic Chemistry</i> , 2010, 49, 11595-11605.	1.9	20
67	Synthesis and Decarbonylation Reactions of Diiron Cyclopentadienyl Complexes with Bent-Phosphinidene Bridges. <i>Organometallics</i> , 2011, 30, 1102-1115.	1.1	20
68	Electronic Structure and Reactivity of the Carbyne-Bridged Dimolybdenum Radical $[\text{Mo}(\mu\text{-C}(\text{H})\text{H})_2(\mu\text{-CPh})(\mu\text{-PCy}_2)(\mu\text{-CO})_2]^{2+}$. <i>Organometallics</i> , 2013, 32, 218-231.	1.1	20
69	Auophilic Self-Assembly of a Mo_4Au_2 Phosphinidene Complex with an Unprecedented H-Shaped Planar Metal Core. <i>Inorganic Chemistry</i> , 2008, 47, 7963-7965.	1.9	19
70	C-H Cleavages in the Photoreactions of $[\text{M}_2(\mu\text{-C}_5\text{H}_5)_2(\text{CO})_6]$ ($\text{M} = \text{Mo}, \text{W}$): Isolation and Characterization of the V-Shaped Trinuclear Clusters $[\text{M}_2\text{M}'(\mu\text{-C}_5\text{H}_4)(\mu\text{-C}_5\text{H}_5)_2(\text{CO})_6]$ ($\text{M}, \text{M}' = \text{Mo}$ or W). <i>Journal of the American Chemical Society</i> , 1995, 117, 1324-1335.	6.6	18
71	Chemistry of Highly Electrophilic Binuclear Cations. 4. Synthesis and Reactivity of the Dinuclear Radicals $[\text{M}_2(\mu\text{-C}_5\text{H}_5)_2(\mu\text{-CO})_2(\mu\text{-L}_2)][\text{B}\{3,5\text{-C}_6\text{H}_3(\text{CF}_3)_2\}_4]$ ($\text{M} = \text{Mo}, \text{W}; \text{L}_2 = \text{Ph}_2\text{PCH}_2\text{PPh}_2$). <i>Journal of the American Chemical Society</i> , 1995, 117, 1336-1344.	1.1	18
72	Formation of $\mu\text{-H}$, $\mu\text{-C}$, and $\mu\text{-H}$ Bonds by Hydride Attack on a Electrophilic Phosphide-Bridged Dimolybdenum Complex. Trapping the Phosphinidene Ligand with Borane. <i>Organometallics</i> , 2007, 26, 466-468.	1.1	18

#	ARTICLE	IF	CITATIONS
91	Structural and Chemical Effects of the μ_2 -Bu Bridge at Unsaturated Dimolybdenum Complexes Having Hydride and Hydrocarbyl Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 11336-11351.	1.9	13
92	Mononuclear carbonyl manganese(I) and molybdenum(II) complexes with chelating biimidazole, benzimidazole or tetramethylbiimidazole ligands. <i>Journal of Organometallic Chemistry</i> , 1986, 307, 39-47.	0.8	12
93	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 78. Reactions of $[\text{MoFe}(\mu\text{-C}_6\text{H}_4\text{Me-4})(\text{CO})_6(\text{i-C}_5\text{H}_5)]$ with alkynes; crystal structures of $[\text{MoFe}\{\mu\text{-C}(\text{C}_6\text{H}_4\text{Me-4})\text{C}(\text{O})\text{C}(\text{Et})\text{C}(\text{Et})\}(\mu\text{-CO})(\text{CO})_4(\text{i-C}_5\text{H}_5)]$ and $[\text{MoFe}\{\mu\text{-C}(\text{C}_6\text{H}_4\text{Me-4})\text{C}(\text{Me})\text{C}[\text{C}(\text{O})\text{Me}]\}(\text{CO})_5(\text{i-C}_5\text{H}_5)]$. <i>Journal of the Chemical Society Dalton</i>	1.1	12
94	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 69. Reactions of $[\text{MoW}\{\mu\text{-C}(\text{C}_6\text{H}_4\text{Me-4})(\text{CO})_7(\text{i-C}_5\text{H}_5)\}]$ with but-2-yne; crystal structures of $[\text{MoW}\{\mu\text{-C}(\text{C}_6\text{H}_4\text{Me-4})\text{C}(\text{Me})\text{C}(\text{Me})\}(\text{CO})_3(\text{i-MeC}_2\text{Me})_2(\text{i-C}_5\text{H}_5)]$ and $[\text{MoW}\{\mu\text{-C}(\text{C}_6\text{H}_4\text{Me-4})\text{C}(\text{i-CH}_2)\text{C}(\text{H})\text{MeC}(\text{O})\}(\text{CO})_6(\text{i-C}_5\text{H}_5)]\cdot 0.5\text{CH}_2\text{Cl}_2$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 207-214.	1.1	12
95	Chemical and Electrochemical Oxidation of Diphenylphosphide-Bridged Hydrides $[\text{M}_2(\text{i-5-C}_5\text{H}_5)_2(\text{i}^{1/4}\text{-H})(\text{i}^{1/4}\text{-PPh}_2)(\text{CO})_4]$ and Anions $[\text{M}_2(\text{i-5-C}_5\text{H}_5)_2(\text{i}^{1/4}\text{-PPh}_2)(\text{CO})_4]^-$ (M = Mo, W). <i>Organometallics</i> 2005, 24, 650-658.		12
96	Mild $\text{P}=\text{P}$ Bond Cleavage in the Methylidiphosphenyl Complex $[\text{Mo}_2\text{Cp}_2(\text{i}^{1/4}\text{-PCy}_2)(\text{i}^{1/4}\text{-P}(\text{i}^{\text{Pr}})_2)_2\text{P}(\text{Me})(\text{CO})_2]$ To Give Novel Phosphide-Bridged Trinuclear Derivatives. <i>Inorganic Chemistry</i> , 2014, 53, 11261-11273.		12
97	Reactions of the Unsaturated Ditungsten Anion $[\text{W}_2\text{Cp}_2(\text{i}^{1/4}\text{-PCy}_2)(\text{i}^{1/4}\text{-CO})_2]^+$ with C- and P-Based Electrophiles. <i>Organometallics</i> , 2015, 34, 870-878.	1.1	12
98	Mild $\text{N}=\text{O}$ Bond Cleavage Reactions of a Pyramidalized Nitrosyl Ligand Bridging a Dimolybdenum Center. <i>Inorganic Chemistry</i> , 2015, 54, 10536-10538.	1.9	12
99	Methylene, oxygen, and sulphur addition to a μ -alkylidyne ligand in an iron-molybdenum complex: X-ray crystal structures of $[\text{FeMo}\{\mu\text{-f, i-C}(\text{C}_6\text{H}_4\text{Me-4})\text{i-CH}_2\}(\mu\text{-CH}_2)(\text{CO})_5(\text{i-C}_5\text{H}_5)]$, $[\text{FeMo}\{\mu\text{-i-3-C}(\text{C}_6\text{H}_4\text{Me-4})\text{C}(\text{OMe})\text{C}(\text{H})\}(\text{CO})_5(\text{i-C}_5\text{H}_5)]$, and $[\text{FeMo}\{\mu\text{-i-SC}(\text{C}_6\text{H}_4\text{Me-4})\}(\text{CO})_5(\text{i-C}_5\text{H}_5)]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 802-804.	2.0	11
100	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 61. Reactions of iron-molybdenum compounds with tertiary phosphines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 1243-1247.	1.1	11
101	Unusual Reactivity of the Unsaturated Dimolybdenum Complex $[\text{Mo}_2(\text{i-5-C}_5\text{H}_5)_2\{\text{i}^{1/4}\text{-OP}(\text{OEt})_2\}\{\text{i}^{1/4}\text{-P}(\text{OEt})_2\}(\text{CO})_2]$. <i>Organometallics</i> , 2003, 22, 2741-2748.	1.1	11
102	Low-Temperature $\text{N}=\text{O}$ Bond Cleavage of Nitrogen Monoxide in Heterometallic Carbonyl Complexes. An Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2008, 47, 10644-10655.	1.9	11
103	Reactions of the Unsaturated Complex $[\text{Mo}_2(\text{i-C}_5\text{H}_5)_2\text{C}_5\text{H}_5(\text{i}^{1/4}\text{-PEt}_2)_2(\text{CO})_2]^+$ with $[\text{Au}(\text{PR}_3)_3]^+$ Cations: Kinetic Preference of the $\text{Mo}=\text{P}$ Bonds as the Site of Attack of the Gold(I) Electrophile. <i>Inorganic Chemistry</i> , 2009, 48, 9767-9778.	1.9	11
104	The doubly-bonded ditungsten anion $[\text{W}_2\text{Cp}_2(\text{i}^{1/4}\text{-PPh}_2)(\text{NO})_2]^+$: an entry to the chemistry of unsaturated nitrosyl complexes. <i>Dalton Transactions</i> , 2016, 45, 13300-13303.	1.6	11
105	$\text{E}=\text{H}$ Bond Activation and Insertion Processes in the Reactions of the Unsaturated Hydride $[\text{W}_2\text{Cp}_2(\text{i}^{1/4}\text{-H})(\text{i}^{1/4}\text{-PPh}_2)(\text{NO})_2]$. <i>Inorganic Chemistry</i> , 2018, 57, 2228-2241.	1.9	11
106	Reactivity of the unsaturated dimolybdenum anion $[\text{Mo}_2(\text{i-5-C}_5\text{H}_5)_2(\text{i}^{1/4}\text{-PCy}_2)(\text{i}^{1/4}\text{-CO})_2]^-$ towards electrophiles based on p- and d-block elements. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 36-44.	0.8	10
107	Protonation reactions of the oxo complex <i>cis</i> - $[\text{Mo}_2(\text{i-5-C}_5\text{H}_5)_2(\text{O})(\text{i}^{1/4}\text{-PPh}_2)_2(\text{CO})]$. Hydroxo and tetrafluoroborate derivatives. <i>Journal of Organometallic Chemistry</i> , 2012, 699, 67-74.	0.8	10
108	Reactions of the Unsaturated Ditungsten Complexes $[\text{W}_2\text{Cp}_2(\text{i}^{1/4}\text{-PPh}_2)_2(\text{CO})_2]^+$ ($\text{i}^{\text{Pr}} = \text{Tj}$) with Nitrite Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 4739-4750.		10

#	ARTICLE	IF	CITATIONS
127	Novel Dimerization of Maleic Anhydride at a Mo ₂ Complex: Phase-Driven Keto/Enol Tautomerism in a Phosphinidenium-ylide Complex. <i>Organometallics</i> , 2013, 32, 6178-6181.	1.1	7
128	Stepwise hydrogenation of an arylthiophosphinidene isocyanide complex to give tethered aldimine and aminocarbene functions. <i>Dalton Transactions</i> , 2013, 42, 11039.	1.6	7
129	Tetranuclear Phosphide- and Phosphinidene-Bridged Derivatives of the Diphosphenyl Complex [Mo ₂ Cp ₂ (η^4 -PCy ₂) ₂ (η^4 -P ⁺ ₂)(η^2 -P ₂ Me) ₂ (CO) ₂]. <i>Inorganic Chemistry</i> , 2015, 54, 2455-2466.		
130	Cycloaddition Reactions of the Phosphinidene-Bridged Complex [Mo ₂ Cp(η^5 -1,5-C ₅ H ₅)(η^1 -P ⁺)(η^5 -PC ₅ H ₄)(CO) ₂]. <i>Inorganic Chemistry</i> , 2016, 55, 10680-10691.		
131	Structure and dynamics of heterometallic clusters derived from addition of metal carbonyl fragments to the unsaturated hydride [W ₂ Cp ₂ (η^4 -H)(η^4 -PPh ₂)(NO) ₂]. <i>Dalton Transactions</i> , 2017, 46, 15317-15329.	1.6	7
132	One-step synthesis and P-H bond cleavage reactions of the phosphanyl complex <i>syn</i> -[MoCp{PH(2,4,6-C ₆ H ₃ H ₂)(η^3 -Bu) ₃ }(CO) ₂]. <i>Dalton Transactions</i> , 2019, 48, 14585-14589.	1.6	7
133	Chemistry of highly electrophilic binuclear cations. 6. Synthesis of the alkyne-bridged complexes [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -2- η^2 -HC ₂ (<i>p</i> -tol)}(CO) ₂ (η^4 -L ₂)] [B{3,5-C ₆ H ₃ (CF ₃) ₂ }] ₂ and their isocyanide derivatives (L ₂ =Ph ₂ PCH ₂ PPh ₂ , Me ₂ PCH ₂ PMe ₂). <i>Journal of Organometallic Chemistry</i> , 2007, 692, 983-990.	0.8	6
134	From Coordinated Oxophosphinidene to O,O,P-Bound Arylhypophosphite(2 ⁻) To Build a Singular Mo ₂ Sn ₂ O ₄ P ₂ Metallocycle. <i>Inorganic Chemistry</i> , 2008, 47, 1252-1254.	1.9	6
135	Hydrogen Atom Transfer Reactions of the Unsaturated Hydroxycarbyne Complex [W ₂ Cp ₂ (η^4 -COH)(η^4 -PPh ₂) ₂ BF ₄]. <i>Organometallics</i> , 2013, 32, 4624-4635.	1.1	6
136	Heterometallic clusters derived from the unsaturated carbyne-bridged dimolybdenum complexes [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^4 -CPh)(η^4 -PCy ₂)(CO) _x] (x = 1, 2). <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 147-159.	0.8	6
137	Thermally Stable Diazoalkane Derivatives of the Unsaturated Ditungsten Hydride [W ₂ Cp ₂ (H)(η^4 -PCy ₂)(CO) ₂]. <i>Organometallics</i> , 2015, 34, 3833-3841.	1.1	6
138	C-C and C-N Couplings in Reactions of the Benzylidyne-Bridged Complex [Mo ₂ Cp ₂ (η^4 -CPh)(η^4 -PCy ₂)(CO) ₂]. <i>Organometallics</i> , 2016, 35, 3498-3506.	1.1	6
139	Chemistry of CS ₂ - and SCNPh-adducts of the pyramidal phosphinidene-bridged complex [Mo ₂ Cp(η^5 -1,5-C ₅ H ₅)(η^1 -P ⁺)(η^5 -PC ₅ H ₄)(CO) ₂]. <i>Dalton Transactions</i> , 2017, 46, 3510-3525.		
140	Divergent Reactivity of a Phosphinidene-Bridged Dimolybdenum Complex Toward 1-Alkynes: P-C, P-H, C-C, and C-H Couplings. <i>Organometallics</i> , 2017, 36, 1756-1764.	1.1	6
141	Phosphinidene-Bridged MoMn Derivatives of the Thiophosphinidene Complex [Mo ₂ Cp ₂ (η^4 -P ⁺)(η^5 -1,5-C ₅ H ₅)(η^5 -SPMes*)(CO) ₂] (Mes* = 2,4,6-C ₆ H ₃ H ₂ (η^3 -Bu) ₃). <i>Inorganic Chemistry</i> , 2018, 57, 1901-1911.	1.9	6
142	Dehydrogenation, Methyl Elimination and Insertion Reactions of the Agostic Methyl-Bridged Complex [Mo ₂ Cp ₂ (η^4 -P ⁺)(η^5 -1,5-C ₅ H ₅)(η^3 -CH ₃)(η^4 -P ⁺)(η^3 -Bu) ₂]. <i>Chemistry - A European Journal</i> , 2018, 24, 9504-9507.		
143	Reactions between μ -alkylidyne iron-molybdenum complexes and but-2-yne: unusually facile C-C bond forming processes accompanied by hydrogen migration between carbon centres. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 53-55.	2.0	5
144	Alkyne to carbyne coupling reactions of the unsaturated methoxycarbyne-bridged complex [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^4 -COMe)(η^4 -PCy ₂)(CO) ₂]. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1592-1597.	0.8	5

#	ARTICLE	IF	CITATIONS
145	Nucleophilic behaviour of dioxo- and thiooxophosphorane complexes [MoCp(CO) ₂ {E,P-EP(O)(2,4,6-C ₆ H ₂) ₃ Bu ₃ }] ⁺ Tj ETQq1 1 0,784314		
146	Gold(I) and Related Heterometallic Derivatives of Dimolybdenum Complexes with Asymmetric Phosphinidene Bridges. <i>Inorganic Chemistry</i> , 2014, 53, 10325-10339.	1.9	5
147	Pâ€N and Nâ€Mo Bond Formation Processes in the Reactions of a Pyramidal Phosphinidene-Bridged Dimolybdenum Complex with Diazoalkanes and Organic Azides. <i>Inorganic Chemistry</i> , 2020, 59, 7869-7883.	1.9	5
148	Insertion, coupling and elimination processes in the reactions of the unsaturated alkyl-bridged complexes [Mo ₂ (I-5-C ₅ H ₅) ₂ (I ^{1/4} -CH ₂ R)(I ^{1/4} -PCy ₂)(CO) ₂] (R = H, Ph) with isocyanides and secondary phosphines. <i>Dalton Transactions</i> , 2014, 43, 7780.	1.6	4
149	Diphosphorus-bridged heterometallic anions and hydrides derived from reactions of complex [Mo ₂ Cp ₂ (I ^{1/4} -PCy ₂)(I ^{1/4} -P ² -P ₂)(CO) ₂] ⁻ with precursors of 16-electron metal carbonyl fragments. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 279-288.	0.8	4
150	Terminal vs. bridging coordination of CO and NO ligands after decarbonylation of [W ₂ Cp ₂ (I ^{1/4} -PR ₂) ₂ (CO) ₃ (NO)] complexes (R = Ph, Cy). An experimental and computational study. <i>Dalton Transactions</i> , 2017, 46, 10440-10451.	1.6	4
151	Snâ€H bond additions to asymmetric trigonal phosphinidene-bridged dimolybdenum complexes. <i>RSC Advances</i> , 2017, 7, 33293-33304.	1.7	4
152	Reactions of the Carbyne-Bridged Radical Complex [Mo ₂ (I ⁵ -C ₅ H ₅) ₂ (I ^{1/4} -CPh)(I ^{1/4} -PCy ₂)(I ^{1/4} -CO)] ⁺ with Bidentate Ligands Having Eâ€H Bonds (E = O, S, N). <i>Organometallics</i> , 2014, 33, 1181-1189.		
153	Synthesis and DFT Study of a Diphenylsilanoneâ€Bridged Dimolybdenum Complex. <i>Chemistry - A European Journal</i> , 2016, 22, 8763-8767.	1.7	3
154	Câ€C and Câ€N Couplings Following Hydride Addition on Isocyanide Cyclopolyenyl Dimolybdenum Complexes to Give Tethered Aldimine and Aminocarbene Derivatives. <i>Chemistry - A European Journal</i> , 2017, 23, 14027-14038.	1.7	3
155	Hydride, alkyl and carbyne derivatives of the unsaturated heterometallic anion [MoWCp ₂ (I ^{1/4} -PCy ₂)(I ^{1/4} -CO) ₂] ⁻ . <i>Journal of Organometallic Chemistry</i> , 2019, 893, 61-71.	0.8	3
156	Coordination and Dehydrogenation of Diphosphineâ€Borane Ph ₂ PCH ₂ PPh ₂ â€BH ₃ at a Heterometallic MoRe Center to Give an Agostic Boryl-Bridged Derivative. <i>Inorganic Chemistry</i> , 2019, 58, 16134-16143.	1.9	3
157	A glimpse into the chemical reactivity of the unsaturated hydride [MoWCp ₂ (H)(I ^{1/4} -PCy ₂)(CO) ₂]. <i>Journal of Organometallic Chemistry</i> , 2021, 936, 121708.	0.8	2
158	Electronic Structure and Donor Ability of an Unsaturated Triphosphorus-Bridged Dimolybdenum Complex. <i>Inorganic Chemistry</i> , 2021, 60, 11548-11561.	1.9	2
159	Chalcogenoacyl-bridged derivatives of the unsaturated carbyne complex [Mo ₂ (I ⁵ -C ₅ H ₅) ₂ (I ^{1/4} -CPh)(I ^{1/4} -Tj ETQq1 1 0,784314	0.8	1
160	Oâ€Protonierung eines neutralen Carbonylâ€komplexes mit Diwolframzentrum unter Bildung eines stabilen Hydroxycarbinkomplexes. <i>Angewandte Chemie</i> , 1996, 108, 112-114.	1.6	0
161	P C coupling reactions of pyramidal phosphinidene-bridged dimolybdenum complexes with alkynes. <i>Inorganica Chimica Acta</i> , 2021, 516, 120141.	1.2	0
162	Reactions of the unsaturated methyl-bridged complexes [Mo ₂ Cp ₂ (I ^{1/4} -CH ₃)(I ^{1/4} -P Bu ₂)(CO) _x] (x = 1, 2) towards transition metal carbonyls: convenient dehydrogenative route to heterometallic methylidyne-bridged clusters. <i>Journal of Organometallic Chemistry</i> , 2022, 959, 122206.	0.8	0