Cristian Vicent Barrera

List of Publications by Year
in descending order

115	3,003	159585	233421
papers	citations	30 h-index	45 g-index

117	117	117	2980
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemoselective Transfer Hydrogenation to Nitroarenes Mediated by Cubaneâ€Type Mo₃S₄ Cluster Catalysts. Angewandte Chemie - International Edition, 2012, 51, 7794-7798.	13.8	149
2	Chemoselective Hydrogenation of Carbonyl Compounds and Acceptorless Dehydrogenative Coupling of Alcohols. Journal of the American Chemical Society, 2015, 137, 3743-3746.	13.7	129
3	Single-Component Magnetic Conductors Based on Mo3S7Trinuclear Clusters with Outer Dithiolate Ligands. Journal of the American Chemical Society, 2004, 126, 12076-12083.	13.7	88
4	Tetranuclear Lanthanide Aqua Hydroxo Complexes with Macrocyclic Ligand Cucurbit[6]uril. European Journal of Inorganic Chemistry, 2008, 2008, 416-424.	2.0	86
5	Unprecedented Stereoselective Synthesis of Catalytically Active Chiral Mo3CuS4 Clusters. Chemistry - A European Journal, 2006, 12, 1486-1492.	3.3	75
6	Electrospray Ionization Mass Spectrometry Studies on the Mechanism of Hydrosilylation of Terminal Alkynes Using an N-Heterocyclic Carbene Complex of Iridium, Allow Detection/Characterization of All Reaction IntermediatesâŠ¥. Organometallics, 2006, 25, 3713-3720.	2.3	73
7	Catalytic N-Alkylation of Amines Using Carboxylic Acids and Molecular Hydrogen. Journal of the American Chemical Society, 2015, 137, 13580-13587.	13.7	72
8	Highly Efficient Redox Isomerisation of Allylic Alcohols Catalysed by Pyrazoleâ€Based Ruthenium(IV) Complexes in Water: Mechanisms of Bifunctional Catalysis in Water. Chemistry - A European Journal, 2012, 18, 7749-7765.	3.3	68
9	Alkynyl Complexes of High-Valence Clusters. Synthesis and Luminescence Properties of [Mo₆I₈(Câ‰¡CC(O)OMe)₆]^{2â€“}, the First Complex with Exclusively Organometallic Outer Ligands in the Family of Octahedral {M₆X₈} Clusters. Inorganic Chemistry, 2013, 52, 12477-12481.	4.0	57
10	Imidazole Based Ruthenium(IV) Complexes as Highly Efficient Bifunctional Catalysts for the Redox Isomerization of Allylic Alcohols in Aqueous Medium: Water as Cooperating Ligand. ACS Catalysis, 2012, 2, 2087-2099.	11.2	55
11	Cationâ€Directed Dimeric versus Tetrameric Assemblies of Lanthanideâ€Stabilized Dilacunary Keggin Tungstogermanates. Chemistry - A European Journal, 2014, 20, 12144-12156.	3.3	51
12	Trinuclear Mo₃S₇ Clusters Coordinated to Dithiolate or Diselenolate Ligands and Their Use in the Preparation of Magnetic Single Component Molecular Conductors. Inorganic Chemistry, 2008, 47, 9400-9409.	4.0	48
13	Ruthenium molecular complexes immobilized on graphene as active catalysts for the synthesis of carboxylic acids from alcohol dehydrogenation. Catalysis Science and Technology, 2016, 6, 8024-8035.	4.1	44
14	Trinuclear molybdenum cluster sulfides coordinated to dithiolene ligands and their use in the development of molecular conductors. Coordination Chemistry Reviews, 2010, 254, 1534-1548.	18.8	43
15	ESI-MS Insights into Acceptorless Dehydrogenative Coupling of Alcohols. ACS Catalysis, 2016, 6, 3301-3309.	11.2	43
16	Stereoisomerization of Î²-Hydroxy-Î±-sulfenyl-Î³-butyrolactones Controlled by Two Concomitant 1,4-Type Nonbonded Sulfurâ‹¯Oxygen Interactions As Analyzed by X-ray Crystallography. Journal of Organic Chemistry, 2010, 75, 5888-5894.	3.2	40
17	Synthesis, Crystal Structure, Aqueous Speciation, and Kinetics of Substitution Reactions in a Water-Soluble Mo₃S₄ Cluster Bearing Hydroxymethyl Diphosphine Ligands. Inorganic Chemistry, 2007, 46, 7668-7677.	4.0	37
18	Synthesis and Characterization of Mixed Chalcogen Triangular Complexes with New Mo3(Î¼3-S)(Î¼2-Se2)34+ and M3(Î¼3-S)(Î¼2-Se)34+(M = Mo, W) Cluster Cores. Inorganic Chemistry, 2009, 48, 3832-3839.	4.0	37

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19	Chiral [Mo₃S₄H₃(diphosphine)₃]⁺ Hydrido Clusters and Study of the Effect of the Metal Atom on the Kinetics of the Acid-Assisted Substitution of the Coordinated Hydride: Mo vs W. Inorganic Chemistry, 2010, 49, 5935-5942.	4.0	37
20	Convenient Reductive Methylation of Amines with Carbonates at Room Temperature. Chemistry - A European Journal, 2015, 21, 16759-16763.	3.3	36
21	Synthesis and Reactivity of W3Te74+Clusters and Chalcogen Exchange in the M3Q7(M = Mo, W; Q = S,) Tj ETQq1 1 0.784314 rgBT /	4.0	34
22	One-pot direct Câ€“H arylation of arenes in water catalysed by RuCl3Â·nH2Oâ€“NaOAc in the presence of Zn. Chemical Communications, 2013, 49, 8320.	4.1	34
23	Supramolecular Adducts of Cucurbit[7]uril and Amino Acids in the Gas Phase. Journal of the American Society for Mass Spectrometry, 2016, 27, 265-276.	2.8	34
24	Underivatized polyamine analysis in plant samples by ion pair LC coupled with electrospray tandem mass spectrometry. Plant Physiology and Biochemistry, 2009, 47, 592-598.	5.8	33
25	Synthesis and third-order nonlinear optical properties of [Mo3(Î¼3-S)(Î¼2-S2)3]4+clusters with maleonitriledithiolate, oxalate and thiocyanate ligands. Dalton Transactions, 2003, , 4546-4551.	3.3	32
26	Heterobimetallic cuboidal [Mo3NiS4] and [W3NiS4] cluster diphosphane complexes as molecular models in hydrodesulfurization catalysis. Polyhedron, 2005, 24, 1212-1220.	2.2	32
27	Tuning Chloride Binding, Encapsulation, and Transport by Peripheral Substitution of Pseudopeptidic Tripodal Small Cages. Chemistry - A European Journal, 2012, 18, 16728-16741.	3.3	32
28	Mo3Q7(Q = S, Se) Clusters Containing Dithiolate/Diselenolate Ligands: Synthesis, Structures, and Their Use as Precursors of Magnetic Single-Component Molecular Conductors. European Journal of Inorganic Chemistry, 2013, 2013, 2615-2622.	2.0	32
29	Solid state synthesis, structure and optical limiting properties of seleno cuboidal clusters [M3Se4X3(diphosphine)3]+ (M=Mo, W; X=Cl, Br). Inorganica Chimica Acta, 2003, 349, 69-77.	2.4	31
30	Stereoselective recognition of the Ac-Glu-Tyr-OH dipeptide by pseudopeptidic cages. Organic and Biomolecular Chemistry, 2015, 13, 11721-11731.	2.8	31
31	New Perspectives for Old Clusters: Andersonâ€“Evans Anions as Building Blocks of Large Polyoxometalate Frameworks in a Series of Heterometallic 3â€‰dâ€“4â€‰f Species. Chemistry - A European Journal, 2016, 22, 4616-4625.	3.3	30
32	Cubane-Type Mo3CoS4 Molecular Clusters with Three Different Metal Electron Populations: Structure, Reactivity and Their Use in the Synthesis of Hybrid Charge-Transfer Salts. Chemistry - A European Journal, 2004, 10, 4308-4314.	3.3	29
33	A Family of Oxo-Chalcogenide Molybdenum and Tungsten Complexes, (n-Bu4N)2[M2O2(Î¼-Q)2(1,3-dithiole-2-thione-4,5-dithiolate)2] (M = Mo, W; Q = S, Se):â€‰ New Synthetic Entries, Structure, and Gas-Phase Behavior. Inorganic Chemistry, 2005, 44, 8937-8946.	4.0	29
34	Synthesis, structure and reactivity of cuboidal-type cluster aqua complexes with W3PdS44+core. Dalton Transactions, 2007, , 550-557.	3.3	29
35	New Ag(I)â€“Iminophosphorane Coordination Polymers as Efficient Catalysts Precursors for the MW-Assisted Meyerâ€“Schuster Rearrangement of Propargylic Alcohols in Water. Inorganic Chemistry, 2013, 52, 6533-6542.	4.0	29
36	Molecular recognition of N-protected dipeptides by pseudopeptidic macrocycles: a comparative study of the supramolecular complexes by ESI-MS and NMR. Organic and Biomolecular Chemistry, 2010, 8, 1329.	2.8	28

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37	Synthesis and characterization of [PW11O39Ir(H2O)]4â˜: successful incorporation of Ir into polyoxometalate framework and study of the substitutional lability at the Ir(iii) site. Chemical Communications, 2011, 47, 7833.	4.1	28
38	Bis(amino amides) derived from natural amino acids as chiral receptors for N-protected dicarboxylic amino acids. Tetrahedron Letters, 2013, 54, 72-79.	1.4	28
39	Bis(imidazolium) salts derived from amino acids as receptors and transport agents for chloride anions. RSC Advances, 2015, 5, 34415-34423.	3.6	28
40	Synthesis and structure of the incomplete cuboidal clusters [W3Se4H3(dmpe)3]+, [W3Se4H3â˜x(OH)x(dmpe)3]+and [W3Se4(OH)3(dmpe)3]+, and the mechanism of the acid-assisted substitution of the coordinated hydrides. Dalton Transactions, 2004, , 530-536.	3.3	27
41	Water-Soluble Mo₃S₄ Clusters Bearing Hydroxypropyl Diphosphine Ligands: Synthesis, Crystal Structure, Aqueous Speciation, and Kinetics of Substitution Reactions. Inorganic Chemistry, 2012, 51, 6794-6802.	4.0	27
42	Pseudopeptidic Cages as Receptors for N-Protected Dipeptides. Journal of Organic Chemistry, 2014, 79, 4590-4601.	3.2	27
43	Coordination of {C5Me5Ir}2+to [M6O19]8-(M = Nb, Ta) - Analogies and Differences between Rh and Ir, Nb and Ta. European Journal of Inorganic Chemistry, 2016, 2016, 154-160.	2.0	27
44	Transition metal incorporation into seleno-bridged cubane type clusters of molybdenum and tungsten. X-Ray crystal structures of the first [Mo3CuSe4] derivativesâ€. Dalton Transactions RSC, 2001, , 2813-2818.	2.3	26
45	The Structure of ([W3Q4X3(dmpe)3]+, Y-) Ion Pairs (Q = S, Se; X = H, OH, Br; Y = BF4, PF6, dmpe =) Tj ETQq1 1 0.784314 rgBT /Over Proton Transfer to the Hydride Cluster [W3S4H3(dmpe)3]+. Inorganic Chemistry, 2006, 45, 5774-5784.	4.0	26
46	Structural diversity in charge transfer salts based on Mo3S7 and Mo3S4Se3 clusters complexes and bis(ethylenedithio)tetrathiafulvalene (ET). Journal of Materials Chemistry, 2007, 17, 3440.	6.7	26
47	Hybrid Organic/Inorganic Complexes Based on Electroactive Tetrathiafulvalene-Functionalized Diphosphanes Tethered to C3-Symmetrized Mo3Q4 (Q = S, Se) Clusters. Inorganic Chemistry, 2010, 49, 1894-1904.	4.0	26
48	Homoleptic Molybdenum Cluster Sulfides Functionalized with Noninnocent Diimine Ligands: Synthesis, Structure, and Redox Behavior. European Journal of Inorganic Chemistry, 2014, 2014, 4093-4100.	2.0	26
49	Aqueous solution chemistry of [Mo3CuSe4]n+ (n = 4, 5) and [W3CuQ4]5+ (Q = S, Se) clusters. Dalton Transactions, 2004, , 847.	3.3	25
50	AuNPâ€“Polymeric Ionic Liquid Composite Multicatalytic Nanoreactors for One-Pot Cascade Reactions. ACS Catalysis, 2016, 6, 7230-7237.	11.2	25
51	Distinctive unimolecular gas-phase reactivity of [M(en)₂]²⁺(M=Ni, Cu) dications and their inclusion complexes with the macrocyclic cavitand Cucurbit[8]uril. Journal of the American Society for Mass Spectrometry, 2007, 18, 1863-1872.	2.8	23
52	Synthesis, Crystal Structure, and Properties of Multicomponent Bis(ethylenedithio)tetrathiafulvalene Charge-Transfer Salts of the [Mo3S7Br6]2-Cluster. Inorganic Chemistry, 2005, 44, 1563-1570.	4.0	22
53	Heterometallic Cuboidal Clusters M3Mâ€˜Q4 (M = Mo, W; Mâ€˜= Sn, Pb, As, Sb; Q = S, Se):â€‰ From Coordination Compounds to Supramolecular Adducts. Inorganic Chemistry, 2008, 47, 306-314.	4.0	22
54	[Cr(dmbipy)(ox)2]^{â˜'}: a new bis-oxalato building block for metal assembling. Crystal structures and magnetic properties of XPh₄[Cr(dmbipy)(ox)₂]Â·5H₂O (X = P and As), {Ba(H₂O)₂[Cr(dmbipy)(ox)₂]₂}_nÂ·17/2nH₂O and {Ag(H₂O)[Cr(dmbipy)(ox)₂]}_nÂ·3nH₂O. CrystEngComm, 2010, 12, 122-133.	2.6	22

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55	Tight and Selective Caging of Chloride Ions by a Pseudopeptidic Host. Chemistry - A European Journal, 2014, 20, 7458-7464.	3.3	22
56	C₃-Symmetric Trinuclear Molybdenum Cluster Sulfides:â€‰ Configurational Stability, Supramolecular Stereocontrol, and Absolute Configuration Assignment. Inorganic Chemistry, 2007, 46, 10717-10723.	4.0	21
57	Organometallic derivatives of Rh- and Ir-substituted polyoxotungstates with Keggin structure: reactivity screening by electrospray ionization mass-spectrometry. Dalton Transactions, 2012, 41, 9889.	3.3	21
58	Experimental Evidence Supporting Related Mechanisms for Ru(II)-Catalyzed Dehydrocoupling and Hydrolysis of Amine-Boranes. ACS Catalysis, 2017, 7, 8394-8405.	11.2	21
59	Iridium complexes catalysed the selective dehydrogenation of glucose to gluconic acid in water. Green Chemistry, 2018, 20, 4094-4101.	9.0	21
60	Compounds with the Electron-Rich [W₆Cl₁₈]^{2â^'} Cluster Anion. Inorganic Chemistry, 2009, 48, 3825-3831.	4.0	20
61	Ion Mobility Mass Spectrometry Uncovers Guestâ€Induced Distortions in a Supramolecular Organometallic Metallosquare. Angewandte Chemie - International Edition, 2021, 60, 15412-15417.	13.8	20
62	Synthesis and Structure of Ta4S9Br8. An Emergent Family of Early Transition Metal Chalcogenide Clusters. Inorganic Chemistry, 2005, 44, 8756-8761.	4.0	19
63	A Tetraferrocenylâ€Resorcinarene Cavitand as a Redoxâ€Switchable Host of Ammonium Salts. Chemistry - A European Journal, 2015, 21, 10558-10565.	3.3	19
64	Crownâ€Shaped Tungstogermanates as Solventâ€Controlled Dual Systems in the Formation of Vesicleâ€Like Assemblies. Chemistry - A European Journal, 2015, 21, 7736-7745.	3.3	19
65	Ion chemistry of a series of cluster compounds with Mo3Q4 and Mo3Mâ€²Q4 (Q=S, Se; Mâ€²=Cu, Co, Ni) cores containing 1,2 diphosphanes as ancillary ligands: New insights on the gas-phase stability from electrospray tandem mass spectrometry. International Journal of Mass Spectrometry, 2006, 254, 28-36.	1.5	18
66	Intrinsic Gas-Phase Reactivity toward Methanol of Trinuclear Tungsten W3S4 Complexes Bearing Wâ^'X (X = Br, OH) Groups. Journal of Physical Chemistry A, 2008, 112, 12550-12558.	2.5	18
67	Incorporation of cubane-type Mo3S4 molybdenum cluster sulfides in the framework of mesoporous silica. Microporous and Mesoporous Materials, 2012, 151, 380-389.	4.4	18
68	Synthesis of the Novel [W3PdS4H3(dmpe)3(CO)]+Cubane Cluster and Kinetic Studies on the Substitution of Coordinated Hydrides in Acidic Media. Inorganic Chemistry, 2006, 45, 5576-5584.	4.0	17
69	Electrospray Ionization Based Methods for the Generation of Polynuclear Oxo- and Hydroxo Group 6 Anions in the Gas-Phase. Journal of Cluster Science, 2009, 20, 177-192.	3.3	17
70	Unprecedented Linking of Two Polyoxometalate Units with a Metalâ^'Metal Multiple Bond. Inorganic Chemistry, 2009, 48, 1805-1807.	4.0	17
71	Kegginâ€type Polyoxometalates [PW₁₁O₃₉MCl]^{5â€“} with Noble Metals (M = Rh and Ir): Novel Synthetic Entries and ESIâ€MS Directed Reactivity Screening. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 122-127.	1.2	17
72	Rearrangement of a Krebs-Type Polyoxometalate upon Coordination of N,O-Bis(bidentate) Ligands. Inorganic Chemistry, 2015, 54, 409-411.	4.0	17

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73	Supramolecular Chemistry Based on [W3S4(H2O)6Cl3]+ â^' A Versatile Building Block. European Journal of Inorganic Chemistry, 2004, 2004, 63-68.	2.0	16
74	Unprecedented Solventâ€Assisted Reactivity of Hydrido W₃CuS₄ Cubane Clusters: The Nonâ€Innocent Behaviour of the Clusterâ€Core Unit. Chemistry - A European Journal, 2009, 15, 4582-4594.	3.3	16
75	Polyoxoniobates and Polyoxotantalates as Ligandsâ€"Revisited. Inorganics, 2015, 3, 160-177.	2.7	16
76	Mixed-Metal Assemblies Based on Cyanide-Bridged Cubane-Type Mo3CuS4/Mo3S4 Clusters and Molybdenum Carbonyls. Inorganic Chemistry, 2009, 48, 4837-4846.	4.0	15
77	Complexes of M3S44+ (M=Mo, W) with chiral alpha-hydroxy and aminoacids: Synthesis, structure and solution studies. Inorganica Chimica Acta, 2013, 395, 11-18.	2.4	15
78	Gas-Phase Fragmentation Reactions of Keggin-Type {PW11O39M} (M = Rh, Ir, and Ru) Polyoxometalates as Fingerprints of the Ligands Attached at the Noble Metal Site. European Journal of Inorganic Chemistry, 2014, 2014, 5618-5624.	2.0	15
79	Synthesis and characterization of a new Keggin anion: [BeW₁₂O₄₀]^{6â^'}. Chemical Communications, 2014, 50, 9083-9085.	4.1	15
80	Detection, characterization and quantification of salicylic acid conjugates in plant extracts by ESI tandem mass spectrometric techniques. Plant Physiology and Biochemistry, 2012, 53, 19-26.	5.8	14
81	Synthesis and Characterization of [(OH)TeNb₅O₁₈]^{6â€"} in Water Solution, Comparison with [Nb₆O₁₉]^{8â€"}. Inorganic Chemistry, 2016, 55, 1381-1389.	4.0	14
82	A New Series of Homologous Cluster Complexes [Mo3(M'EPh3)Q4Cl4(H2O)5] (M' = Ni, Pd; E = P, As, Sb; Q) Tj ETQq0 0 0 rgBT /Overloc	2.0	13
83	Radical Mechanism in the Elimination of 2-Arylsulfinyl Esters. Journal of Organic Chemistry, 2012, 77, 5191-5197.	3.2	13
84	Polyoxoanions assembled by the condensation of vanadate, tungstate and selenite: solution studies and crystal structures of the mixed metal derivatives (NMe₄)₂Na₂[W^{VI}₄V^V₂Q₁₉]Â· and (NMe₄)_{4.83}[(Se^{IV}) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 292 Td (W^{VI}<sub>4.5	2.8	13
85	New Journal of Chemistry, 2016, 40, 937-944. Site specific ligand substitution in cubane-type Mo3FeS44+ clusters: Kinetics and mechanism of reaction and isolation of mixed ligand Cl/SPh complexes. Dalton Transactions, 2010, 39, 3725.	3.3	12
86	Cuboidal Mo₃S₄ and Mo₃NiS₄ Complexes Bearing Dithiophosphates and Chiral Carboxylate Ligands: Synthesis, Crystal Structure and Fluxionality. European Journal of Inorganic Chemistry, 2011, 2011, 683-693.	2.0	12
87	Mechanism of [3+2] Cycloaddition of Alkynes to the [Mo₃S₄(acac)₃(py)₃][PF₆] Cluster. Chemistry - A European Journal, 2015, 21, 2835-2844.	3.3	12
88	A combined stopped-flow, electrospray ionization mass spectrometry and31P NMR study on the acetic acid-mediated fragmentation of the hydroxo-chalcogenide cluster [W3Se4(OH)3(dmpe)3]+(dmpe =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Dalton Transactions, 2006, , 5725-5733.	3.3	11
89	Selective synthesis of triangular cluster oxido-sulfidocomplexes of Mo and W: High yield preparations of [Mo3O2S2(H2O)9]4+, [W3O2S2(H2O)9]4+, [W2MoO2S2(H2O)9]4+ and their derivatization. Inorganica Chimica Acta, 2010, 363, 3330-3337.	2.4	11
90	Sulfur-Based Redox Reactions in Mo₃S₇⁴⁺ and Mo₃S₄⁴⁺ Clusters Bearing Halide and 1,2-Dithiolene Ligands: a Mass Spectrometric and Density Functional Theory Study. Inorganic Chemistry, 2010, 49, 8045-8055.	4.0	11

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91	Cubane-Type Mo₃FeS₄^{4+,5+} Complexes Containing Outer Diphosphane Ligands: Ligand Substitution Reactions, Spectroscopic Studies, and Electronic Structure. Inorganic Chemistry, 2012, 51, 10512-10521.	4.0	11
92	Synthesis, Structure, Gas-Phase Reactivity, and Catalytic Relevance of Trinuclear Mo3S4Clusters Bearing Terminal Hydroxo and Hydrosulfido Groups. European Journal of Inorganic Chemistry, 2013, 2013, 5797-5805.	2.0	11
93	Binuclear Sulfide Niobium Clusters Coordinated by Diimine Ligands: Synthesis, Structure, Photocatalytic Activity and Optical Limiting Properties. European Journal of Inorganic Chemistry, 2015, 2015, 2865-2874.	2.0	10
94	Identification and characterization of a novel cathinone derivative 1-(2,3-dihydro-1H-inden-5-yl)-2-phenyl-2-(pyrrolidin-1-yl)-ethanone seized by customs in Jersey. Forensic Toxicology, 2016, 34, 144-150.	2.4	10
95	Synthesis and Molecular and Electronic Structures of a Series of Mo₃CoSe₄ Cluster Complexes with Three Different Metal Electron Populations. Inorganic Chemistry, 2008, 47, 3661-3668.	4.0	9
96	Tungsten and molybdenum incomplete cuboidal clusters; kinetico-mechanistic studies and association in dimers. Dalton Transactions, 2013, 42, 15016.	3.3	9
97	Selective Conversion of Various Monosaccharaides into Sugar Acids by Additiveâ€Free Dehydrogenation in Water. ChemCatChem, 2020, 12, 3746-3752.	3.7	9
98	Interaction of [Mo6Cl14]2â¯ with H2Se: Selective Preparation of [Mo6SeCl13]3â¯. Journal of Cluster Science, 2009, 20, 83-92.	3.3	8
99	Reactions of M3Te74+ (M=Mo, W) clusters with electrophilic reagents: Chalcogen exchange in the Te2 ligand and the first complexes of (TeS)2â¯. Polyhedron, 2009, 28, 3479-3484.	2.2	8
100	Characterization of PVCâ€Tetraruthenated Metalloporphyrins Modified Electrodes: Application as Electrocatalyst in the Nitrite Reduction. Macromolecular Symposia, 2011, 304, 93-100.	0.7	8
101	Mechanism of the catalytic gas-phase aldehyde production from trinuclear W3S4 complexes bearing W-OEt groups. Catalysis Today, 2011, 177, 72-78.	4.4	8
102	Trinuclear Molybdenum and Tungsten Cluster Chalcogenides: From Solid State to Molecular Materials. , 0, , 105-120.		7
103	Selenate as a novel ligand for keplerate chemistry. New {W72Mo60} keplerates with selenates inside the cavity. Dalton Transactions, 2015, 44, 8839-8845.	3.3	7
104	pH-Controlled One Pot Syntheses of Giant Mo₂O₂S₂-Containing Seleno-Tungstate Architectures. Inorganic Chemistry, 2018, 57, 56-63.	4.0	7
105	A three-dimensional adamantane-like nanoscopic cage built from four iodide-bridged triangular Mo3S7 cluster units. Chemical Communications, 2009, , 3440.	4.1	6
106	Use of a cubane-type Mo3CoS4 molecular cluster as paramagnetic unit in the synthesis of hybrid charge-transfer salts. Inorganica Chimica Acta, 2010, 363, 4197-4201.	2.4	6
107	Tailoring the self-assembling abilities of functional hybrid nanomaterials: from rod-like to disk-like clustomesogens based on a luminescent {Mo₆Br₈}⁴⁺ inorganic cluster core. Journal of Materials Chemistry C, 2018, 6, 2556-2564.	5.5	6
108	Ion Mobility Mass Spectrometry Uncovers Guestâ€Induced Distortions in a Supramolecular Organometallic Metallosquare. Angewandte Chemie, 2021, 133, 15540-15545.	2.0	6

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109	New insights on organosilane oligomerization mechanisms using ESI-MS and 29Si NMR. New Journal of Chemistry, 2009, 33, 1100.	2.8	4
110	Unsymmetrically Substituted Mo3S44+Clusters Bearing Diphosphane Ligands. European Journal of Inorganic Chemistry, 2013, 2013, 1418-1426.	2.0	4
111	Isolation of a New C_sâ€Symmetrized Mo₃(Î¼₃â€S)(Î¼â€S)(Î¼â€S₂)₂ Structural Type Through Complementary Association with a Cubaneâ€Type Mo₃NiS₄ Cluster. European Journal of Inorganic Chemistry, 2012, 2012, 1278-1284.	2.0	3
112	Linkage Isomerism in [Mo3(Î¼3-S)(Î¼2-SSe)3(dtp)3]Cl: Preparation and Characterization of Two Isomers with Different Coordination Mode of the Î¼2-SSe Ligand. Journal of Cluster Science, 2015, 26, 83-91.	3.3	2
113	Unveiling anion-induced folding in tripodal imidazolium receptors by ion-mobility mass spectrometry. Chemical Communications, 2021, 57, 8616-8619.	4.1	2
114	[Mo3ReS4(O)2(S2P(OEt)2)5]: an example of chalcogenide cluster with a highly oxidized Mo3ReS49+ core. Comptes Rendus Chimie, 2005, 8, 1815-1819.	0.5	1
115	Influence of the Gas Atmosphere on the Deprotection of (Z)-γ -Hydroxy- α , β-Unsaturated Esters. Letters in Organic Chemistry, 2009, 6, 504-506.	0.5	1