

Shariff

List of Publications by Year in descending order

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157
papers

2,313
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257450

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#	ARTICLE	IF	CITATIONS
1	Investigation of the effect of temperature and electrolytes on the physicochemical parameters for the self-assembly of dodecyltrimethylammonium bromide. <i>Chemical Papers</i> , 2022, 76, 1501-1511.	2.2	18
2	Stereochemical control of the diphosphine and alkyne ligands in triruthenium clusters: the effect of reversible CO loss/addition on the ligand distribution in $[\text{Ru}_3(\mu_3\text{-}i\text{-PhCCPh})\{\mu_3\text{-}i\text{-Ph}_2\text{PCH}(\text{Me})\text{PPh}_2\}(\text{CO})_7,8]$. <i>Journal of Organometallic Chemistry</i> , 2022, , 122337.	1.8	1
3	Reactions of $[\text{Os}_3(\text{CO})_{10}(\eta^4\text{-H})_2]$ and $[\text{Os}_3(\text{CO})_8\{\mu_3\text{-Ph}_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_4\}(\eta^4\text{-H})]$ with $\text{pymS}\hat{\text{a}}\text{SnPh}_3$ ($\text{pymS}\hat{\text{a}} = \text{pyrimidine-2-thiolate}$): Synthesis and Structure of Triosmium Clusters Containing pymS Ligand. <i>Journal of Chemical Crystallography</i> , 2021, 51, 257-264.	1.1	2
4	Reactions of $[\text{HOs}_3(\text{CO})_8\{\mu_3\text{-Ph}_2\text{PCH}(\text{R})\text{P}(\text{Ph})\text{C}_6\text{H}_4\}]$ ($\text{R} = \text{H, Me}$) with Bu_3SnH : synthesis and structure of bimetallic Os-Sn clusters. <i>Transition Metal Chemistry</i> , 2021, 46, 149-157.	1.4	4
5	Reactivity of unsaturated $[\text{HOs}_3(\text{CO})_8\{\mu_3\text{-Ph}_2\text{PCH}_2\text{PPh}(\text{C}_6\text{H}_4)\}]$ towards activated alkynes $\text{RC}\equiv\text{CR}$ ($\text{R} = \text{CO}_2\text{Et, CO}_2\text{Me}$). <i>Inorganica Chimica Acta</i> , 2021, 515, 120034.	2.4	0
6	Triruthenium clusters containing mono and bidentate phosphines: Synthesis, structure, thermal reactivity and fluxional behavior. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100023.	2.8	1
7	Reactions of $[\text{Ru}_3(\text{CO})_{12}]$ with thiosaccharin: Synthesis and structure of di-, tri-, tetra- and penta-ruthenium complexes containing a thiosaccharinate ligand(s). <i>Journal of Organometallic Chemistry</i> , 2020, 906, 121048.	1.8	7
8	Reactions of triosmium and triruthenium clusters with 2-ethynylpyridine: new modes for alkyne $\text{C}\equiv\text{C}$ bond coupling and $\text{C}\equiv\text{H}$ bond activation. <i>RSC Advances</i> , 2020, 10, 30671-30682.	3.6	6
9	Thermolysis of $[\text{HOs}_3(\text{CO})_8\{\mu_3\text{-Ph}_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_4\}]$: New Os ²⁺ - and Os ³⁺ - cluster products based on multiple C-H bond activation of the bis(diphenylphosphino)methane ligand. <i>Inorganica Chimica Acta</i> , 2020, 510, 119733.	2.4	4
10	Reactions of the lightly-stabilized triosmium cluster $\text{Os}_3(\text{CO})_8\{\eta^4\text{-}i\text{-Ph}_2\text{PCH}(\text{Me})\text{P}(\text{Ph})\text{C}_6\text{H}_4\}(\eta^4\text{-H})$ with two-electron donor ligands. <i>Polyhedron</i> , 2020, 186, 114608.	2.2	3
11	Influence of the effect of different electrolytes on the interaction of promethazine hydrochloride drug with tetradecyltrimethylammonium bromide at different temperatures. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4057.	1.9	19
12	Facile Os-Os bond cleavage in the reactions of $[\text{Os}_3(\text{CO})_{10}(\text{NCMe})_2]$ and $[\text{Os}_3(\text{CO})_{10}(\eta^4\text{-H})_2]$ with tetramethylthiuram disulfide (tmtsd): Syntheses and crystal structures of new polynuclear osmium carbonyl complexes containing a dimethyldithiocarbamate ligand(s). <i>Journal of Organometallic Chemistry</i> , 2020, 911, 121133.	1.8	7
13	Physicochemical Observation of the Impact of Various Additives on the Clouding Nature of Triton X-100 Solution. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 841-847.	1.9	3
14	A new synthetic route for the preparation of $[\text{Os}_3(\text{CO})_{10}(\eta^4\text{-OH})(\eta^4\text{-H})]$ and its reaction with bis(diphenylphosphino)methane (dppm): syntheses and X-ray structures of two isomers of $[\text{Os}_3(\text{CO})_8(\eta^4\text{-OH})(\eta^4\text{-H})(\eta^4\text{-dppm})]$ and $[\text{Os}_3(\text{CO})_7(\eta^4\text{-}i\text{-}i\text{-}i\text{-CO})(\eta^4\text{-}i\text{-}i\text{-}i\text{-O})(\eta^4\text{-dppm})]$. <i>RSC Advances</i> , 2020, 10, 44699-44711.	3.6	4
15	Impact of different diols/polyols on the phase separation behavior as well as thermodynamic properties of tween 80. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e4001.	1.9	22
16	Reactions of $[\text{Os}_3(\text{CO})_{10}(\eta^4\text{-dppm})]$ and $[\text{HOs}_3(\text{CO})_8\{\eta^4\text{-}i\text{-}i\text{-}i\text{-Ph}_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_4\}]$ with Bu_3GeH : $\text{Ge}\equiv\text{H}$ and $\text{Ge}\equiv\text{C}$ bond cleavage at triosmium centers. <i>Journal of Organometallic Chemistry</i> , 2019, 898, 120862.	1.8	7
17	New molecular architectures containing low-valent cluster centres with di- and trimetalated 2-vinylpyrazine ligands: synthesis and molecular structures of $\text{Ru}_5(\text{CO})_{15}(\eta^5\text{-C}_4\text{H}_2\text{N}_2\text{CH}(\text{C}_6\text{H}_5))(\eta^4\text{-H})_2$ and $\text{Ru}_8(\text{CO})_{24}(\eta^7\text{-C}_4\text{H}_2\text{N}_2\text{CH}(\text{C}_6\text{H}_5))(\eta^4\text{-H})_3$. <i>RSC Advances</i> , 2019, 9, 21025-21030.	3.6	2
18	Synthesis, Molecular Structures and Electrochemical Investigations of $[\text{FeFe}]^{\text{II}}\text{Hydrogenase Biomimics}$ $[\text{Fe}_2(\text{CO})_6\text{E}(\text{E} = \text{P, As, Sb})_2(\text{EPh})_3(\text{E} = \text{P, As, Sb})_2)]$ ($\text{E} = \text{P, As, Sb}$). <i>Journal of Organometallic Chemistry</i> , 2019, 906, 121048.	1.8	10

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19	Influence of Alcohol/Temperature on the Interaction of Sodium Dodecyl Sulfate with Cetyltrimethylammonium Bromide: Experimental and Theoretical Study. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4376-4389.	1.9	21
20	Aggregation behavior of cetyltrimethylammonium bromide and tetradecyltrimethylammonium bromide in aqueous/urea solution at different temperatures: Experimental and theoretical investigation. <i>Journal of Molecular Liquids</i> , 2019, 285, 766-777.	4.9	16
21	Reactivity of [Mo(CO) ₃ (NCMe) ₃] towards pyrimidine-2-thiol (pymSH) and thiophenol (PhSH) in the presence of phosphine auxiliaries: Synthesis of mono- and dinuclear complexes bearing μ_2 and μ_2 -pymS coordination motifs. <i>Polyhedron</i> , 2019, 164, 55-63.	2.2	4
22	Influence of Polyol/Salt Additives on the Drug-Mediated Phase Separation and Thermodynamic Properties of Triton X-100. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5999-6008.	1.9	15
23	Influence of various electrolytes on the interaction of cetyltrimethylammonium bromide with tetradecyltrimethylammonium bromide at different temperatures and compositions: Experimental and theoretical investigation. <i>Journal of Molecular Liquids</i> , 2019, 278, 86-96.	4.9	19
24	Highly efficient electrocatalytic proton-reduction by coordinatively and electronically unsaturated Fe(CO)(μ_2 -dppn)(μ_2 -tdt). <i>Inorganica Chimica Acta</i> , 2019, 486, 435-440.	2.4	3
25	Chalcogenide-capped triiron clusters [Fe ₃ (CO) ₉ (μ_3 -E) ₂], [Fe ₃ (CO) ₇ (μ_3 -CO)(μ_3 -E)(μ_4 -dppm)] and [Fe ₃ (CO) ₇ (μ_3 -E) ₂ (μ_4 -dppm)] (E = S, Se) as proton-reduction catalysts. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 213-222.	1.8	6
26	Activation of thiosaccharin at a polynuclear osmium cluster. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 223-231.	1.8	4
27	Reaction of electron-deficient 6-methoxyquinolate-substituted cluster [Os ₃ (CO) ₉ (μ_3 -1,1,1-C ₉ H ₅ N(6-OMe))(μ_4 -H)] with PPh ₃ : Thermally induced ligand isomerization, decarbonylation and orthometallation. <i>Inorganica Chimica Acta</i> , 2018, 478, 25-31.	2.4	3
28	Investigation on the reactivity of tetranuclear Group 7/8 mixed-metal clusters toward triphenylphosphine. <i>Polyhedron</i> , 2018, 146, 154-160.	2.2	7
29	Experimental and computational preference for phosphine regioselectivity and stereoselective tripod rotation in HO ₃ (CO) ₈ (PPh ₃) ₂ (μ_4 -1,2-N,C- μ_3), μ_3 -C ₇ (1,8-bis(Diphenylamino)heptane). <i>RSC Advances</i> , 2018, 8, 32672-32683.	3.6	10
30	Hydrogenase Biomimetics with Redox-Active Ligands: Synthesis, Structure, and Electrocatalytic Studies on [Fe ₂ (CO) ₄ (μ_2 -dppn)(μ -edt)] (edt = Ethanedithiolate; dppn = 1,1'-bis(Diphenylamino)ethane-2,2'-diyl). <i>Journal of Organometallic Chemistry</i> , 2017, 836-837, 68-80.	1.8	4
31	Mn ₂ (CO) ₆ (μ_4 -mbi) ₂ as a precursor for mono- and polynuclear complexes containing the 2-mercaptobenzimidazolates (mbi) ligand. <i>Polyhedron</i> , 2018, 152, 164-171.	2.2	8
32	Mixed-valence dimolybdenum complexes containing hard oxo and soft carbonyl ligands: synthesis, structure, and electrochemistry of Mo ₂ (O)(CO) ₂ (μ_4 - μ_2 -S(CH ₂) _n S) ₂ (μ_2 -diphosphine). <i>Dalton Transactions</i> , 2018, 47, 10102-10112.	3.3	3
33	Diphosphine-induced thiolate-bridge scission of [Re(CO) ₃ (μ_3 -S,N-thpymS)] ₂ (thpymS = 1,1'-bis(Diphenylamino)ethane-2,2'-diyl) isomers of [Re(CO) ₃ (μ_2 -S,N-thpymS)] ₂ (μ_4 , μ_3 , μ_2 -dppe). <i>Journal of Organometallic Chemistry</i> , 2018, 871, 167-177.	1.8	4
34	Reversible C-H bond activation at a triosmium centre: A comparative study of the reactivity of unsaturated triosmium clusters Os ₃ (CO) ₈ (μ_4 -dppm)(μ_4 -H) ₂ and Os ₃ (CO) ₈ (μ_4 -dppf)(μ_4 -H) ₂ with activated alkynes. <i>Journal of Organometallic Chemistry</i> , 2017, 836-837, 68-80.	1.8	7
35	Mixed main group transition metal clusters: Reactions of [Ru ₃ (CO) ₁₀ (μ_4 -dppm)] with Ph ₃ SnH. <i>Journal of Organometallic Chemistry</i> , 2017, 840, 47-55.	1.8	8
36	Reactions of Ru ₃ (CO) ₁₀ (μ_4 -dppm) with Ph ₃ GeH: Ge-H and Ge-C bond cleavage in Ph ₃ GeH at triruthenium clusters. <i>Journal of Organometallic Chemistry</i> , 2017, 843, 75-86.	1.8	12

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37	An exhibition of different coordination modes displayed by 2-vinylpyrazine and 2-vinylpyridine at triosmium centres. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 80-87.	1.8	5
38	Reactions of the face-capped benzothiazolate-substituted clusters $\text{Os}_3(\text{CO})_9(\mu_3\text{-C}_7\text{H}_3\text{NSR})(\mu\text{-H})$ ($\text{R}=\text{H, Me}$) with PPh_3 : Kinetic formation of $\text{Os}_3(\text{CO})_9(\text{PPh}_3)(\mu_3\text{-C}_7\text{H}_3\text{NSR})(\mu\text{-H})$ and thermally induced ligand isomerization. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 337-349.	1.8	4
39	Alkyne activation and polyhedral reorganization in benzothiazolate-capped osmium clusters on reaction with diethyl acetylenedicarboxylate (DEAD) and ethyl propiolate. <i>Dalton Transactions</i> , 2017, 46, 13597-13609.	3.3	2
40	A comparative study of the electrochemical and proton-reduction behaviour of diphosphine-dithiolate complexes $[\text{M}_2(\text{CO})_4(\mu\text{-dppm})\{\mu\text{-S}(\text{CH}_2)_n\text{S}\}]$ ($\text{M}=\text{Fe, Ru}$; $n=2, 3$). <i>Transition Metal Chemistry</i> , 2017, 42, 597-603.	1.4	10
41	Hydrogenase biomimetics: structural and spectroscopic studies on diphosphine-substituted derivatives of $\text{Fe}_2(\text{CO})_6(\mu\text{-edt})$ ($\text{edt}=\mu\text{-ethanedithiolate}$) and $\text{Fe}_2(\text{CO})_6(\mu\text{-tdt})$ ($\text{tdt}=\mu\text{-1,3-toluenedithiolate}$). <i>Transition Metal Chemistry</i> , 2016, 41, 933-942.	1.4	13
42	Oxidative-addition of germanium-hydrogen bonds to triosmium centers: Reactions of $\text{Os}_3(\text{CO})_{10}(\mu\text{-dppm})$ and $\text{Os}_3(\text{CO})_8(\mu_3\text{-Ph}_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_4)(\mu\text{-H})$ with Ph_3GeH . <i>Journal of Organometallic Chemistry</i> , 2016, 812, 240-246.	1.8	13
43	Iron carbonyl complexes bearing phenazine and acridine ligands: X-ray structures of $\text{Fe}(\text{CO})_3(\mu\text{-C}_{12}\text{H}_8\text{N}_2)$, $\text{Fe}(\text{CO})_2\{\text{P}(\text{OMe})_3\}(\mu\text{-C}_{12}\text{H}_8\text{N}_2)$, $\text{Fe}(\text{CO})_2(\text{PPh}_3)(\mu\text{-C}_{12}\text{H}_8\text{N}_2)$, and $\text{Fe}(\text{CO})_2(\mu\text{-dppm})(\mu\text{-C}_{12}\text{H}_8\text{N}_2)$. <i>Journal of Organometallic Chemistry</i> , 2016, 805, 34-41.	1.8	7
44	Thermal transformations of tris(2-thienyl)phosphine (PTh ₃) at low-valent ruthenium cluster centers: Part I. Carbon-hydrogen, carbon-phosphorus and carbon-sulfur bond activation yielding $\text{Ru}_3(\text{CO})_8\text{L}\{\mu\text{-Th}_2\text{P}(\text{C}_4\text{H}_2\text{S})\}(\mu\text{-H})$ ($\text{L}=\text{ACO, PTh}_3$), $\text{Ru}_3(\text{CO})_7(\mu\text{-PTh}_2)(\mu_3\text{-}\mu\text{-C}_4\text{H}_2\text{S})$, $\text{Ru}_4(\text{CO})_9(\mu\text{-CO})_2(\mu_4\text{-}\mu\text{-C}_4\text{H}_2\text{S})(\mu_4\text{-PTh})$ and $\text{Ru}_5(\text{CO})_{11}(\mu_4\text{-PTh}_2)(\mu_4\text{-}\mu\text{-C}_4\text{H}_3)(\mu_4\text{-S})$. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 197-206.	1.8	7
45	Reactions of $[\text{CpM}(\text{CO})_3]_2$ ($\text{M}=\text{Mo, W}$) with Ph_3SnSR : formation of $\text{CpM}(\text{CO})_3(\text{SnPh}_3)$ and $\text{CpM}(\text{CO})_2(\mu\text{-SR})$ via $\text{S}-\text{C}$ bond cleavage. <i>Journal of Coordination Chemistry</i> , 2015, 68, 1903-1912.	2.2	3
46	Oxidative-addition of the N-H bond of saccharin (sach) to a triosmium centre: Synthesis, structure and reactivity of $\text{Os}_3(\text{CO})_{10}(\mu\text{-H})(\mu\text{-sac})$. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 281-290.	1.8	6
47	Phenazine-substituted polynuclear osmium clusters: Synthesis and DFT evaluation of the C-metalated derivatives $\text{Os}_3(\text{CO})_9(\mu_3\text{-}\mu\text{-C}_{12}\text{H}_7\text{N}_2)(\mu\text{-H})$ and $\text{Os}_3(\text{CO})_9(\mu_3\text{-}\mu\text{-C}_{12}\text{H}_6\text{N}_2)(\mu\text{-H})_2$. <i>Journal of Organometallic Chemistry</i> , 2015, 779, 21-29.	1.8	7
48	Electrocatalytic proton reduction catalysed by the low-valent tetrairon-oxo cluster $[\text{Fe}_4(\text{CO})_{10}(\mu_3\text{-dppn})(\mu_3\text{-O})]^{2+}$ [$\text{dppn} = 1,1\text{-bis}(\text{diphenylphosphino})\text{naphthalene}$]. <i>Dalton Transactions</i> , 2015, 44, 5160-5169.	3.3	11
49	Backbone Modified Small Bite-Angle Diphosphines: Synthesis, Structure, Fluxionality and Regioselective Thermally-Induced Transformations of $\text{Ru}_3(\text{CO})_{10}\{\mu\text{-Ph}_2\text{PCH}(\text{Me})\text{PPh}_2\}$. <i>Journal of Cluster Science</i> , 2015, 26, 169-185.	3.3	10
50	Synthesis, structure and bonding of new mono- and dinuclear molybdenum complexes containing pyridine-2-thiolate (pyS) and different P-donors. <i>Inorganica Chimica Acta</i> , 2015, 434, 150-157.	2.4	13
51	Reactivity of $[\text{CpMo}(\text{CO})_2]_2$ towards heterocyclic thiols: Synthesis, structure, and bonding in the sulfido-ligated cluster $\text{Cp}_3\text{Mo}_3(\mu\text{-CO})_2(\mu_2\text{-}\mu\text{-C}_7\text{H}_4\text{NS})(\mu\text{-S})(\mu_3\text{-S})$. <i>Inorganica Chimica Acta</i> , 2015, 434, 97-103.	2.4	6
52	Reactions of the $\mu\text{-furyl}$ complex $[\text{Fe}_2(\text{CO})_6(\mu\text{-Fu})(\mu\text{-PFu}_2)]$ ($\text{Fu}=\mu\text{-C}_4\text{H}_3\text{O}$) with phosphines: Carbonyl substitution, migratory carbonyl insertion and cyclometallation-induced furan elimination. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 326-335.	1.8	11
53	A comparative study of the reactivity of the lightly stabilized cluster $[\text{Os}_3(\text{CO})_8(\mu_3\text{-Ph}_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_4)(\mu\text{-H})]$ towards tri(2-thienyl)-, tri(2-furyl)- and triphenyl-phosphine. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 399-411.	1.8	9
54	Bioinspired Hydrogenase Models: The Mixed-Valence Triiron Complex $[\text{Fe}_3(\text{CO})_7(\mu\text{-edt})_2]$ and Phosphine Derivatives $[\text{Fe}_3(\text{CO})_7\mu\text{-}(\text{PPh}_3)_x(\mu\text{-edt})_2]$ ($x = 1, 2$) and $[\text{Fe}_3(\text{CO})_5(\mu_3\text{-diphosphine})(\mu\text{-edt})_2]$ as Proton Reduction Catalysts. <i>Organometallics</i> , 2014, 33, 1356-1366.	2.3	22

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55	Synthesis of $[\text{Ru}_3(\text{CO})_9(\eta^3\text{-dppf})\{\text{P}(\text{C}_4\text{H}_3\text{E})_3\}]$ ($\text{E} = \text{O}, \text{S}$) and thermally induced cyclometalation to form $[(\eta^3\text{-H})\text{Ru}_3(\text{CO})_7(\eta^3\text{-dppf})\{\eta^3\text{-}(\text{C}_4\text{H}_3\text{E})_2\text{P}(\text{C}_4\text{H}_2\text{E})\}]$ (dppf = 1,1'-bis(diphenylphosphino)ferrocene). <i>Journal of Organometallic Chemistry</i> , 2014, 760, 231-239.		13
56	Bimetallic osmium-tin complexes: Stannylenes and hydrostannylenes clusters upon addition of Ph_3SnH to unsaturated triosmium clusters $[(\eta^3\text{-H})_2\text{Os}_3(\text{CO})_8(\eta^3\text{-diphosphine})]$ (diphosphine = dppm, dppf). <i>Inorganica Chimica Acta</i> , 2014, 409, 320-329.	2.4	21
57	Experimental and computational studies on the reaction of silanes with the diphosphine-bridged triruthenium clusters $\text{Ru}_3(\text{CO})_{10}(\eta^3\text{-dppf})$, $\text{Ru}_3(\text{CO})_{10}(\eta^3\text{-dppm})$ and $\text{Ru}_3(\text{CO})_9\{\eta^3\text{-PPhCH}_2\text{PPh}(\text{C}_6\text{H}_4)\}$. <i>Journal of Organometallic Chemistry</i> , 2014, 767, 185-195.		9
58	Generation of $\eta^3\text{-furyl}$ and thienyl ligands at di-iron centers via facile phosphorus-carbon bond cleavage: Synthesis and molecular structures of $[\text{Fe}_2(\text{CO})_6(\eta^3\text{-}1,1,1\text{-}2\text{-C}_4\text{H}_3\text{E})\{\eta^3\text{-P}(\text{C}_4\text{H}_3\text{E})_2\}]$ ($\text{E} = \text{O}, \text{S}$). <i>Journal of Organometallic Chemistry</i> , 2013, 730, 123-131.		11
59	$\text{Re}_2(\text{CO})_6(\eta^3\text{-thpymS})_2$ (thpymSH = pyrimidine-2-thiol) as a versatile precursor to mono- and polynuclear complexes: X-ray crystal structures of <i>fac</i> - $\text{Re}(\text{CO})_3(\text{PPh}_3)(\eta^3\text{-thpymS})$ and two isomers of $\text{ReRu}_3(\text{CO})_{13}(\eta^3\text{-thpymS})$. <i>Journal of Organometallic Chemistry</i> , 2013, 728, 30-37.	1.8	11
60	Triosmium Clusters Containing 2-Mercaptobenzothiazolate Ligands. <i>Australian Journal of Chemistry</i> , 2012, 65, 773.	0.9	11
61	The First Carbonyl-Substituted Derivative of $[\text{Mn}_2(\text{CO})_6(\mu\text{-pyS})_2]$. <i>Australian Journal of Chemistry</i> , 2012, 65, 796.	0.9	8
62	Reactivity of Triruthenium Furyne and Thiophyne Clusters: Multiple Additions of Thiolato and Selenolato Ligands through Oxidative Addition of S-H and Se-H Bonds. <i>Organometallics</i> , 2012, 31, 2546-2558.	2.3	13
63	Backbone Modified Small Bite-Angle Diphosphines: Synthesis, Structure and Regioselective Thermal Rearrangements of $\text{Os}_3(\text{CO})_{10}\{\eta^3\text{-Ph}_2\text{PCH}(\text{Me})\text{PPh}_2\}$. <i>Journal of Cluster Science</i> , 2012, 23, 781-798.	3.3	11
64	Carbon-Hydrogen Bond Activation of Phenyl-di(2-Thienyl)Phosphine at a Triruthenium Cluster Center. <i>Journal of Bangladesh Chemical Society</i> , 2012, 25, 1-6.	0.3	3
65	Synthesis, structure and reactivity of $[\text{Mn}_2(\text{CO})_6(\eta^3\text{-MBT})_2]$ (MBT = 2-mercaptobenzothiazolato): A versatile precursor for mono- and polynuclear compounds. <i>Inorganica Chimica Acta</i> , 2012, 384, 76-82.	2.4	20
66	Reactivity of tri(2-furyl)phosphine (PFu ₃) with $[\text{Mn}_2(\text{CO})_{10}(\text{NCMe})_n]$ ($n = 0-2$): X-ray Structure of <i>mer</i> - $[\text{Mn}(\text{CO})_3(\eta^3\text{-}1\text{-C}_4\text{H}_3\text{O})(\text{PFu}_3)_2]$. <i>Inorganica Chimica Acta</i> , 2012, 382, 199-202.	2.4	14
67	Chalcogenide-capped triruthenium clusters: X-ray structures of $[\text{Ru}_3(\text{CO})_6(\eta^3\text{-CO})\{\text{P}(\text{C}_4\text{H}_3\text{S})_3\}(\eta^3\text{-dppm})(\eta^3\text{-O})]$ and $[(\eta^3\text{-H})_2\text{Ru}_3(\text{CO})_6\{\text{P}(\text{C}_4\text{H}_3\text{S})_3\}(\eta^3\text{-dppm})(\eta^3\text{-S})]$. <i>Inorganica Chimica Acta</i> , 2011, 376, 170-174.		11
68	Reactivity of electron-deficient triosmium quinoline cluster $[\text{Os}_3(\text{CO})_9(\eta^3\text{-}1,2\text{-C}_9\text{H}_6\text{N})(\eta^3\text{-H})]$ with alkynes. <i>Inorganica Chimica Acta</i> , 2011, 378, 307-310.	2.4	9
69	Bio-inspired hydrogenase models: mixed-valence trinuclear complexes as proton reduction catalysts. <i>Chemical Communications</i> , 2011, 47, 11222.	4.1	23
70	Reaction of tri(2-furyl)phosphine with triosmium clusters: C-H and P=C activation to afford furyne and phosphinidene ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 607-612.	1.8	13
71	Unsymmetrical alkyne binding to a triruthenium centre: Oxidative-addition of diphenyl ditelluride to the furyne cluster $[\text{Ru}_3(\text{CO})_7(\eta^3\text{-H})(\eta^3\text{-}1,2\text{-C}_4\text{H}_2\text{O})\{\eta^3\text{-P}(\text{C}_4\text{H}_3\text{O})_2\}(\eta^3\text{-dppm})]$. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1982-1989.	1.8	12
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#	ARTICLE	IF	CITATIONS
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76	X-ray Structure of mer-[Mo(CO) ₃ (PPh ₃)(η^2 -dppm)]. <i>Journal of Chemical Crystallography</i> , 2010, 40, 712-715.	1.1	1
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80	Diphosphine Mobility at a Binuclear Metal Center: A Concerted Double Trigonal-Twist in Bis(dithiolate) Complexes [M ₂ (CO) ₄ (η^1 -dppm)(η^1 -S(CH ₂) ₂) ₂] _n (M = Fe, Ru); <i>Tj ETQqO 0 0 f gBT /Over</i>	2.3	28
81	Cluster chemistry in the Noughties: new developments and their relationship to nanoparticles. <i>Dalton Transactions</i> , 2010, 39, 6153.	3.3	70
82	The rational synthesis of tetranuclear heterometallic butterfly clusters: reactions of [M ₂ (CO) ₆ (η^1 -pyS) ₂] (M = Re, Mn) with group VIII metal carbonyls. <i>New Journal of Chemistry</i> , 2010, 34, 1875.	2.8	22
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87	Sn-S and Ru-Ru bonds cleavage reactions between [Ph ₃ SnS(CH ₂) ₃ SSnPh ₃] and Ru ₃ (CO) ₁₂ : X-ray crystal structures of [Ph ₃ SnS(CH ₂) ₃ SSnPh ₃] and trans-[Ru(CO) ₄ (SnPh ₃) ₂]. <i>Inorganica Chimica Acta</i> , 2009, 362, 4226-4230.	2.4	9
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89	Cleavage of Ge-S and C-H bonds in the reaction of electron-deficient [Os ₃ (CO) ₈ (η^1 -H)(η^3 -Ph ₂ PCH ₂ P(Ph) ₂ C ₆ H ₄)] with Ph ₃ GeSPh: Generation of thiophenol derivatives [Os ₃ (CO) ₈ (η^1 -H)(η^1 -SPh)(η^1 -dppm)] and [Os ₃ (CO) ₇ (η^1 -H)(η^1 -SPh)(η^3 -SC ₆ H ₄)(η^1 -dppm)]. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 752-756.	1.8	14
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96	Models of the iron-only hydrogenase: Synthesis and protonation of bridge and chelate complexes [Fe ₂ (CO) ₄ {Ph ₂ P(CH ₂) _n PPh ₂ }($\frac{1}{4}$ -pdt)] (n=2-4) - evidence for a terminal hydride intermediate. <i>Comptes Rendus Chimie</i> , 2008, 11, 890-905.	0.5	91
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99	Reaction of [Ru ₃ (CO) ₁₂] with tri(2-furyl)phosphine: Di- and tri-substituted triruthenium and phosphido-bridged diruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1645-1655.	1.8	20
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112	Reactions of the unsaturated triosmium cluster [(η^4 -H)Os ₃ (CO) ₈ (Ph ₂ PCH ₂ P(Ph)C ₆ H ₄)] with HX (X=Cl, Br, I) and the two isomers of [(η^4 -H)Os ₃ (CO) ₇ (η^1 -Cl)(η^4 -Cl) ₂ (η^4 -dppm)], [(η^4 -H)Os ₃ (CO) ₈ (Ph ₂ PCH ₂ P(Ph)C ₆ H ₄)]+[CF ₃ O] ⁻ and the two isomers of [(η^4 -H)Os ₃ (CO) ₈ (η^4 -Cl)(η^4 -dppm)]. Journal of Organometallic Chemistry, 2005, 690, 3044-3053.	1.8	8
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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