Stefano Zacchini

List of Publications by Year
in descending order

341 papers	7,406 citations	81900 39 h-index	138484 58 g-index
350 all docs	350 docs citations	350 times ranked	4492 citing authors

#	Article	IF	Citations
1	From neutral iminophosphoranes to multianionic phosphazenates. The coordination chemistry of iminoâ€“aza-P(V) ligands. Coordination Chemistry Reviews, 2002, 227, 193-216.	18.8	156
2	The possible role of metal carbonyl clusters in nanoscience and nanotechnologies. Coordination Chemistry Reviews, 2006, 250, 1580-1604.	18.8	153
3	Characterization and Dynamics of [Pd(Lâˆ'L)H(solv)]+, [Pd(Lâˆ'L)(CH2CH3)]+, and [Pd(Lâˆ'L)(C(O)Et)(THF)]+(Lâˆ'L = 1,2-(CH2PBut2)2C6H4):Â Key Intermediates in the Catalytic Methoxycarbonylation of Ethene to Methylpropanoate. Organometallics, 2002, 21, 1832-1840.	2.3	120
4	Essential Role of the Ancillary Ligand in the Color Tuning of Iridium Tetrazolate Complexes. Inorganic Chemistry, 2008, 47, 10509-10521.	4.0	119
5	Synthesis and spectroscopic characterisation of all the intermediates in the Pd-catalysed methoxycarbonylation of ethene. Chemical Communications, 2000, , 609-610.	4.1	113
6	Synthesis and reactivity of palladium hydrido-solvento complexes, including a key intermediate in the catalytic methoxycarbonylation of ethene to methyl propanoate. Dalton Transactions RSC, 2002, , 3300-3308.	2.3	106
7	New tetrazole-based Cu(<scp>i</scp>) homo- and heteroleptic complexes with various P^P ligands: synthesis, characterization, redox and photophysical properties. Dalton Transactions, 2013, 42, 997-1010.	3.3	103
8	Synthesis and Characterization of Magnetic Nanoalloys from Bimetallic Carbonyl Clusters. Chemistry of Materials, 2009, 21, 3021-3026.	6.7	99
9	Using Metal Carbonyl Clusters To Develop a Molecular Approach towards Metal Nanoparticles. European Journal of Inorganic Chemistry, 2011, 2011, 4125-4145.	2.0	99
10	A New Family of Ruthenium(II) Polypyridine Complexes Bearing 5-Aryltetrazolate Ligands as Systems for Electrochemiluminescent Devices. Inorganic Chemistry, 2006, 45, 695-709.	4.0	78
11	Diiron Î¼-Vinyliminium Complexes from Acetylene Insertion into a Metalâˆ'Aminocarbyne Bond. Organometallics, 2003, 22, 1326-1331.	2.3	76
12	Organostannoxane-Supported Multiferrocenyl Assemblies: Synthesis, Novel Supramolecular Structures, and Electrochemistry. Chemistry - A European Journal, 2005, 11, 5437-5448.	3.3	75
13	Conductive Sub-micrometric Wires of Platinum-Carbonyl Clusters Fabricated by Soft-Lithography. Journal of the American Chemical Society, 2008, 130, 1177-1182.	13.7	68
14	Platinum Carbonyl Clusters Chemistry: Four Decades of Challenging Nanoscience. Journal of Cluster Science, 2014, 25, 115-146.	3.3	67
15	Synthesis of a Tetranuclear Organooxotin Cage by Debenzylation Reactions:Â X-ray Crystal Structure of [(PhCH2)2Sn2O(O2P(OH)-t-Bu)4]2. Organometallics, 2002, 21, 4528-4532.	2.3	66
16	Synthesis and Antiproliferative Activity of New Ruthenium Complexes with Ethacrynic-Acid-Modified Pyridine and Triphenylphosphine Ligands. Inorganic Chemistry, 2015, 54, 6504-6512.	4.0	61
17	A Phosphorus Supported Multisite Coordinating Tris Hydrazone P(S)[N(Me)NCHC6H4-o-OH]3as an Efficient Ligand for the Assembly of Trinuclear Metal Complexes:Â Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2003, 42, 5989-5998.	4.0	60
18	Towards Allâ€Organic Fieldâ€Effect Transistors by Additive Soft Lithography. Small, 2009, 5, 1117-1122.	10.0	59

#	ARTICLE	IF	CITATIONS
19	Solventless Reactions for the Synthesis of Organotin Clusters and CagesÂ§. Organometallics, 2003, 22, 3710-3716.	2.3	56
20	Stereochemistry of the insertion of disubstituted alkynes into the metal aminocarbyne bond in diiron complexes. Journal of Organometallic Chemistry, 2004, 689, 528-538.	1.8	56
21	An Organometallic Approach to Gold Nanoparticles: Synthesis and Xâ€Ray Structure of COâ€Protected Au₂₁Fe₁₀, Au₂₂Fe₁₂, Au₂₈Fe₁₄, and Au₃₄Fe₁₄ Clusters. Angewandte Chemie - International Edition, 2008, 47, 6666-6669.	13.8	56
22	Reactivity of Niobium and Tantalum Pentahalides with Cyclic Ethers and the Isolation and Characterization of Intermediates in the Polymerization of Tetrahydrofuran. Inorganic Chemistry, 2008, 47, 365-372.	4.0	53
23	Regio- and Stereoselective Hydride Addition at Î¼-Vinyliminium Ligands in Cationic Diiron Complexes. Organometallics, 2004, 23, 3348-3354.	2.3	52
24	Catalytic combustion of toluene over cluster-derived gold/iron catalysts. Applied Catalysis A: General, 2010, 372, 138-146.	4.3	52
25	Synthesis and Crystal Structure of [NBu4]2[Pt24(CO)48]: An Infinite 1D Stack of {Pt3(CO)6} Units Morphologically Resembling a CO-Insulated Platinum Cable. Angewandte Chemie - International Edition, 2006, 45, 2060-2062.	13.8	51
26	Pyrazolylcyclotriphosphazene Containing Pendant Polymers:â€‰ Synthesis, Characterization, and Phosphate Ester Hydrolysis Using a Cu(II)-Metalated Cross-Linked Polymeric Catalyst. Inorganic Chemistry, 2002, 41, 5162-5173.	4.0	50
27	Reactivity of niobium(v) and tantalum(v) halides with carbonyl compounds: Synthesis of simple coordination adducts, Câ€“H bond activation, Cî€O protonation, and halide transfer. Dalton Transactions, 2007, , 4343.	3.3	50
28	Longâ€Lived Radical Cations of Monocyclic Arenes at Room Temperature Obtained by NbF₅ Acting as an Oxidizing Agent and Counterion Precursor. Angewandte Chemie - International Edition, 2010, 49, 5268-5272.	13.8	50
29	Î±-Diimines as Versatile, Derivatizable Ligands in Ruthenium(II) <i>p</i>-Cymene Anticancer Complexes. Inorganic Chemistry, 2018, 57, 6669-6685.	4.0	50
30	Structures and Unusual Rearrangements of Coordination Adducts of MX5 (M = Nb, Ta; X = F, Cl) with Simple Diethers. A Crystallographic, Spectroscopic, and Computational Study. Inorganic Chemistry, 2010, 49, 339-351.	4.0	49
31	Synthesis and X-ray Crystal Structure of the Novel Organotin Dication [n-Bu2Sn(H2O)4]2+:Â A Lamellar Layered Structure Assisted by Intermolecular Hydrogen Bonding. Organometallics, 2002, 21, 4575-4577.	2.3	46
32	Supramolecular variations on a molecular theme: the structural diversity of phosphazenes (RNH)6P3N3 in the solid state. Dalton Transactions, 2003, , 1235-1244.	3.3	45
33	Deprotonation of Î¼-Vinyliminium Ligands in Diiron Complexes:â€‰ A Route for the Synthesis of Mono- and Polynuclear Species Containing Novel Multidentate Ligands. Organometallics, 2005, 24, 2297-2306.	2.3	44
34	Polypyridyl Ruthenium(II) Complexes with Tetrazolate-Based Chelating Ligands. Synthesis, Reactivity, and Electrochemical and Photophysical Properties. Inorganic Chemistry, 2007, 46, 9126-9138.	4.0	44
35	Infinite Molecular {[Pt3n(CO)6n]2â€“}âˆž Conductor Wires by Self-Assembly of [Pt3n(CO)6n]2â€“ (n = 5â€“8) Cluster Dianions Formally Resembling CO-Sheathed Three-Platinum Cables. European Journal of Inorganic Chemistry, 2007, 2007, 1483-1486.	2.0	42
36	Tuning the cytotoxicity of ruthenium(ii) para-cymene complexes by mono-substitution at a triphenylphosphine/phenoxydiphenylphosphine ligand. Dalton Transactions, 2017, 46, 16589-16604.	3.3	42

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37	Unprecedented Zwitterionic Iminiumâˆ'Chalcogenide Bridging Ligands in Diiron Complexes. Organometallics, 2006, 25, 4808-4816.	2.3	41
38	Icosahedral Pt-Centered Pt₁₃ and Pt₁₉ Carbonyl Clusters Decorated by [Cd₅(Î¼-Br)₅Br_{5â€"<i>x</i>}(solvent)_{<i>x</i>}]^{<i>x</i>+} Rings Reminiscent of the Decoration of Auâˆ'Feâˆ'CO and Au-Thiolate Nanoclusters: A Unifying Approach to Their Electron Counts. Journal of the American Chemical Society, 2011, 133, 2406-2409.	13.7	41
39	19F NMR spectroscopy as useful tool for determining the structure in solution of coordination compounds of MF5 (M=Nb, Ta). Journal of Fluorine Chemistry, 2010, 131, 21-28.	1.7	40
40	Self-Assembly of [Pt_{3<i>n</i>}(CO)_{6<i>n</i>}]^{2âˆ'}(<i>n</i>= 4âˆ'8) Carbonyl Clusters: from Molecules to Conducting Molecular Metal Wires. Inorganic Chemistry, 2010, 49, 5992-6004.	4.0	40
41	Metal carbonyl clusters of groups 8â€"10: synthesis and catalysis. Chemical Society Reviews, 2021, 50, 9503-9539.	38.1	40
42	Diiron and diruthenium aminocarbyne complexes containing pseudohalides: stereochemistry and reactivity. Inorganica Chimica Acta, 2005, 358, 1204-1216.	2.4	39
43	Exploring the Anticancer Potential of Diiron Bis-cyclopentadienyl Complexes with Bridging Hydrocarbyl Ligands: Behavior in Aqueous Media and <i>In Vitro</i> Cytotoxicity. Organometallics, 2020, 39, 645-657.	2.3	38
44	Gold/iron carbonyl clusters as precursors for TiO2 supported catalysts. Catalysis Today, 2008, 137, 483-488.	4.4	37
45	Unusual room temperature activation of 1,2-dialkoxyalkanes by niobium and tantalum pentachlorides. Dalton Transactions, 2008, , 7026.	3.3	37
46	Methylated Re(<scp>i</scp>) tetrazolato complexes: photophysical properties and Light Emitting Devices. Dalton Transactions, 2015, 44, 8379-8393.	3.3	37
47	Ruthenium arene complexes with triphenylphosphane ligands: cytotoxicity towards pancreatic cancer cells, interaction with model proteins, and effect of ethacrynic acid substitution. New Journal of Chemistry, 2017, 41, 14574-14588.	2.8	37
48	Reactions ofn-Bu2SnO and (n-Bu3Sn)2O with 1,1,2,3,3-Pentamethyltrimethylene Phosphinic Acid:Â Synthesis and X-ray Crystal Structures of a Novel Spirocyclic Coordination Polymer and a 16-Membered Inorganic Macrocycle. Organometallics, 2004, 23, 1390-1395.	2.3	36
49	High-yield one-step synthesis in water of [Pt3n(CO)6n]2â€" (n > 6) and [Pt38(CO)44]2â€". Chemical Communications, 2005, , 5769.	4.1	36
50	Regioselective Nucleophilic Additions to Diiron Carbonyl Complexes Containing a Bridging Aminocarbyne Ligand: A Synthetic, Crystallographic and DFT Study. European Journal of Inorganic Chemistry, 2018, 2018, 960-971.	2.0	36
51	Anticancer Potential of Diiron Vinyliminium Complexes. Chemistry - A European Journal, 2019, 25, 14801-14816.	3.3	36
52	Câ€"C bond formation by cyanide addition to dinuclear vinyliminium complexes. Journal of Organometallic Chemistry, 2006, 691, 4234-4243.	1.8	35
53	Reactions of Diazo Compounds at Î¼-Vinyliminium Ligands:Â Synthesis of Novel Dinuclear Azineâˆ'Bis(alkylidene) Complexes. Organometallics, 2007, 26, 3577-3584.	2.3	34
54	Pt and Pt/Sn carbonyl clusters as precursors for the synthesis of supported metal catalysts for the base-free oxidation of HMF. Applied Catalysis A: General, 2019, 588, 117279.	4.3	34

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55	First example of a Snâ€“C bond cleaved product in the reaction of Ph3SnOSnPh3 with carboxylic acids. 3D-Supramolecular network formation in the X-ray crystal structure of [Ph2Sn(OH)OC(O)(Rf)]2, Rf = 2,4,6-(CF3)3C6H2. Chemical Communications, 2003, , 862-863.	4.1	33
56	The reactivity of 1,1-dialkoxyalkanes with niobium and tantalum pentahalides. Formation of coordination compounds, Câ€“H and Câ€“C bond activation and the X-ray structure of the stable carboxonium species [Me2Cî€€CHC(î€€OMe)Me][NbCl5(OMe)]. Dalton Transactions, 2009, , 8096.	3.3	33
57	Magnetic Behavior of Odd- and Even-Electron Metal Carbonyl Clusters: The Case Study of [Co₈Pt₄C₂(CO)₂₄]^{<i>n</i>âˆ’}(<i>n</i>= 1,) Tj ETQq1 1 0.784314 rgB	10.7	33
58	From the tetra(amino) phosphonium cation, [P(NHPh)4]+, to the tetra(imino) phosphate trianion, [P(NPh)4]3âˆ’, two-faced ligands that bind anions and cations. Dalton Transactions, 2004, , 989-995.	3.3	32
59	Hydride addition at Î¼-vinyliminium ligand obtained from disubstituted alkynes. Journal of Organometallic Chemistry, 2005, 690, 837-846.	1.8	32
60	Influence of Aromatic Substituents on the Supramolecular Architectures of Monoorganooxotin Drums. Crystal Growth and Design, 2006, 6, 267-273.	3.0	32
61	Alkylation and Acylation of Cyclotriphosphazenes. Inorganic Chemistry, 2007, 46, 7097-7108.	4.0	32
62	Addition of Isocyanides at Diiron Î¼-Vinyliminium Complexes: Synthesis of Novel Keteniminesâˆ’Bis(alkylidene) Complexes. Organometallics, 2008, 27, 5058-5066.	2.3	32
63	A crystallographic and spectroscopic study on the reactions of WCl6 with carbonyl compounds. Dalton Transactions, 2013, 42, 5635.	3.3	32
64	Proton-Induced Reversible Modulation of the Luminescent Output of Rhenium(I), Iridium(III), and Ruthenium(II) Tetrazolate Complexes. Inorganic Chemistry, 2014, 53, 229-243.	4.0	32
65	Syntheses, Structures, and Electrochemistry of the Defective <i>ccp</i> [Pt₃₃(CO)₃₈]^{2â€“} and the <i>bcc</i> [Pt₄₀(CO)₄₀]^{6â€“} Molecular Nanoclusters. Inorganic Chemistry, 2016, 55, 6068-6079.	4.0	32
66	Anionic Cyclometalated Platinum(II) Tetrazolato Complexes as Viable Photoredox Catalysts. Organometallics, 2019, 38, 1108-1117.	2.3	32
67	Synthesis, Molecular Structure and Properties of the [H_{6âˆ’<i>n</i>}Ni₃₀C₄(CO)₃₄(CdCl)₂]^{<i>n</i>âˆ’} (<i>n</i>=3â€“6) Bimetallic Carbide Carbonyl Cluster: A Model for the Growth of Noncompact Interstitial Metal Carbides. Chemistry - A European Journal, 2008, 14, 1924-1934.	3.3	31
68	Complexes of Niobium(V) and Tantalum(V) Halides with Ligands that Contain Nâ€“C=O and P=O Functionalities: A Synthetic and Structural Study. European Journal of Inorganic Chemistry, 2008, 2008, 453-462.	2.0	31
69	From 1,2-dialkoxyalkanes to 1,4-dioxanes. A transformation mediated by NbCl5via multiple Câ€“O bond cleavage at room temperature. Chemical Communications, 2008, , 3651.	4.1	31
70	Microwave-Assisted Synthesis of Functionalized Shvo-Type Complexes. Organometallics, 2014, 33, 2814-2819.	2.3	31
71	The role of gold in transition metal carbonyl clusters. Coordination Chemistry Reviews, 2018, 355, 27-38.	18.8	31
72	Synthesis and structural characterization of [NEt4][Fe3(Î¼3-O)(Î¼3-AuPPh3)(Î¼-CO)3(CO)6], the new [Au6(Î¼3-S)2(PPh3)6][Fe3(Î¼3-S)(Î¼-AuPPh3)(CO)9]2 and [Au6(Î¼3-S)2(PPh3)6][Fe5(Î¼3-S)2(CO)14] ionic solids containing assemblages of cluster-cations and cluster-anions. Inorganica Chimica Acta, 1999, 291, 372-379.	2.4	30

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73	Copolymerisation of Ptâ€“carbonyl clusters with Lewis acids: synthesis and crystal structure of the molecular {Cd2Cl4[Pt9(CO)18]2â˜}âˆž1-D polymer. Chemical Communications, 2006, , 2135-2137.	4.1	30
74	Synthesis, Structure, and Stereochemistry of Trinuclear Metal Complexes Formed from the Phosphorus-Based Achiral Tripodal Ligand {P(S)[N(Me)NCHC6H4-o-OH]3} (LH3):Â Luminescent Properties of L2Cd3Â·2H2O. Inorganic Chemistry, 2005, 44, 4608-4615.	4.0	29
75	A systematic study on the activation of simple polyethers by MoCl5 and WCl6. Dalton Transactions, 2010, 39, 5367.	3.3	29
76	A general strategy to add diversity to ruthenium arene complexes with bioactive organic compounds via a coordinated (4-hydroxyphenyl)diphenylphosphine ligand. Dalton Transactions, 2017, 46, 12001-12004.	3.3	29
77	New Hybrid Semiconductor Materials Based on Viologen Salts of Bimetallic Feâ€“Pt and Feâ€“Au Carbonyl Clusters: First Structural Characterization of the Diradical Ï€-Dimer of the Diethylviologen Monocation and EPR Evidence of its Triplet State. Chemistry - A European Journal, 2007, 13, 6544-6554.	3.3	28
78	Ethylene Polymerization by Niobium(V) <i>N,N</i>-Dialkylcarbamates Activated with Aluminum Co-catalysts. Organometallics, 2011, 30, 1682-1688.	2.3	28
79	Pendant Cyclodicarbaphosphazatriene-Containing Monomers and Polymers:Â Synthesis, Crystal Structures and Polymerization Behavior of [NC(NMe2)]2[NP(O-C6H4-p-C6H4-p-CHCH2)(X)], X = Cl, OCH2CF3, OC6H5, OC6H4-m-CH3, OC6H4-p-Brâ€. Inorganic Chemistry, 2003, 42, 51-59.	4.0	27
80	Fragmentation of oxygen-containing molecules via Câ€“O bond cleavage promoted by coordination to niobium and tantalum pentahalides. Dalton Transactions, 2009, , 6759.	3.3	27
81	A total scattering Debye function analysis study of faulted Pt nanocrystals embedded in a porous matrix. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, 632-644.	0.1	27
82	DFT Mechanistic Insights into the Alkyne Insertion Reaction Affording Diiron Î¼-Vinyliminium Complexes and New Functionalization Pathways. Organometallics, 2018, 37, 3718-3731.	2.3	27
83	Sterically driven synthesis of ruthenium and rutheniumâ€“silver N-heterocyclic carbene complexes. Dalton Transactions, 2014, 43, 17240-17243.	3.3	26
84	The interaction of molybdenum pentachloride with O- and S-heterocycles. Dalton Transactions, 2014, 43, 495-504.	3.3	26
85	A structurally-characterized NbCl₅â€“NHC adduct. Chemical Communications, 2014, 50, 4472-4474.	4.1	26
86	Ruthenium hydroxycyclopentadienyl N-heterocyclic carbene complexes as transfer hydrogenation catalysts. RSC Advances, 2015, 5, 94707-94718.	3.6	26
87	Coordination complexes of niobium and tantalum pentahalides with a bulky NHC ligand. Dalton Transactions, 2016, 45, 6939-6948.	3.3	26
88	From Mononuclear Complexes to Molecular Nanoparticles: The Buildup of Atomically Precise Heterometallic Rhodium Carbonyl Nanoclusters. Accounts of Chemical Research, 2018, 51, 2748-2755.	15.6	26
89	PPh₃-Derivatives of [Pt_{3<i>n</i>}(CO)_{6<i>n</i>}]^{2â€“} (<i>n</i> = 2â€“6) Chiniâ€™s Clusters: Syntheses, Structures, and ³¹P NMR Studies. Inorganic Chemistry, 2013, 52, 4384-4395.	4.0	25
90	Easily Available, Amphiphilic Diiron Cyclopentadienyl Complexes Exhibit in Vitro Anticancer Activity in 2D and 3D Human Cancer Cells through Redox Modulation Triggered by CO Release. Chemistry - A European Journal, 2021, 27, 10169-10185.	3.3	25

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91	Sn-centred icosahedral Rh carbonyl clusters: synthesis and structural characterization and 13Câ€“{103Rh} HMQC NMR studies. Dalton Transactions, 2007, , 3914.	3.3	24
92	Alkyneâˆ'Isocyanide Coupling in [Fe2(CNMe)(CO)3(Cp)2]:Â A New Route to Diiron Î¼-Vinyliminium Complexesâ€. Organometallics, 2007, 26, 3448-3455.	2.3	24
93	Acetylide Addition to Bridging Vinyliminium Ligands in Dinuclear Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 1799-1807.	2.0	24
94	The chemistry of niobium and tantalum halides, MX5, with haloacetic acids and their related anhydrides: Anhydride Câ€“H bond activation promoted by MF5. Polyhedron, 2008, 27, 1969-1976.	2.2	24
95	The problems of detecting hydrides in metal carbonyl clusters by 1H NMR: the case study of [H4âˆ'nNi22(C2)4(CO)28(CdBr)2]nâˆ' (n = 2â€“4). Dalton Transactions, 2009, , 4245.	3.3	24
96	Copolymerization of Fe4Cu2C(CO)12 moieties with bidentate N-ligands: synthesis and crystal structure of the [Fe4Cu2(Î¼6-C)(CO)12(Î¼-bipy)]4Â·8THF square tetramer and the infinite [Fe4Cu2(Î¼6-C)(CO)12(Î¼-Lâ€“L)]âˆž zigzag chains. Dalton Transactions, 2009, , 1509.	3.3	24
97	A new tetraarylcyclopentadienone based low molecular weight gelator: synthesis, self-assembly properties and anion recognition. New Journal of Chemistry, 2012, 36, 1469.	2.8	24
98	Surface decorated platinum carbonyl clusters. Nanoscale, 2012, 4, 4166.	5.6	24
99	Synthesis, Structure and Reactivity of Hydrated and Dehydrated Organotin Cations. European Journal of Inorganic Chemistry, 2006, 2006, 4129-4136.	2.0	23
100	Synthesis, Structure, and Spectroscopic Characterization of [H_{8âˆ'<i>n</i>}Rh₂₂(CO)₃₅]^{<i>n</i>âˆ'}(<i>n</i>= 4, 5) and [H₂Rh₁₃(CO)₂₄{Cu(MeCN)}₂]^{âˆ'}Clusters: Assessment of CV and DPV As Techniques to Circumstantiate the Presence of Elusive Hydride Atoms. Inorganic Chemistry, 2011, 50, 2790-2798.	4.0	23
101	Bimetallic Feâ€“Au Carbonyl Clusters Derived from Collmanâ€™s Reagent: Synthesis, Structure and DFT Analysis of Fe(CO)4(AuNHC)2 and [Au3Fe2(CO)8(NHC)2]âˆ'. Journal of Cluster Science, 2017, 28, 703-723.	3.3	23
102	Preparation and Reactivity of Mono- and Dinuclear Derivatives of Niobium and Tantalum Pentahalides with Alkyl Aryl Ethers. European Journal of Inorganic Chemistry, 2010, 2010, 767-774.	2.0	22
103	[3+2+1] cycloaddition involving alkynes, CO and bridging vinyliminium ligands in diiron complexes: a dinuclear version of the DÃ¶tz reaction?. Chemical Communications, 2010, 46, 3327.	4.1	22
104	Câˆ'N Bond-Forming Self-Condensation of Amide Promoted by MoCl₅ at Room Temperature. Inorganic Chemistry, 2011, 50, 3846-3848.	4.0	22
105	The interaction of molybdenum pentachloride with carbonyl compounds. Dalton Transactions, 2013, 42, 2477-2487.	3.3	22
106	Heteroleptic Chini-Type Platinum Clusters: Synthesis and Characterization of Bis-Phospine Derivatives of [Pt_{3<i>n</i>}(CO)_{6<i>n</i>}]^{2â€“} (<i>n</i> = 2â€“4). Inorganic Chemistry, 2017, 56, 1655-1668.	4.0	22
107	Nitrile ligands activation in dinuclear aminocarbyne complexes. Journal of Organometallic Chemistry, 2005, 690, 1959-1970.	1.8	21
108	Synthesis and Reactivity of Haloacetato Derivatives of Iron(II) Including the Crystal and the Molecular Structure of [Fe(CF3COOH)2(Î¼-CF3COO)2]n. Inorganic Chemistry, 2007, 46, 3378-3384.	4.0	21

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109	Synthesis, X-ray Characterization, and Reactivity of Î±-Aminoacidato Ethoxide Complexes of Niobium(V) and Tantalum(V). Inorganic Chemistry, 2013, 52, 4017-4025.	4.0	21
110	Intramolecular d¹⁰â€“d¹⁰ Interactions in a Ni₆C(CO)₉(AuPPh₃)₄ Bimetallic Nickelâ€“Gold Carbide Carbonyl Cluster. Inorganic Chemistry, 2013, 52, 10559-10565.	4.0	21
111	The Reactivity of Molybdenum Pentachloride with Ester Molecules: Ester Activation, Metal Reduction, and Synthesis of 1D Coordination Polymers. European Journal of Inorganic Chemistry, 2013, 2013, 1371-1380.	2.0	21
112	Interstitial Bismuth Atoms in Icosahedral Rhodium Cages: Syntheses, Characterizations, and Molecular Structures of the [Bi@Rh₁₂(CO)₂₇]^{3â€“}, [(Bi@Rh₁₂(CO)₂₆)₂Bi]^{5â€“}, [Bi@Rh₁₄(CO)₂₇Bi₂]^{3â€“}, and [Bi@Rh₁₇(CO)₃₃Bi₂]^{4â€“} Carbonyl Clusters. Inorganic Chemistry, 2017, 56, 6343-6351.	4.0	21
113	Versatile coordination of acetazolamide to ruthenium(<scp>ii</scp>) <i>p</i>-cymene complexes and preliminary cytotoxicity studies. Dalton Transactions, 2018, 47, 9367-9384.	3.3	21
114	Polymerization Isomerism in [{MFe(CO)₄}_{<i>n</i>}]^{<i>n</i>â^'} (M =) Tj ETQq0 0 0 rgBT /Overlock Chemistry, 2019, 58, 2911-2915.	4.0	21
115	Diiron-aminocarbyne complexes with amine or imine ligands: Câ€“N coupling between imine and aminocarbyne ligands promoted by tolylacetylide addition to [Fe2{Î¼-CN(Me)R}(Î¼-CO)(CO)(NHCPh2)(Cp)2][SO3CF3]. Journal of Organometallic Chemistry, 2005, 690, 348-357.	1.8	20
116	SPh functionalized bridging-vinyliminium diiron and diruthenium complexes. Journal of Organometallic Chemistry, 2008, 693, 3191-3196.	1.8	20
117	The loss of CO from [Rh12(Î¼12-Sn)(CO)27]4â^': Synthesis, spectroscopic and structural characterization of the electron-deficient, icosahedral [Rh12(Î¼12-Sn)(CO)25]4â^' and [Rh12(Î¼12-Sn)(CO)26]4â^' tetra-anions. Dalton Transactions, 2009, , 2217.	3.3	20
118	Nickel poly-acetylide carbonyl clusters: structural features, bonding and electrochemical behaviour. Dalton Transactions, 2012, 41, 4649.	3.3	20
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