

Miguel Ángel Ruiz

List of Publications by Year in descending order

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185
papers

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#	ARTICLE	IF	CITATIONS
1	Reactions of the unsaturated methyl-bridged complexes $[Mo_2Cp_2(\eta^5-C_5H_5)(\eta^5-PBu_2)(CO)_x]$ ($x=1, 2$) towards transition metal carbonyls: convenient dehydrogenative route to heterometallic methylidyne-bridged clusters. <i>Journal of Organometallic Chemistry</i> , 2022, 959, 122206.	0.8	0
2	P C coupling reactions of pyramidal phosphinidene-bridged dimolybdenum complexes with alkynes. <i>Inorganica Chimica Acta</i> , 2021, 516, 120141.	1.2	0
3	A glimpse into the chemical reactivity of the unsaturated hydride $[MoWCp_2(H)(\eta^5-PCy_2)(CO)_2]$. <i>Journal of Organometallic Chemistry</i> , 2021, 936, 121708.	0.8	2
4	Electronic Structure and Donor Ability of an Unsaturated Triphosphorus-Bridged Dimolybdenum Complex. <i>Inorganic Chemistry</i> , 2021, 60, 11548-11561.	1.9	2
5	Efficient Synthesis and Multisite Reactivity of a Phosphinidene-Bridged Mo-Re Complex. A Platform Combining Nucleophilic and Electrophilic Features. <i>Inorganic Chemistry</i> , 2020, 59, 9481-9485.	1.9	9
6	P-N and N-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
7	One-step synthesis and H bond cleavage reactions of the phosphanyl complex $[MoCp\{PH(2,4,6-C_6H_2)Bu_3\}(CO)_2]$ to give heterometallic phosphinidene-bridged derivatives. <i>Dalton Transactions</i> , 2019, 48, 14585-14589.	1.6	7
8	Hydride, alkyl and carbyne derivatives of the unsaturated heterometallic anion $[MoWCp_2(\eta^5-PCy_2)(\eta^5-CO)_2]^-$. <i>Journal of Organometallic Chemistry</i> , 2019, 893, 61-71.	0.8	3
9	Coordination and Dehydrogenation of Diphosphine-Borane $Ph_2PCH_2PPh_2\cdot BH_3$ at a Heterometallic MoRe Center to Give an Agostic Boryl-Bridged Derivative. <i>Inorganic Chemistry</i> , 2019, 58, 16134-16143.	1.9	3
10	H Bond Activation and Insertion Processes in the Reactions of the Unsaturated Hydride $[W_2Cp_2(\eta^5-H)(\eta^5-PPh_2)(NO)_2]$. <i>Inorganic Chemistry</i> , 2018, 57, 2228-2241.	1.9	11
11	Reply to the Comment on "Hydride, gold(i) and related derivatives of the unsaturated ditungsten anion $[W_2Cp_2(\eta^5-PCy_2)(\eta^5-CO)_2]^-$ " by M. Green, <i>Dalton Transactions</i> , 2018, 47, DOI: 10.1039/C8DT00044A.		3
12	Phosphinidene-Bridged MoMn Derivatives of the Thiophosphinidene Complex $[Mo_2Cp_2(\eta^5-P^2)(\eta^5-P^1)(\eta^5-SPMes^*)(CO)_2]$ ($Mes^* = 2,4,6-C_6H_2Bu_3$). <i>Inorganic Chemistry</i> , 2018, 57, 1901-1911.	1.9	6
13	Acetonitrile Adduct $[MoReCp(\eta^5-H)(\eta^5-PCy_2)(CO)_5(NCMe)]$: A Surrogate of an Unsaturated Heterometallic Hydride Complex. <i>Inorganic Chemistry</i> , 2018, 57, 912-915.	1.9	17
14	Acceptor Behavior and H Bond Activation Processes of the Unsaturated Heterometallic Anion $[MoReCp(\eta^5-PCy_2)(CO)_5]^-$ (Mo/Re). <i>Organometallics</i> , 2018, 37, 3425-3436.	1.1	8
15	Trapping of an Heterometallic Unsaturated Hydride: Structure and Properties of the Ammonia Complex $[MoMnCp(\eta^5-H)(\eta^5-PPh_2)(CO)_5(NH_3)]$. <i>Inorganics</i> , 2018, 6, 125.	1.2	2
16	N-O Bond Activation and Cleavage Reactions of the Nitrosyl-Bridged Complexes $[M_2Cp_2(\eta^5-PCy_2)(\eta^5-NO)(NO)_2]$ ($M = Mo, W$). <i>Inorganic Chemistry</i> , 2018, 57, 15314-15329.	1.9	9
17	Dehydrogenation, Methyl Elimination and Insertion Reactions of the Agostic Methyl-Bridged Complex $[Mo_2Cp_2(\eta^5-P^2)(\eta^5-P^1)(\eta^5-CH_3)(\eta^5-PCy_2)(\eta^5-CO)]$. <i>Inorganic Chemistry - A European Journal</i> , 2018, 24, 9504-9507.		
18	Chalcogenoacyl-bridged derivatives of the unsaturated carbyne complex $[Mo_2(\eta^5-C_5H_5)_2(\eta^5-CPh)(\eta^5-Tj)E_2Oq_0O_1rgBT/Over]$	0.8	0

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19	Chemistry of CS_2 - and SCNPh -adducts of the pyramidal phosphinidene-bridged complex $[\text{Mo}_2\text{Cp}(\eta^4\text{-}i^{\text{Pr}}_1\text{-}i^{\text{Pr}}_2\text{-}i^{\text{Pr}}_3\text{-}i^{\text{Pr}}_4\text{-}i^{\text{Pr}}_5\text{-PC}_5\text{H}_4)(\text{CO})_2(\eta^5\text{-}i^{\text{Pr}}_6\text{-}i^{\text{Pr}}_7\text{-}i^{\text{Pr}}_8\text{-}i^{\text{Pr}}_9\text{-}i^{\text{Pr}}_{10})]$. Dalton Transactions, 2017, 46, 3510-3525.		
20	Synthesis of the Unsaturated $[\text{MMoCp}(\eta^4\text{-}i^{\text{Pr}}_1\text{-}i^{\text{Pr}}_2\text{-}i^{\text{Pr}}_3\text{-}i^{\text{Pr}}_4\text{-}i^{\text{Pr}}_5\text{-PC}_5\text{H}_4)(\text{CO})_5]$ Anions (M = Tl, Et, Q, O, O, rg, BT, Ov). Inorganic Chemistry, 2017, 2017, 1280-1283.	1.0	9
21	Divergent Reactivity of a Phosphinidene-Bridged Dimolybdenum Complex Toward 1-Alkynes: $\text{P}=\text{C}$, $\text{P}=\text{H}$, $\text{C}=\text{C}$, and $\text{C}=\text{H}$ Couplings. Organometallics, 2017, 36, 1756-1764.	1.1	6
22	Structure and dynamics of heterometallic clusters derived from addition of metal carbonyl fragments to the unsaturated hydride $[\text{W}_2\text{Cp}_2(\eta^4\text{-H})(\eta^4\text{-PPh}_2)(\text{NO})_2]$. Dalton Transactions, 2017, 46, 15317-15329.	1.6	7
23	Structural and Chemical Effects of the $\text{P}(\text{t-Bu})_2$ Bridge at Unsaturated Dimolybdenum Complexes Having Hydride and Hydrocarbyl Ligands. Inorganic Chemistry, 2017, 56, 11336-11351.	1.9	13
24	Terminal vs. bridging coordination of CO and NO ligands after decarbonylation of $[\text{W}_2\text{Cp}_2(\eta^4\text{-PR}_2)(\text{CO})_3(\text{NO})]$ complexes (R = Ph, Cy). An experimental and computational study. Dalton Transactions, 2017, 46, 10440-10451.	1.6	4
25	$\text{C}=\text{C}$ and $\text{C}=\text{N}$ Couplings Following Hydride Addition on Isocyanide Cyclopolyenyl Dimolybdenum Complexes to Give Tethered Aldimine and Aminocarbene Derivatives. Chemistry - A European Journal, 2017, 23, 14027-14038.	1.7	3
26	$\text{Sn}=\text{H}$ bond additions to asymmetric trigonal phosphinidene-bridged dimolybdenum complexes. RSC Advances, 2017, 7, 33293-33304.	1.7	4
27	Phosphinidene-bridged binuclear complexes. Coordination Chemistry Reviews, 2017, 330, 1-36.	9.5	61
28	Synthesis and DFT Study of a Diphenylsilanone-Bridged Dimolybdenum Complex. Chemistry - A European Journal, 2016, 22, 8763-8767.	1.7	3
29	Cycloaddition Reactions of the Phosphinidene-Bridged Complex $[\text{Mo}_2\text{Cp}(\eta^4\text{-}i^{\text{Pr}}_1\text{-}i^{\text{Pr}}_2\text{-}i^{\text{Pr}}_3\text{-}i^{\text{Pr}}_4\text{-}i^{\text{Pr}}_5\text{-PC}_5\text{H}_4)(\text{CO})_2(\eta^5\text{-}i^{\text{Pr}}_6\text{-}i^{\text{Pr}}_7\text{-}i^{\text{Pr}}_8\text{-}i^{\text{Pr}}_9\text{-}i^{\text{Pr}}_{10})]$ with Diazoalkanes and Other Heterocumulenes. Inorganic Chemistry, 2016, 55, 10680-10691.		
30	The doubly-bonded ditungsten anion $[\text{W}_2\text{Cp}_2(\eta^4\text{-PPh}_2)(\text{NO})_2]^{2-}$: an entry to the chemistry of unsaturated nitrosyl complexes. Dalton Transactions, 2016, 45, 13300-13303.	1.6	11
31	$\text{C}=\text{C}$ and $\text{C}=\text{N}$ Couplings in Reactions of the Benzylidyne-Bridged Complex $[\text{Mo}_2\text{Cp}_2(\eta^4\text{-CPh})(\eta^4\text{-PCy}_2)(\text{CO})_2]$ with Small Unsaturated Organics. Organometallics, 2016, 35, 3498-3506.	1.1	6
32	$\text{P}=\text{S}$ bond cleavage in reactions of thiophosphinidene-bridged dimolybdenum complexes with $[\text{Co}_2(\text{CO})_8]$ to give phosphinidene-bridged heterometallic derivatives. Dalton Transactions, 2016, 45, 1937-1952.	1.6	8
33	Insertion and $\text{C}=\text{C}$ coupling processes in reactions of the unsaturated hydride $[\text{W}_2\text{Cp}_2(\text{H})(\eta^4\text{-PCy}_2)(\text{CO})_2]$ with alkynes. Dalton Transactions, 2016, 45, 5274-5289.	1.6	9
34	Electronic Structure and Multisite Basicity of the Pyramidal Phosphinidene-Bridged Dimolybdenum Complex $[\text{Mo}_2(\eta^5\text{-C}_5\text{H}_5)(\eta^4\text{-}i^{\text{Pr}}_1\text{-}i^{\text{Pr}}_2\text{-}i^{\text{Pr}}_3\text{-}i^{\text{Pr}}_4\text{-}i^{\text{Pr}}_5\text{-PC}_5\text{H}_4)(\eta^6\text{-C}_6\text{H}_3\text{tBu}_3)(\text{CO})_2(\text{PMe}_3)]$. Inorganic Chemistry, 2015, 54, 9810-9820.	1.9	13
35	Heterometallic clusters derived from the unsaturated carbyne-bridged dimolybdenum complexes $[\text{Mo}_2(\eta^5\text{-C}_5\text{H}_5)_2(\eta^4\text{-CPh})(\eta^4\text{-PCy}_2)(\text{CO})_x]$ (x = 1, 2). Journal of Organometallic Chemistry, 2015, 799-800, 147-159.	0.8	6
36	Tetranuclear Phosphide- and Phosphinidene-Bridged Derivatives of the Diphosphenyl Complex $[\text{Mo}_2\text{Cp}_2(\eta^4\text{-PCy}_2)(\eta^4\text{-}i^{\text{Pr}}_1\text{-}i^{\text{Pr}}_2\text{-}i^{\text{Pr}}_3\text{-}i^{\text{Pr}}_4\text{-}i^{\text{Pr}}_5\text{-P}_2\text{Me}_2)(\text{CO})_2]$. Inorganic Chemistry, 2015, 54, 2455-2466.		

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37	Thermally Stable Diazoalkane Derivatives of the Unsaturated Ditungsten Hydride $[W_2Cp_2(H)(\frac{1}{4}PCy_2)(CO)_2]$. <i>Organometallics</i> , 2015, 34, 3833-3841.	1.1	6
38	Diphosphorus-bridged heterometallic anions and hydrides derived from reactions of complex $[Mo_2Cp_2(\frac{1}{4}PCy_2)(\frac{1}{4}P^2-P_2)(CO)_2]^-$ with precursors of 16-electron metal carbonyl fragments. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 279-288.	0.8	4
39	Carbyne-Carbyne Coupling and H-Shifts in Reactions of the Unsaturated Methoxy- and Hydroxycarbyne Complexes $[Mo_2Cp_2(\frac{1}{4}COR)(\frac{1}{4}CPh)(\frac{1}{4}PCy_2)]^{+}$ with CO and Isocyanides. <i>Organometallics</i> , 2015, 34, 1681-1691.	1.1	9
40	Reactions of the Unsaturated Ditungsten Anion $[W_2Cp_2(\frac{1}{4}PCy_2)(\frac{1}{4}CO)]^{+}$ with C- and P-Based Electrophiles. <i>Organometallics</i> , 2015, 34, 870-878.	1.1	12
41	Mild N=O Bond Cleavage Reactions of a Pyramidalized Nitrosyl Ligand Bridging a Dimolybdenum Center. <i>Inorganic Chemistry</i> , 2015, 54, 10536-10538.	1.9	12
42	Activity of Mo=Mo and Mo=P multiple bonds at the phosphinidene complex $[Mo_2Cp_2(\frac{1}{4}P(2,4,6-C_6H_2Bu_3))(\frac{1}{4}CO)_2]$ in reactions with isocyanides and phosphine ligands. <i>Inorganica Chimica Acta</i> , 2015, 424, 103-115.	1.2	10
43	Mild P=P Bond Cleavage in the Methylidiphosphenyl Complex $[Mo_2Cp_2(\frac{1}{4}PCy_2)(\frac{1}{4}P^2-P_2)(CO)_2]^{+}$ To Give Novel Phosphide-Bridged Trinuclear Derivatives. <i>Inorganic Chemistry</i> , 2014, 53, 11261-11273.	1.9	10
44	Reactions of the Unsaturated Ditungsten Complexes $[W_2Cp_2(\frac{1}{4}PPH_2)(CO)_2]^{+}$ ($x = i, o$) with Nitrite Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 4739-4750.	1.9	10
45	Reactions of the Carbyne-Bridged Radical Complex $[Mo_2(\frac{1}{4}C^5H_5)(\frac{1}{4}C^5H_5)(\frac{1}{4}CPh)(\frac{1}{4}PCy_2)(\frac{1}{4}CO)]^{+}$ with Bidentate Ligands Having E-H Bonds (E = O, S, N). <i>Organometallics</i> , 2014, 33, 1181-1189.	1.9	10
46	Insertion, coupling and elimination processes in the reactions of the unsaturated alkyl-bridged complexes $[Mo_2(\frac{1}{4}C_5H_5)_2(\frac{1}{4}CH_2R)(\frac{1}{4}PCy_2)(CO)_2]$ (R = H, Ph) with isocyanides and secondary phosphines. <i>Dalton Transactions</i> , 2014, 43, 7780.	1.6	4
47	Hydride, gold and related derivatives of the unsaturated ditungsten anion $[W_2Cp_2(\frac{1}{4}PCy_2)(\frac{1}{4}CO)]^{+}$. <i>Dalton Transactions</i> , 2014, 43, 16044-16055.	1.6	14
48	Nucleophilic behaviour of dioxo- and thiooxophosphorane complexes $[MoCp(CO)_2\{E,P-EP(O)(2,4,6-C_6H_3)(\frac{1}{4}Bu)_3\}]^{+}$ (E = O, S). <i>Dalton Transactions</i> , 2014, 43, 16044-16055.	1.6	14
49	Gold(I) and Related Heterometallic Derivatives of Dimolybdenum Complexes with Asymmetric Phosphinidene Bridges. <i>Inorganic Chemistry</i> , 2014, 53, 10325-10339.	1.9	5
50	Site-Selectivity in the Protonation and Related Reactions of Chalcogenophosphinidene-Bridged Dimolybdenum Cyclopentadienyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1706-1718.	1.0	8
51	Hydrogen Atom Transfer Reactions of the Unsaturated Hydroxycarbyne Complex $[W_2Cp_2(\frac{1}{4}COH)(\frac{1}{4}PPH_2)(\frac{1}{4}BF_4)]^{+}$. <i>Organometallics</i> , 2013, 32, 4624-4635.	1.1	6
52	Low-Temperature N=O Bond Cleavage and Reversible N=P Bond Formation Processes in the Reactions of the Unsaturated Anions $[M_2(\frac{1}{4}C^5H_5)(\frac{1}{4}C^5H_5)(\frac{1}{4}PCy_2)(\frac{1}{4}CO)]^{+}$ (M = Mo, W) with the Nitrosyl Complex $[Re(\frac{1}{4}C^5H_5)(\frac{1}{4}C^5H_5)(\frac{1}{4}C^5H_5)(\frac{1}{4}Me)(CO)_2(NO)]^{+}$. <i>Inorganic Chemistry</i> , 2013, 52, 9005-9018.	1.9	13
53	Reactivity of the Anionic Diphosphorus Complex $[Mo_2Cp_2(\frac{1}{4}PCy_2)(\frac{1}{4}P^2-P_2)(CO)_2]^{+}$ toward Phosphorus- and Transition Metal-Based Electrophiles. <i>Inorganic Chemistry</i> , 2013, 52, 9005-9018.	1.9	8
54	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

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55	Insertion, Rearrangement, and Coupling Processes in the Reactions of the Unsaturated Hydride Complex [W ₂ (η^5 -C ₅ H ₅) ₂ (H)(η^4 -PCy ₂)(CO) ₂] with Isocyanides. <i>Organometallics</i> , 2013, 32, 4543-4555.	1.1	24
56	P \equiv C and C \equiv C Coupling Processes in the Reactions of the Phosphinidene-Bridged Complex [Fe ₂ (η^5 -C ₅ H ₅) ₂ (η^4 -PCy)(η^4 -CO)(CO) ₂] with Alkynes. <i>Organometallics</i> , 2013, 32, 4601-4611.		24
57	Thermally Induced Dehydrogenation of Amine \rightarrow Borane Adducts and Ammonia \rightarrow Borane by Group 6 Cyclopentadienyl Complexes Having Single and Triple Metal \rightarrow Metal Bonds. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4998-5008.	1.0	10
58	Cyclopentadienyl and related complexes of the group 6 elements having metal \rightarrow metal triple bonds: Synthesis, structure, bonding and reactivity. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2143-2191.	9.5	32
59	Stepwise hydrogenation of an arylthiophosphinidene isocyanide complex to give tethered aldimine and aminocarbene functions. <i>Dalton Transactions</i> , 2013, 42, 11039.	1.6	7
60	Electronic Structure and Reactivity of the Carbyne-Bridged Dimolybdenum Radical [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^4 -CPh)(η^4 -PCy ₂)(η^4 -CO)] ^{2.6} +. <i>Organometallics</i> , 2013, 32, 218-231.		
61	Heterometallic Derivatives of the Unsaturated Ditungsten Hydride [W ₂ (η^5 -C ₅ H ₅) ₂ (H)(η^4 -PCy ₂)(CO) ₂]. <i>Inorganic Chemistry</i> , 2013, 52, 7068-7077.		
62	Reversible P \equiv C Coupling Reactions at the Unsaturated Dimolybdenum Carbyne Complex [Mo ₂ (η^5 -C ₅ H ₅) ₂ (CPh)(η^4 -PCy ₂)(η^4 -SPh)(CO)] ⁺ . <i>Organometallics</i> , 2012, 31, 7181-7190.	1.1	7
63	Dimolybdenum Cyclopentadienyl Complexes with Bridging Chalcogenophosphinidene Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 7810-7824.	1.9	23
64	Reactions of the phosphinidene-bridged complexes [Fe ₂ (η^5 -C ₅ H ₅) ₂ (η^4 -PR)(η^4 -CO)(CO) ₂] (R = Cy, Ph) with electrophiles based on p-block elements. <i>Dalton Transactions</i> , 2012, 41, 14498.	1.6	34
65	Activation of H \rightarrow H and H \rightarrow O Bonds at Phosphorus with Diiron Complexes Bearing Pyramidal Phosphinidene Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 3698-3706.	1.9	27
66	Symmetrization in a Phosphinidene-Bridged Complex To Give a Diphosphanediyl Derivative with Metal-Centered Reactivity. <i>Inorganic Chemistry</i> , 2012, 51, 34-36.	1.9	7
67	Reactions of the Tetrafluoroborate Complex [Mo ₂ Cp ₂ (η^2 -F ₂ BF ₂)(η^4 -PPh ₂) ₂ (CO)]BF ₄ with Mono- and Bidentate Ligands Having E \rightarrow H bonds (E = O, S, Se, N, P). <i>Inorganic Chemistry</i> , 2012, 51, 7284-7295.	1.9	7
68	Reactions of the Unsaturated Hydroxo Complex [W ₂ Cp ₂ (OH)(η^4 -PPh ₂) ₂ (CO)]BF ₄ with Mono- and Bidentate Ligands Having E \rightarrow H bonds (E = O, S, N). <i>Inorganic Chemistry</i> , 2012, 51, 10427-10436.	1.9	9
69	Reactivity of the Anionic Diphosphorus Complex [Mo ₂ Cp ₂ (η^4 -PCy ₂)(CO) ₂ (η^4 - η^2 -P ₂)] ⁻ toward ER ₃ X Electrophiles (E = C to Pb): Insights into the Multisite Donor Ability and Dynamics of the P ₂ Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 11061-11075.	1.9	14
70	Protonation reactions of the oxo complex cis-[Mo ₂ (η^5 -C ₅ H ₅) ₂ (O)(η^4 -PPh ₂) ₂ (CO)]. Hydroxo and tetrafluoroborate derivatives. <i>Journal of Organometallic Chemistry</i> , 2012, 699, 67-74.	0.8	10
71	Reactivity of the Phosphinidene-Bridged Complexes [Mo ₂ Cp ₂ (η^4 -P ⁿ)(η^6 -1,3,5-C ₆ H ₃)(η^4 -PCy ₂)(CO) ₂] and [Mo ₂ Cp ₂ (η^4 -PH)(η^6 -1,3,5-C ₆ H ₃ H ₃)(η^4 -PCy ₂)(CO) ₂] toward Alkynes: Multicomponent Reactions in the Presence of Ligands. <i>Organometallics</i> , 2012, 31, 7748-7763.	1.1	17
72	C \equiv X bond formation and cleavage in the reactions of the ditungsten hydride complex [W ₂ (η^5 -C ₅ H ₅) ₂ (H)(η^4 -PCy ₂)(CO) ₂] with small molecules having multiple C \equiv X bonds (X = C, N, O). <i>Dalton Transactions</i> , 2011, 40, 8294.	1.6	13

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73	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
74	Synthesis and Decarbonylation Reactions of Diiron Cyclopentadienyl Complexes with Bent-Phosphinidene Bridges. <i>Organometallics</i> , 2011, 30, 1102-1115.	1.1	20
75	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)] (R = H, Ph). <i>Organometallics</i> , 2011, 30, 2189-2199.		
76	Synthesis and Decarbonylation Reactions of the Triiron Phosphinidene Complex [Fe ₃ Cp ₃ (η^1 -H)(η^1 -PPh)(CO) ₄]: Easy Cleavage and Formation of σ -H and σ -Fe Bonds. <i>Inorganic Chemistry</i> , 2011, 50, 10937-10948.	1.9	9
77	A Thiophosphinidene Complex as a Vehicle in Phosphinidene Transmetalation: Easy Formation and Cleavage of a σ -S Bond. <i>Inorganic Chemistry</i> , 2011, 50, 10561-10563.	1.9	21
78	Heterometallic Derivatives of [Fe ₂ Cp ₂ (η^1 -PCy)(η^1 -CO)(CO) ₂]: Rational Synthesis of Polynuclear Complexes from Neutral Precursors Having Pyramidal σ -Phosphinidene Bridges. <i>Inorganic Chemistry</i> , 2011, 50, 7894-7906.	1.9	14
79	Multisite Reactivity of the Central Mo ₂ CP Core in the Unsaturated Carbyne-Bridged Complex [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -CPh)(η^1 -PCy ₂)(CO) ₂]. <i>Organometallics</i> , 2011, 30, 3694-3697.		
80	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
81	Nitrosyl derivatives of the unsaturated dihydrides [Mn ₂ (η^1 -H) ₂ (CO) ₆ (η^1 -L ₂)] (L ₂ = η^1 -Ph ₂ PCH ₂ PPh ₂ , η^1 -TjEQq1 1 0.784314 rgBT / Overlock 10 Tf 50 182 Td 15	0.8	15
82	Reactivity of the unsaturated manganese dihydrides [Mn ₂ (η^1 -H) ₂ (CO) ₆ (η^1 -L ₂)] [L ₂ = η^1 -(EtO) ₂ POP(OEt) ₂ , Ph ₂ PCH ₂ PPh ₂ , Me ₂ PCH ₂ PMe ₂] toward silicon and tin hydrides. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1736-1748.	0.8	15
83	Reactivity of the unsaturated dimolybdenum anion [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -PCy ₂)(η^1 -CO) ₂] ⁻ towards electrophiles based on p- and d-block elements. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 36-44.	0.8	10
84	Alkyne to carbyne coupling reactions of the unsaturated methoxycarbyne-bridged complex [Mo ₂ (η^5 -C ₅ H ₅) ₂ (η^1 -COMe)(η^1 -PCy ₂)(CO) ₂]. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1592-1597.	0.8	5
85	Chemical and Structural Effects of Bulkiness 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]. <i>Organometallics</i> , 2010, 29, 1875-1878.	1.1	32
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156	Reactivity of the unsaturated manganese dihydrides $[Mn_2(\eta^1/4-H)_2(CO)_6(\eta^1/4-L_2)]$ ($L_2 = Ph_2PCH_2PPh_2$ or Tj). <i>Organometallics</i> , 1994, 13, 2925-2927.	0.8	13
157	C-H Cleavages in the Photoreactions of $[M_2(\eta^5-C_5H_5)_2(CO)_6]$ (M = Mo, W): Isolation and Characterization of the V-Shaped Trinuclear Clusters $[M_2M'(\eta^5-C_5H_4)(\eta^5-C_5H_5)_2(CO)_6]$ (M, M' = Mo or W). <i>Journal of the American Chemical Society</i> , 1995, 117, 1324-1335.	6.6	18
158	$[Mn_2(CO)_6(\eta^1/4-Ph_2PCH_2PPh_2)]^{2-}$ (Mn:Mn), a Nucleophilic Unsaturated Binuclear Anion. <i>Organometallics</i> , 1994, 13, 2925-2927.	1.1	14
159	Reactivity of $[Mn_2(\eta^1/4-H)_2(CO)_6(\eta^1/4-tedip)]$ (tedip = $(EtO)_2POP(OEt)_2$) with Group 11 Alkynyl Compounds. X-ray Structures of $[Ag_2Mn_4(\eta^1/4-H)_6(CO)_{12}(\eta^1/4-tedip)_2]$ and $[AuMn_4(\eta^1/4-H)_5(CO)_{12}(\eta^1/4-tedip)_2]$. <i>Organometallics</i> , 1994, 13, 993-1004.	1.1	23
160	Redox-Induced P-O and Mn-Mn Bond Cleavages at Dimanganese Carbonyl Centers. Synthesis and Oxidation Reactions of the Dianion $[Mn_2\{\eta^1/4-P(OEt)_2\}\{\eta^1/4-\eta^2-OP(OEt)_2\}(CO)_6]^{2-}$. <i>Organometallics</i> , 1994, 13, 1940-1949.	1.1	10
161	A Highly Electrophilic Unsaturated Ditungsten Dication. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1156-1157.	4.4	24
162	Manganese-Group 11 elements and -zinc mixed-metal clusters derived from the unsaturated hydride $[Mn_2(\eta^1/4-H)_2(CO)_6(\eta^1/4-tedip)]$ [tedip = $(EtO)_2POP(OEt)_2$]. X-ray structures of $[Mn_2(\eta^1/4-AuPPh_3)(\eta^1/4-H)(CO)_6(\eta^1/4-tedip)]$ and $[Mn_2(\eta^1/4-Zn(N,N'-Me_2NCH_2CH_2NMe_2))(\eta^1/4-H)_2(CO)_6(\eta^1/4-tedip)]$. <i>Organometallics</i> , 1993, 12, 2962-2972.	1.1	25

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163	Reactivity of $(\mu\text{-CH}_2\text{PPh}_2)(\mu\text{-PPh}_2)\text{Mo}_2\text{Cp}_2(\text{CO})_2$ (Mo:Mo) toward iodine and chalcogens. Crystal structure of $(\mu\text{-O})[\text{CpMo}(\mu\text{-CH}_2\text{PPh}_2)(\mu\text{-O})(\mu\text{-OPPh}_2)\text{MoCp}(\text{CO})_2]$. <i>Organometallics</i> , 1993, 12, 124-132.	1.1	27
164	Reversible intramolecular carbon-hydrogen oxidative addition of cyclopentadienyl ligands at tungsten(I) centers. A general intermediate step in the way to unsaturated dimetal cyclopentadienyl carbonyl complexes?. <i>Journal of the American Chemical Society</i> , 1993, 115, 3786-3787.	6.6	32
165	Reactivity of the unsaturated dihydrides $[\text{Mn}_2(\mu\text{-H})_2(\text{CO})_6(\mu\text{-L}_2)]$ ($\text{L}_2 = \text{Ph}_2\text{PCH}_2\text{PPh}_2$), Tj ETQq1 1 0.784314 rgBT /Overlock 10 $[\text{Mn}_2(\mu\text{-BH}_4)(\mu\text{-H})(\text{CO})_5(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$, a molecule displaying a novel coordination mode of the tetrahydroborate ligand. <i>Organometallics</i> , 1993, 12, 1946-1953.	1.1	23
166	Binuclear cyclopentadienyl carbonyl complexes of molybdenum(I) with bidentate phosphorus bridging ligands: synthesis and reactions leading to new dimolybdenum(II) complexes. <i>Organometallics</i> , 1992, 11, 2854-2863.	1.1	31
167	Differential reactivity of the dihydrides $\text{Mn}_2(\mu\text{-H})_2(\text{CO})_6(\mu\text{-L-L})$ ($\text{L-L} = (\text{EtO})_2\text{POP}(\text{OEt})_2$), Tj ETQq1 1 0.784314 rgBT /Overlock 10 $\text{Mn}_2\text{Fe}(\mu\text{-H})(\mu\text{-PhPCH}_2\text{PPh}_2)(\text{CO})_{10}$. <i>Organometallics</i> , 1992, 11, 4022-4028.	1.1	13
168	Electron-donor ability of the unsaturated dimanganese hydrides $[\text{Mn}_2(\mu\text{-X})(\mu\text{-H})(\text{CO})_6(\mu\text{-dppm})]$ ($\text{X} = \text{H}, \text{AuPPh}_3$; $\text{dppm} = \text{Ph}_2\text{PCH}_2\text{PPh}_2$). X-ray crystal structures of $[\text{Mn}_2(\mu\text{-Ag}(\text{ClO}_4)\text{PPh}_3)(\mu\text{-H})_2(\text{CO})_6(\mu\text{-dppm})]$ and $[\text{Mn}_2(\mu\text{-AuPPh}_3)_2(\mu\text{-H})(\text{CO})_6(\mu\text{-dppm})][\text{PF}_6] \cdot \text{C}_7\text{H}_8$. <i>Organometallics</i> , 1992, 11, 2923-2930.	1.1	23
169	Reactivity of 1-alkynes at dimanganese carbonyl centers. Synthesis and structural characterization of alkenyl-, alkenylidene-, alkynyl-, and 5-oxo-2-furanylidene-bridged dimanganese compounds. <i>Organometallics</i> , 1992, 11, 370-386.	1.1	40
170	Reactions of the unsaturated dihydrides $[\text{Mn}_2(\mu\text{-H})_2(\text{CO})_6(\mu\text{-L}_2)]$ ($\text{L}_2 = (\text{EtO})_2\text{POP}(\text{OEt})_2, \text{Ph}_2\text{PCH}_2\text{PPh}_2$) with phosphines containing $\text{P}=\text{H}$ bonds. <i>Journal of Organometallic Chemistry</i> , 1991, 419, 163-170.	0.8	9
171	Synthesis, crystal structure and heterometallic derivatives of $[\text{Mo}_2\text{Cp}_2(\mu\text{-f}, \mu\text{-CNtBu})(\text{PPh}_2\text{CH}_2\text{PPh}_2\text{-P})(\text{CO})_3]$ ($\text{tBu} = \text{C}(\text{CH}_3)_3$, $\text{Cp} = \text{C}_5\text{H}_5$). <i>Journal of Organometallic Chemistry</i> , 1990, 382, 407-417.	0.8	21
172	Reactivity of the unsaturated dihydrides $[\text{Mn}_2(\mu\text{-H})_2(\text{CO})_6(\mu\text{-L}_2)]$ towards boron, silicon, and tin hydrides [$\text{L}_2 = \text{Ph}_2\text{PCH}_2\text{PPh}_2, (\text{EtO})_2\text{POP}(\text{OEt})_2$]. X-Ray crystal structures of $[\text{Mn}_2(\mu\text{-H})(\mu\text{-BH}_4)(\text{CO})_6(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$ and $[\text{Mn}_2(\mu\text{-SnPh}_2)_2(\text{CO})_6(\mu\text{-}(\text{EtO})_2\text{POP}(\text{OEt})_2)]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 15-17.	2.0	29
173	Synthesis and reactivity of the unsaturated dimolybdenum compound $[\text{Mo}_2(\mu\text{-C}_5\text{H}_5)_2(\mu\text{-CH}_2\text{PPh}_2)(\mu\text{-PPh}_2)(\text{CO})_2]$. Crystal structure of $[\text{Mo}_2(\mu\text{-C}_5\text{H}_5)_2(\mu\text{-I})(\mu\text{-CH}_2\text{PPh}_2)(\mu\text{-PPh}_2)(\text{CO})_2][\text{TiI}_4\text{CH}_2\text{Cl}_2]$. <i>Journal of Organometallic Chemistry</i> , 1989, 375, C23-C26.	0.8	21
174	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 88. Carbaboranetungsteniridium compounds; crystal structure of the complex $[\text{WIr}(\mu\text{-CC}_6\text{H}_4\text{Me-4})(\text{CO})_2(\text{PEt}_3)_2(\mu\text{-5-C}_2\text{B}_9\text{H}_9\text{Me}_2)]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 1845-1854.	1.1	24
175	Synthese, Struktur und Reaktivität von $[\text{Mn}(\mu\text{-H})_2(\text{CO})_6(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$. <i>Angewandte Chemie</i> , 1988, 100, 1224-1225.	4	
176	Synthesis, Structure, and Reactivity of $[\text{Mn}_2(\mu\text{-H})_2(\text{CO})_6(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1167-1168.	4.4	22
177	Preparation of some reactions of $[\text{Mo}_2(\mu\text{-C}_5\text{H}_5)_2(\text{CO})_4(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$, a useful precursor for new dimolybdenum (II) complexes. Crystal structure of $[\text{Mo}_2(\mu\text{-C}_5\text{H}_5)_2(\text{CO})_4(\mu\text{-H})(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]_2 \cdot [\text{Mo}_6\text{O}_{19}] \cdot 4\text{C}_4\text{H}_8\text{O}$. <i>Journal of Organometallic Chemistry</i> , 1988, 345, C4-C8.	0.8	10
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179	Chemistry of polynuclear metal complexes with bridging carbene or carbyne ligands. Part 71. Synthesis of tungsten-iridium complexes. Crystal structures of $[\text{W}_2\text{Ir}(\mu\text{-RC}_2\text{R})\text{Cl}(\text{CO})_4(\mu\text{-C}_5\text{H}_5)_2]\text{CH}_2\text{Cl}_2$ and $[\text{W}_2\text{Ir}(\mu\text{-CR})(\mu\text{-3-CR})\text{Cl}(\text{CO})_4(\mu\text{-C}_5\text{H}_5)_2]$ ($\text{R} = \text{C}_6\text{H}_4\text{Me-4}$). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1131-1138.	1.1	12
180	The carbaborane group $\mu\text{-5-C}_2\text{B}_9\text{H}_9\text{Me}_2$ as a spectator and non-spectator ligand in di- and tri-metal complex chemistry: X-ray crystal structures of $[\text{PPh}_4][\text{Co}_2\text{W}(\mu\text{-3-CPh})(\text{CO})_8(\mu\text{-5-C}_2\text{B}_9\text{H}_9\text{Me}_2)] \cdot 1/2\text{CH}_2\text{Cl}_2$, $[\text{NEt}_4][\text{FeW}(\mu\text{-CC}_6\text{H}_3\text{Me}_2, 2, 6)(\text{CO})_5(\mu\text{-5-C}_2\text{B}_9\text{H}_9\text{Me}_2)]$, and $[\text{IrW}(\mu\text{-CC}_6\text{H}_4\text{Me-4})(\text{CO})_2(\text{PEt}_3)_2(\mu\text{-5-C}_2\text{B}_9\text{H}_9\text{Me}_2)]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1881-1884.	3.0	7

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182	Tetraethyl diphosphite-bridged binuclear carbonyl derivatives of decacarbonyldimanganese and pentacarbonylmanganese halides. Journal of the Chemical Society Dalton Transactions, 1986, , 2617.	1.1	7
183	Synthesis of new halogen-bridged cationic dimanganese carbonyl compounds. X-ray structure of $[Mn_2(\mu-I)(CO)_8(\mu-Ph_2PCH_2PPh_2)] [BF_4]$. Journal of Organometallic Chemistry, 1986, 308, C19-C23.	0.8	8
184	Synthesis and reactivity of a novel unsaturated dimanganese hydride complex, $[Mn_2H_2(CO)_6\{(OEt)_2POP(OEt)_2\}]$. X-Ray Structure of $[Mn_4Cu_2H_6(CO)_{12}\{(OEt)_2POP(OEt)_2\}_2]$. Journal of the Chemical Society Chemical Communications, 1985, , 1505.	2.0	20
185	New tetraethyldiphosphite-bridged dinuclear manganese(I) carbonyl complexes; Synthesis of μ_2 -hydride-bromide compounds $Mn_2(\mu_2-H)(\mu_2-Br)(CO)_8-2n(tedip)_n$ (n = 1, 2; tedip = $(EtO)_2pop(OEt)_2$). Crystal structures of $Mn_2(\mu_2-Br)_2(CO)_4(tedip)_2$ and $Mn_2(\mu_2-H)(\mu_2-Br)(CO)_4(tedip)_2$. Journal of Organometallic Chemistry, 1984, 268, C13-C17.	0.8	11