Shishir Ghosh

List of Publications by Year
in descending order

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93	1,300	394421	454955
papers	citations	19 h-index	30 g-index

95	95	95	536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Models of the iron-only hydrogenase: a comparison of chelate and bridge isomers of Fe2(CO)4{Ph2PN(R)PPh2}(Î¼-pdt) as proton-reduction catalysts. Dalton Transactions, 2013, 42, 6775.	3.3	111
2	Hydrogenase biomimetics: Fe₂(CO)₄(Î¼-dppf)(Î¼-pdt) (dppf =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Chemical Communications, 2014, 50, 945-947.	4.1	105
3	Biomimetics of the [FeFe]-hydrogenase enzyme: Identification of kinetically favoured apical-basal [Fe2(CO)4(Î¼-H){Î²2-Ph2PC(Me2)PPh2}(Î¼-pdt)]+ as a proton-reduction catalyst. Journal of Organometallic Chemistry, 2016, 812, 247-258.	1.8	54
4	Hydrogenase biomimetics with redox-active ligands: Electrocatalytic proton reduction by [Fe2(CO)4(Î²2-diamine)(Î¼-edt)] (diamine = 2,2â€²-bipy, 1,10-phen). Polyhedron, 2016, 116, 127-135.	2.2	36
5	Carbonâ^'Phosphorus Bond Activation of Tri(2-thienyl)phosphine at Dirhenium and Dimanganese Centers. Organometallics, 2009, 28, 1514-1523.	2.3	35
6	Reactions of rhenium and manganese carbonyl complexes with 1,8-bis(diphenylphosphino)naphthalene: Ligand chelation, Câ€“H and Câ€“P bond-cleavage reactions. Journal of Organometallic Chemistry, 2008, 693, 2657-2665.	1.8	33
7	Models of the iron-only hydrogenase enzyme: structure, electrochemistry and catalytic activity of Fe₂(CO)₃(Î¼-dithiolate)(Î¼,Î²¹,Î²²-triphos). Dalton Transactions, 2019, 48, 6174-6190.	3.3	31
8	Hydrogenase biomimics containing redox-active ligands: Fe₂(CO)₄(Î¼-edt)(Î²²-bpcd) with electron-acceptor 4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd) as a potential [Fe₄â€“S₄]_H surrogate. Dalton Transactions, 2019, 48, 6051-6060.	3.3	31
9	New Mixedâ€Metal Carbonyl Complexes Containing Bridging 2â€Mercaptoâ€1â€methylimidazole Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 76-87.	1.2	30
10	Combining anti-cancer drugs with artificial sweeteners: Synthesis and anti-cancer activity of saccharinate (sac) and thiosaccharinate (tsac) complexes cis -[Pt(sac) 2 (NH 3) 2] and cis -[Pt(tsac) 2 (NH 3) 2]. Journal of Inorganic Biochemistry, 2014, 141, 55-57.	3.5	27
11	Mixed-metal cluster synthesis: [Re(CO)3(Î¼-S2NC7H4)]2 as a precursor for tri- and tetranuclear 2-mercaptobenzothiolato capped clusters. Journal of Organometallic Chemistry, 2010, 695, 1146-1154.	1.8	26
12	Synthesis of new heterometallic complexes by tinâ€“sulfur bond cleavage of pySSnPh3 (pySH =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 696, 2153-2160.	1.8	26
13	Tetranuclear group 7/8 mixed-metal and open trinuclear group 7 metal carbonyl clusters bearing bridging 2-mercapto-1-methylimidazole ligands. Dalton Transactions, 2009, , 3510.	3.3	24
14	Bio-inspired hydrogenase models: mixed-valence triion complexes as proton reduction catalysts. Chemical Communications, 2011, 47, 11222.	4.1	23
15	Fluorinated models of the iron-only hydrogenase: An electrochemical study of the influence of an electron-withdrawing bridge on the proton reduction overpotential and catalyst stability. Journal of Electroanalytical Chemistry, 2013, 703, 14-22.	3.8	23
16	The rational synthesis of tetranuclear heterometallic butterfly clusters: reactions of [M2(CO)6(Î¼-pyS)2] (M = Re, Mn) with group VIII metal carbonyls. New Journal of Chemistry, 2010, 34, 1875.	2.8	22
17	Bioinspired Hydrogenase Models: The Mixed-Valence Triiron Complex [Fe₃(CO)₇(Î¼-edt)₂] and Phosphine Derivatives [Fe₃(CO)_{7â€“x}(PPh₃)_x(Î¼-edt)₂] (x = 1, 2) and [Fe₃(CO)₅(Î²²-diphosphine)(Î¼-edt)₂] as Proton Reduction Catalysts. Organometallics, 2014, 33, 1356-1366.	2.3	22
18	Bimetallic osmium-tin complexes: Stannylene and hydrostannylene clusters upon addition of Ph3SnH to unsaturated triosmium clusters [(Î¼-H)2Os3(CO)8(Î¼-diphosphine)] (diphosphine = dppm, dppf). Inorganica Chimica Acta, 2014, 409, 320-329.	2.4	21

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19	Synthesis, structure and reactivity of [Mn2(CO)6(Î¼-MBT)2] (MBT = 2-mercaptobenzothiazolato): A versatile precursor for mono- and polynuclear compounds. Inorganica Chimica Acta, 2012, 384, 76-82.	2.4	20
20	Centrosymmetric [Mn2(CO)6(Î¼-thpymS)2] (thpymS = tetrahydropyrimidine-2-thionato) as a synthon to mixed-metal clusters. Journal of Organometallic Chemistry, 2011, 696, 2935-2942.	1.8	19
21	A comparative study of the reactivity of unsaturated triosmium clusters [Os3(CO)8{Î¼3-Ph2PCH2P(Ph)C6H4}(Î¼-H)] and [Os3(CO)9{Î¼3-Î·2-C7H3(2-Me)NS}(Î¼-H)] with BuNC. Journal of Organometallic Chemistry, 2008, 693, 3613-3621.	1.8	18
22	Activation of tri(2-furyl)phosphine at a dirhenium centre: Formation of phosphido-bridged dirhenium complexes. Journal of Organometallic Chemistry, 2009, 694, 2941-2948.	1.8	17
23	Synthesis, Molecular Structures and Electrochemical Investigations of [FeFe]â€Hydrogenase Biomimics [Fe₂(CO)_{6â€n}(EPh₃)_n(Âµâ€edt)] (E = P, As, Sb; n	2.1	17
24	Reactivity of phenyldi(2-thienyl)phosphine towards group 7 metal carbonyls: Carbonâ€“phosphorus bond activation. Inorganica Chimica Acta, 2009, 362, 5175-5182.	2.4	14
25	Cleavage of Geâ€“S and Câ€“H bonds in the reaction of electron-deficient [Os3(CO)8(Î¼-H)(Î¼3-Ph2PCH2P(Ph)C6H4)] with Ph3GeSPh: Generation of thiophenol derivatives [Os3(CO)8(Î¼-H)(Î¼-SPh)(Î¼-dppm)] and [Os3(CO)7(Î¼-H)(Î¼-SPh)(Î¼3-SC6H4)(Î¼-dppm)]. Journal of Organometallic Chemistry, 2009, 694, 752-756.	1.8	14
26	Investigations of 2-Thiazoline-2-thiol as a Ligand: Synthesis and X-ray Structures of [Mn2(CO)7(Î¼-NS2C3H4)2] and [Mn(CO)3(PPh3)(Î² 2-NS2C3H4)]. Journal of Chemical Crystallography, 2009, 39, 595-602.	1.1	13
27	Reaction of tri(2-furyl)phosphine with triosmium clusters: Câ€“H and Pâ€“C activation to afford furyne and phosphinidene ligands. Journal of Organometallic Chemistry, 2011, 696, 607-612.	1.8	13
28	Reactivity of Triruthenium Furyne and Thiophyne Clusters: Multiple Additions of Thiolato and Selenolato Ligands through Oxidative Addition of Sâ€“H and Seâ€“H Bonds. Organometallics, 2012, 31, 2546-2558.	2.3	13
29	Synthesis of [Ru3(CO)9(Î¼-dppf){P(C4H3E)3}] (EÂ=ÂO, S) and thermally induced cyclometalation to form [(Î¼-H)Ru3(CO)7(Î¼-dppf){Î¼3-(C4H3E)2P(C4H2E)}] (dppfÂ=Â1,1â€²-bis(diphenylphosphino)ferrocene). Journal of Organometallic Chemistry, 2014, 760, 231-239.	1.8	13
30	Synthesis, structure and bonding of new mono- and dinuclear molybdenum complexes containing pyridine-2-thiolate (pyS) and different P-donors. Inorganica Chimica Acta, 2015, 434, 150-157.	2.4	13
31	Hydrogenase biomimetics: structural and spectroscopic studies on diphosphine-substituted derivatives of Fe2(CO)6(Âµ-edt) (edtÂ=Âethanedithiolate) and Fe2(CO)6(Âµ-tdt) (tdtÂ=Â1,3-toluenedithiolate). Transition Metal Chemistry, 2016, 41, 933-942.	1.4	13
32	Oxidative-addition of germaniumâ€“hydrogen bonds to triosmium centers: Reactions of Os3(CO)10(Î¼-dppm) and Os3(CO)8(Î¼3-Ph2PCH2P(Ph)C6H4)(Î¼-H) with Ph3GeH. Journal of Organometallic Chemistry, 2016, 812, 240-246.	1.8	13
33	Electrocatalytic proton reduction by thiolate-capped triiron clusters [Fe3(CO)9(Î¼3-SR)(Î¼-H)] (Râ€¯=â€¯iPr, tBu). Inorganica Chimica Acta, 2018, 480, 47-53.	2.4	13
34	Synthesis and Molecular Structure of [Fe4(CO)10(Î¼4-O)(Î²2-dppn)] (dppn =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (1,8-bis(dipl	2.3	12
35	Carbonâ€“hydrogen bond activation of phenyldi(2-thienyl)phosphine at a triosmium cluster centre. Inorganica Chimica Acta, 2010, 363, 1611-1614.	2.4	12
36	Reactions of Ru3(CO)10(Î¼-dppm) with Ph3GeH: Geâ€“H and Geâ€“C bond cleavage in Ph3GeH at triruthenium clusters. Journal of Organometallic Chemistry, 2017, 843, 75-86.	1.8	12

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37	Decarbonylation Reaction of [Os3(CO)10(Î¼-H)(Î¼-SN2C4H5)]: X-ray Structures of the Two Isomers of [Os3(CO)9(Î¼-H)(Î¼ 3-Î· 2-SN2C4H5)]. Journal of Chemical Crystallography, 2009, 39, 632-637.	1.1	11
38	Cluster-mediated alkenyl isomerism and carbonâ€“carbon bond formation: The reaction of the unsaturated benzothiazole cluster [Os3(CO)9(Î¼3-C7H4NS)(Î¼-H)] with dimethyl acetylenedicarboxylate. Journal of Organometallic Chemistry, 2010, 695, 1435-1440.	1.8	11
39	Triosmium Clusters Containing 2-Mercaptobenzothiazolate Ligands. Australian Journal of Chemistry, 2012, 65, 773.	0.9	11
40	Backbone Modified Small Bite-Angle Diphosphines: Synthesis, Structure and Regioselective Thermal Rearrangements of Os3(CO)10{Î¼-Ph2PCH(Me)PPh2}. Journal of Cluster Science, 2012, 23, 781-798.	3.3	11
41	Re2(CO)6(Î¼-thpymS)2 (thpymSHÂ= pyrimidine-2-thiol) as a versatile precursor to mono- and polynuclear complexes: X-ray crystal structures of fac-Re(CO)3(PPh3)(Î²2-thpymS) and two isomers of ReRu3(CO)13(Î¼3-thpymS). Journal of Organometallic Chemistry, 2013, 728, 30-37.	1.8	11
42	Reactions of the Ïƒ,Ï€-furyl complex [Fe2(CO)6(Î¼-Fu)(Î¼-PFu2)] (FuÂ=ÂC4H3O) with phosphines: Carbonyl substitution, migratory carbonyl insertion and cyclometallation-induced furan elimination. Journal of Organometallic Chemistry, 2014, 751, 326-335.	1.8	11
43	Electrocatalytic proton reduction catalysed by the low-valent tetrairon-oxo cluster [Fe₄(CO)₁₀(Î²²-dppn)(Î¼₄-O)]^{2â^'} [dppn = 1,1â€²-bis(diphenylphosphino)naphthalene]. Dalton Transactions, 2015, 44, 5160-5169.	3.3	11
44	Biomimics of [FeFe]-hydrogenases incorporating redox-active ligands: synthesis, redox properties and spectroelectrochemistry of diiron-dithiolate complexes with ferrocenyl-diphosphines as Fe₄S₄ surrogates. Dalton Transactions, 2022, 51, 9748-9769.	3.3	11
45	Reactivity of [Re2(CO)8(MeCN)2] With 1-vinylimidazole: X-ray Structures of [Re2(CO)8{Î· 1-NC3H3N(CH=CH2)}2] and [ReCl2(CO)2{Î· 1-NC3H3N(CH=CH2)}2]. Journal of Chemical Crystallography, 2009, 39, 702-707.	1.1	10
46	Backbone Modified Small Bite-Angle Diphosphines: Synthesis, Structure, Fluxionality and Regioselective Thermally-Induced Transformations of Ru3(CO)10{Âµ-Ph2PCH(Me)PPh2}. Journal of Cluster Science, 2015, 26, 169-185.	3.3	10
47	A comparative study of the electrochemical and proton-reduction behaviour of diphosphine-dithiolate complexes [M2(CO)4(Î¼-dppm){Î¼-S(CH2) n S}] (MÂ=ÂFe, Ru; nÂ=Â2, 3). Transition Metal Chemistry, 2017, 42, 597-603.	1.4	10
48	Experimental and computational preference for phosphine regioselectivity and stereoselective tripodal rotation in HOs₃(CO)₈(PPh₃)₂(Î¼-1,2-N,C-Î·¹,Î²¹-C₇H<... RSC Advances, 2018, 8, 32672-32683.	3.6	10
49	Hydrogenase Biomimetics with Redox-Active Ligands: Synthesis, Structure, and Electrocatalytic Studies on [Fe2(CO)4(Î²2-dppn)(Âµ-edt)] (edt = Ethanedithiolate; dppn =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 257 Td (1,8-bis	2.7	10
50	Snâ€“S and Ruâ€“Ru bonds cleavage reactions between [Ph3SnS(CH2)3SSnPh3] and Ru3(CO)12: X-ray crystal structures of [Ph3SnS(CH2)3SSnPh3] and trans-[Ru(CO)4(SnPh3)2]. Inorganica Chimica Acta, 2009, 362, 4226-4230.	2.4	9
51	Reactivity of electron-deficient triosmium quinoline cluster [Os3(CO)9(Î¼3-Î·2-C9H6N)(Î¼-H)] with alkynes. Inorganica Chimica Acta, 2011, 378, 307-310.	2.4	9
52	Bridging allyl ligands upon allene insertion into electron-deficient triosmium-hydride clusters [Os3(CO)9(Î¼3-NSC7H3R)(Î¼-H)] (RÂ=ÂH, Me). Journal of Organometallic Chemistry, 2011, 696, 3036-3039.	1.8	9
53	Experimental and computational studies on the reaction of silanes with the diphosphine-bridged triruthenium clusters Ru3(CO)10(Î¼-dppf), Ru3(CO)10(Î¼-dppm) and Ru3(CO)9{Î¼3-PPhCH2PPh(C6H4)}. Journal of Organometallic Chemistry, 2014, 767, 185-195.	1.8	9
54	Trinuclear clusters containing 2-aminopyridinate/pyrimidinate ligands as electrocatalysts for proton reduction. Journal of Organometallic Chemistry, 2017, 851, 57-67.	1.8	9

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55	Synthesis, Structure and Reactivity of Electron Deficient Triosmium Cluster Bearing 2,6-Dimethylbenzothiazolide Ligand. Journal of Chemical Crystallography, 2010, 40, 572-578.	1.1	8
56	The First Carbonyl-Substituted Derivative of [Mn2(CO)6(Âµ-pyS)2]. Australian Journal of Chemistry, 2012, 65, 796.	0.9	8
57	Variations in binding modes of 2-mercaptobenzoxazolates in the novel cyclic trinuclear complexes [Mn3(CO)10(Î¼-SCNOC6H4)3] and [Re3(CO)12(Î¼-SCNOC6H4)3]. Inorganic Chemistry Communication, 2015, 54, 69-72.	2.4	8
58	Mixed main group transition metal clusters: Reactions of [Ru 3 (CO) 10 (Î¼-dppm)] with Ph 3 SnH. Journal of Organometallic Chemistry, 2017, 840, 47-55.	1.8	8
59	Mn2(CO)6(Î¼-mbi)2 as a precursor for mono- and polynuclear complexes containing the 2-mercaptobenzimidazolate (mbi) ligand. Polyhedron, 2018, 152, 164-171.	2.2	8
60	Iron carbonyl complexes bearing phenazine and acridine ligands: X-ray structures of Fe(CO)3(Î·4-C12H8N2), Fe(CO)2{P(OMe)3}(Î·4-C12H8N2), Fe(CO)2(PPh3) (Î·4-C13H9N), and Fe(CO)2(Îº1-dppm) (Î·4-C12H8N2). Journal of Organometallic Chemistry, 2016, 805, 34-41.	1.8	7
61	Reversible C-H bond activation at a triosmium centre: A comparative study of the reactivity of unsaturated triosmium clusters Os 3 (CO) 8 (Î¼-dppm)(Î¼-H) 2 and Os 3 (CO) 8 (Î¼-dppf)(Î¼-H) 2 with activated alkynes. Journal of Organometallic Chemistry, 2017, 836-837, 68-80.	1.8	7
62	Investigation on the reactivity of tetranuclear Group 7/8 mixed-metal clusters toward triphenylphosphine. Polyhedron, 2018, 146, 154-160.	2.2	7
63	Reactions of [Os3(CO)10(Î¼-dppm)] and [HOs3(CO)8{Î¼3-Ph2PCH2P(Ph)C6H4}] with Bu3GeH: Geâ€“H and Geâ€“C bond cleavage at triosmium centers. Journal of Organometallic Chemistry, 2019, 898, 120862.	1.8	7
64	Reactions of [Ru3(CO)12] with thiosaccharin: Synthesis and structure of di-, tri-, tetra- and penta-ruthenium complexes containing a thiosaccharinate ligand(s). Journal of Organometallic Chemistry, 2020, 906, 121048.	1.8	7
65	Facile Os-Os bond cleavage in the reactions of [Os3(CO)10(NCMe)2] and [Os3(CO)10(Î¼-H)2] with tetramethylthiuram disulfide (tmtd): Syntheses and crystal structures of new polynuclear osmium carbonyl complexes containing a dimethyldithiocarbamate ligand(s). Journal of Organometallic Chemistry, 2020, 911, 121133.	1.8	7
66	Oxidative-addition of the Nâ€“H bond of saccharin (sacH) to a triosmium centre: Synthesis, structure and reactivity of Os 3 (CO) 10 (Î¼-H)(Î¼-sac). Journal of Organometallic Chemistry, 2015, 799-800, 281-290.	1.8	6
67	Reactivity of [CpMo(CO)2]2 towards heterocyclic thiols: Synthesis, structure, and bonding in the sulfido-ligated cluster Cp3Mo3(Î¼-CO)2(Î¼-Îº2-C7H4NS)(Î¼-S)(Î¼3-S). Inorganica Chimica Acta, 2015, 434, 97-103.	2.4	6
68	Chalcogenide-capped triiron clusters [Fe3(CO)9(Î¼3-E)2], [Fe3(CO)7(Î¼3-CO)(Î¼3-E)(Î¼-dppm)] and [Fe3(CO)7(Î¼3-E)2(Î¼-dppm)] (EÂ= S, Se) as proton-reduction catalysts. Journal of Organometallic Chemistry, 2019, 880, 213-222.	1.8	6
69	Reactions of triosmium and triruthenium clusters with 2-ethynylpyridine: new modes for alkyne Câ€“C bond coupling and Câ€“H bond activation. RSC Advances, 2020, 10, 30671-30682.	3.6	6
70	An exhibition of different coordination modes displayed by 2-vinylpyrazine and 2-vinylpyridine at triosmium centres. Journal of Organometallic Chemistry, 2017, 849-850, 80-87.	1.8	5
71	Electrocatalytic proton reduction by [Fe(CO) 2 (Îº 2 -dppv)(Îº 1 -SAr) 2] (dppv = cis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	2.2	5
72	Reactions of the face-capped benzothiazolate-substituted clusters Os3(CO)9(Î¼3,Î·2-C7H3NSR)(Î¼-H) (RÂ=ÂH, Me) with PPh3: Kinetic formation of Os3(CO)9(PPh3)(Î¼,Î·2-C7H3NSR)(Î¼-H) and thermally induced ligand isomerization. Journal of Organometallic Chemistry, 2017, 849-850, 337-349.	1.8	4

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73	Diphosphine-induced thiolate-bridge scission of [Re(CO)3(Î¼,Î²2-S,N-thpymS)]2 (thpymSÂ=) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf isomers of [Re(CO)3(Î²2-S,N-thpymS)]2(Î¼,Î²1,Î²1-dppe). Journal of Organometallic Chemistry, 2018, 871, 167-177.	1.8	4
74	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 Î²2 and Âμ,Î²2-pymS coordination motifs. Polyhedron, 2019, 164, 55-63.	2.2	4
75	Activation of thiosaccharin at a polynuclear osmium cluster. Journal of Organometallic Chemistry, 2019, 880, 223-231.	1.8	4
76	Thermolysis of [HOs3(CO)8{Âμ3-Ph2PCH2P(Ph)C6H4}]: New Os2- and Os3- cluster products based on multiple C H bond activation of the bis(diphenylphosphino)methane ligand. Inorganica Chimica Acta, 2020, 510, 119733.	2.4	4
77	Reactions of [HOs3(CO)8{Âμ3-Ph2PCH(R)P(Ph)C6H4}] (Râ€‰=â€‰H, Me) with Bu3SnH: synthesis and structure of bimetallic Os-Sn clusters. Transition Metal Chemistry, 2021, 46, 149-157.	1.4	4
78	A new synthetic route for the preparation of [Os₃(CO)₁₀(Î¼-OH)(Î¼-H)] and its reaction with bis(diphenylphosphino)methane (dppm): syntheses and X-ray structures of two isomers of [Os₃(CO)₈(Î¼-OH)(Î¼-H)(Î¼-dppm)] and [Os₃(CO)₇(Î¼₃-CO)(Î¼₃-O)(Î¼-dppm)]. RSC Advances, 2020, 10, 44699-44711.	3.6	4
79	Synthesis, structure and reactivity with phosphines of Hg(<scp>ii</scp>) ortho-cyano-aminothiophenolate complexes formed via Câ€“S bond cleavage and dehydrogenation of 2-aminobenzothiazoles. Dalton Transactions, 2022, , .	3.3	4
80	Reactions of [CpM(CO)3]2 (MÂ=ÂMo, W) with Ph3SnSR: formation of CpM(CO)3(SnPh3) and CpM(CO)2(Î²2-SR) via Snâ€“S bond cleavage. Journal of Coordination Chemistry, 2015, 68, 1903-1912.	2.2	3
81	Reaction of electron-deficient 6-methoxyquinolinate-substituted cluster [Os3(CO)9{Î¼3-Î·1,Î²1-C9H5N(6-OMe)}(Î¼-H)] with PPh3: Thermally induced ligand isomerization, decarbonylation and orthometallation. Inorganica Chimica Acta, 2018, 478, 25-31.	2.4	3
82	Mixed-valence dimolybdenum complexes containing hard oxo and soft carbonyl ligands: synthesis, structure, and electrochemistry of Mo2(O)(CO)2(Î¼-Î²2-S(CH2)nS)2(Î²2-diphosphine). Dalton Transactions, 2018, 47, 10102-10112.	3.3	3
83	Highly efficient electrocatalytic proton-reduction by coordinatively and electronically unsaturated Fe(CO)(Î²2-dppn)(Î²2-tdt). Inorganica Chimica Acta, 2019, 486, 435-440.	2.4	3
84	Reactions of the lightly-stabilized triosmium cluster Os3(CO)8{Î¼3-Ph2PCH(Me)P(Ph)C6H4}(Î¼-H) with two-electron donor ligands. Polyhedron, 2020, 186, 114608.	2.2	3
85	Reactions of [HOs3(CO)10(Âμ-L)] (LÂ=Âsaccharinate, thiosaccharinate) with Ph3SnH and Ph3GeH. Journal of Organometallic Chemistry, 2021, 942, 121819.	1.8	3
86	Alkyne activation and polyhedral reorganization in benzothiazolate-capped osmium clusters on reaction with diethyl acetylenedicarboxylate (DEAD) and ethyl propiolate. Dalton Transactions, 2017, 46, 13597-13609.	3.3	2
87	New molecular architectures containing low-valent cluster centres with di- and trimetalated 2-vinylpyrazine ligands: synthesis and molecular structures of Ru5(CO)15(Î¼5-C4H2N2CHî€CH)(Î¼-H)2 and Ru8(CO)24(Î¼7-C4H2N2CHî€C)(Î¼-H)3. RSC Advances, 2019, 9, 21025-21030.	3.6	2
88	Reactions of [Os3(CO)10(Î¼-H)2] and [Os3(CO)8{Âμ3-Ph2PCH2P(Ph)C6H4}(Î¼-H)] with pymSâ€™SnPh3 (pymSâ€‰=â€‰pyrimidine-2-thiolate): Synthesis and Structure of Triosmium Clusters Containing pymS Ligand. Journal of Chemical Crystallography, 2021, 51, 257-264.	1.1	2
89	Câ€™H activation of caffeine at triruthenium and triosmium centers. Journal of Organometallic Chemistry, 2021, 944, 121791.	1.8	2
90	Ligand coordination in [Re2(CO)9(NCMe)] and [H3Re3(CO)11(NCMe)] by triphenylantimony: Reactivity studies and Sbâ€“Ph bond cleavage to give new antimony-containing di- and trirhenium complexes. Journal of Organometallic Chemistry, 2021, 953, 122034.	1.8	2

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91	X-ray Structure of mer-[Mo(CO)3(PPh3)(Î² 2-dppm)]. Journal of Chemical Crystallography, 2010, 40, 712-715.	1.1	1
92	New Tri- and Pentanuclear Osmium Clusters from [Os3(CO)10(NCMe)2] and Pyrrolidine: Reactivity and X-ray Structure of [HOs3(CO)9(Âµ,Î²2-N=C(CH3)C=NCH2CH2CH2)] and [H3Os5(CO)14(Âµ,Î·1,Î²1-N=CCH2CH2CH2)]. Journal of Cluster Science, 0, , .	2.3	1
93	Reactivity of unsaturated [HOs3(CO)8{Âµ3-Ph2PCH2PPh(C6H4)}] towards activated alkynes RC CR (R=CO2Et, CO2Me). Inorganica Chimica Acta, 2021, 515, 120034.	2.4	0