

Cristian Vicent Barrera

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ion Mobility Mass Spectrometry Uncovers Guest-Induced Distortions in a Supramolecular Organometallic Metallosquare. <i>Angewandte Chemie</i> , 2021, 133, 15540-15545.	2.0	6
2	Ion Mobility Mass Spectrometry Uncovers Guest-Induced Distortions in a Supramolecular Organometallic Metallosquare. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15412-15417.	13.8	20
3	Unveiling anion-induced folding in tripodal imidazolium receptors by ion-mobility mass spectrometry. <i>Chemical Communications</i> , 2021, 57, 8616-8619.	4.1	2
4	Selective Conversion of Various Monosaccharides into Sugar Acids by Additive-Free Dehydrogenation in Water. <i>ChemCatChem</i> , 2020, 12, 3746-3752.	3.7	9
5	Tailoring the self-assembling abilities of functional hybrid nanomaterials: from rod-like to disk-like clustomesogens based on a luminescent $\{Mo_6Br_8\}^{4+}$ inorganic cluster core. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2556-2564.	5.5	6
6	pH-Controlled One Pot Syntheses of Giant $Mo_2O_2S_2$ -Containing Seleno-Tungstate Architectures. <i>Inorganic Chemistry</i> , 2018, 57, 56-63.	4.0	7
7	Iridium complexes catalysed the selective dehydrogenation of glucose to gluconic acid in water. <i>Green Chemistry</i> , 2018, 20, 4094-4101.	9.0	21
8	Experimental Evidence Supporting Related Mechanisms for Ru(II)-Catalyzed Dehydrocoupling and Hydrolysis of Amine-Boranes. <i>ACS Catalysis</i> , 2017, 7, 8394-8405.	11.2	21
9	New Perspectives for Old Clusters: Anderson-Evans Anions as Building Blocks of Large Polyoxometalate Frameworks in a Series of Heterometallic $3d^4$ Species. <i>Chemistry - A European Journal</i> , 2016, 22, 4616-4625.	3.3	30
10	ESI-MS Insights into Acceptorless Dehydrogenative Coupling of Alcohols. <i>ACS Catalysis</i> , 2016, 6, 3301-3309.	11.2	43
11	Ruthenium molecular complexes immobilized on graphene as active catalysts for the synthesis of carboxylic acids from alcohol dehydrogenation. <i>Catalysis Science and Technology</i> , 2016, 6, 8024-8035.	4.1	44
12	AuNP-Polymeric Ionic Liquid Composite Multicatalytic Nanoreactors for One-Pot Cascade Reactions. <i>ACS Catalysis</i> , 2016, 6, 7230-7237.	11.2	25
13	Coordination of $\{C_5Me_5Ir\}_2^{2+}$ to $[M_6O_{19}]^{8-}$ (M = Nb, Ta) - Analogies and Differences between Rh and Ir, Nb and Ta. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 154-160.	2.0	27
14	Polyoxoanions assembled by the condensation of vanadate, tungstate and selenite: solution studies and crystal structures of the mixed metal derivatives $(NMe_4)_2Na_2[W^{VI}_4V^{V}_2]Q_{19}$ and $(NMe_4)_4.83[(Se^{IV})_7TjETQ_0O_0rgBT/Overlock\ 10\ Tf\ 50\ 212\ Td(W^{VI}_8)]^{4-}$. <i>New Journal of Chemistry</i> , 2016, 40, 937-944.		
15	Synthesis and Characterization of $[(OH)TeNb_5O_{18}]^{6-}$ in Water Solution, Comparison with $[Nb_6O_{19}]^{8-}$. <i>Inorganic Chemistry</i> , 2016, 55, 1381-1389.	4.0	14
16	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. <i>Forensic Toxicology</i> , 2016, 34, 144-150.	2.4	10
17	Supramolecular Adducts of Cucurbit[7]uril and Amino Acids in the Gas Phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 265-276.	2.8	34
18	Convenient Reductive Methylation of Amines with Carbonates at Room Temperature. <i>Chemistry - A European Journal</i> , 2015, 21, 16759-16763.	3.3	36

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19	A Tetraferrocenyl Resorcinarene Cavitand as a Redox-Switchable Host of Ammonium Salts. <i>Chemistry - A European Journal</i> , 2015, 21, 10558-10565.	3.3	19
20	Binuclear Sulfide Niobium Clusters Coordinated by Diimine Ligands: Synthesis, Structure, Photocatalytic Activity and Optical Limiting Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2865-2874.	2.0	10
21	Polyoxoniobates and Polyoxotantalates as Ligands Revisited. <i>Inorganics</i> , 2015, 3, 160-177.	2.7	16
22	Rearrangement of a Krebs-Type Polyoxometalate upon Coordination of N,O-Bis(bidentate) Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 409-411.	4.0	17
23	Mechanism of [3+2] Cycloaddition of Alkynes to the [Mo ₃ S ₄ (acac) ₃ (py) ₃][PF ₆] ⁻ Cluster. <i>Chemistry - A European Journal</i> , 2015, 21, 2835-2844.	3.3	12
24	Chemoselective Hydrogenation of Carbonyl Compounds and Acceptorless Dehydrogenative Coupling of Alcohols. <i>Journal of the American Chemical Society</i> , 2015, 137, 3743-3746.	13.7	129
25	Selenate as a novel ligand for keplerate chemistry. New {W ₂ Mo ₆ O ₄₂ } keplerates with selenates inside the cavity. <i>Dalton Transactions</i> , 2015, 44, 8839-8845.	3.3	7
26	Crown-Shaped Tungstogermanates as Solvent-Controlled Dual Systems in the Formation of Vesicle-Like Assemblies. <i>Chemistry - A European Journal</i> , 2015, 21, 7736-7745.	3.3	19
27	Bis(imidazolium) salts derived from amino acids as receptors and transport agents for chloride anions. <i>RSC Advances</i> , 2015, 5, 34415-34423.	3.6	28
28	Catalytic N-Alkylation of Amines Using Carboxylic Acids and Molecular Hydrogen. <i>Journal of the American Chemical Society</i> , 2015, 137, 13580-13587.	13.7	72
29	Stereoselective recognition of the Ac-Glu-Tyr-OH dipeptide by pseudopeptidic cages. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11721-11731.	2.8	31
30	Linkage Isomerism in [Mo ₃ (S ₄ S ₂) ₃ (dtp) ₃]Cl: Preparation and Characterization of Two Isomers with Different Coordination Mode of the S ₄ S ₂ Ligand. <i>Journal of Cluster Science</i> , 2015, 26, 83-91.	3.3	2
31	Gas-Phase Fragmentation Reactions of Keggin-Type {PW ₁₁ O ₃₉ M} (M = Rh, Ir, and Ru) Polyoxometalates as Fingerprints of the Ligands Attached at the Noble Metal Site. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5618-5624.	2.0	15
32	Tight and Selective Caging of Chloride Ions by a Pseudopeptidic Host. <i>Chemistry - A European Journal</i> , 2014, 20, 7458-7464.	3.3	22
33	Pseudopeptidic Cages as Receptors for N-Protected Dipeptides. <i>Journal of Organic Chemistry</i> , 2014, 79, 4590-4601.	3.2	27
34	Cation-Directed Dimeric versus Tetrameric Assemblies of Lanthanide-Stabilized Dilacunary Keggin Tungstogermanates. <i>Chemistry - A European Journal</i> , 2014, 20, 12144-12156.	3.3	51
35	Synthesis and characterization of a new Keggin anion: [BeW ₁₂ O ₄₀] ⁶⁻ . <i>Chemical Communications</i> , 2014, 50, 9083-9085.	4.1	15
36	Homoleptic Molybdenum Cluster Sulfides Functionalized with Noninnocent Diimine Ligands: Synthesis, Structure, and Redox Behavior. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4093-4100.	2.0	26

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37	Keggin-type Polyoxometalates [PW ₁₁ O ₃₉ MI ₃ Cl] ⁵⁻ with Noble Metals (M = Rh and Ir): Novel Synthetic Entries and ESI-MS Directed Reactivity Screening. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 122-127.	1.2	17
38	One-pot direct C-H arylation of arenes in water catalysed by RuCl ₃ ·nH ₂ O·NaOAc in the presence of Zn. <i>Chemical Communications</i> , 2013, 49, 8320.	4.1	34
39	Complexes of M ₃ S ₄ + (M=Mo, W) with chiral alpha-hydroxy and aminoacids: Synthesis, structure and solution studies. <i>Inorganica Chimica Acta</i> , 2013, 395, 11-18.	2.4	15
40	Alkynyl Complexes of High-Valence Clusters. Synthesis and Luminescence Properties of [Mo ₆ I ₈ (Câ%o;CC(O)OMe) ₆] ²⁻ , the First Complex with Exclusively Organometallic Outer Ligands in the Family of Octahedral {M ₆ X ₈ } Clusters. <i>Inorganic Chemistry</i> , 2013, 52, 12477-12481.	4.0	57
41	Bis(amino amides) derived from natural amino acids as chiral receptors for N-protected dicarboxylic amino acids. <i>Tetrahedron Letters</i> , 2013, 54, 72-79.	1.4	28
42	Unsymmetrically Substituted Mo ₃ S ₄ + Clusters Bearing Diphosphane Ligands. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1418-1426.	2.0	4
43	Tungsten and molybdenum incomplete cuboidal clusters; kinetic-mechanistic studies and association in dimers. <i>Dalton Transactions</i> , 2013, 42, 15016.	3.3	9
44	Mo ₃ Q ₇ (Q = S, Se) Clusters Containing Dithiolate/Diselenolate Ligands: Synthesis, Structures, and Their Use as Precursors of Magnetic Single-Component Molecular Conductors. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2615-2622.	2.0	32
45	New Ag(I)-Iminophosphorane Coordination Polymers as Efficient Catalysts Precursors for the MW-Assisted Meyer-Schuster Rearrangement of Propargylic Alcohols in Water. <i>Inorganic Chemistry</i> , 2013, 52, 6533-6542.	4.0	29
46	Synthesis, Structure, Gas-Phase Reactivity, and Catalytic Relevance of Trinuclear Mo ₃ S ₄ Clusters Bearing Terminal Hydroxo and Hydrosulfido Groups. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5797-5805.	2.0	11
47	Cubane-Type Mo ₃ FeS ₄ ^{4+,5+} Complexes Containing Outer Diphosphane Ligands: Ligand Substitution Reactions, Spectroscopic Studies, and Electronic Structure. <i>Inorganic Chemistry</i> , 2012, 51, 10512-10521.	4.0	11
48	Tuning Chloride Binding, Encapsulation, and Transport by Peripheral Substitution of Pseudopeptidic Tripodal Small Cages. <i>Chemistry - A European Journal</i> , 2012, 18, 16728-16741.	3.3	32
49	Radical Mechanism in the Elimination of 2-Arylsulfinyl Esters. <i>Journal of Organic Chemistry</i> , 2012, 77, 5191-5197.	3.2	13
50	Water-Soluble Mo ₃ S ₄ Clusters Bearing Hydroxypropyl Diphosphine Ligands: Synthesis, Crystal Structure, Aqueous Speciation, and Kinetics of Substitution Reactions. <i>Inorganic Chemistry</i> , 2012, 51, 6794-6802.	4.0	27
51	Imidazole Based Ruthenium(IV) Complexes as Highly Efficient Bifunctional Catalysts for the Redox Isomerization of Allylic Alcohols in Aqueous Medium: Water as Cooperating Ligand. <i>ACS Catalysis</i> , 2012, 2, 2087-2099.	11.2	55
52	Chemoselective Transfer Hydrogenation to Nitroarenes Mediated by Cubane-type Mo ₃ S ₄ Cluster Catalysts. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7794-7798.	13.8	149
53	Highly Efficient Redox Isomerisation of Allylic Alcohols Catalysed by Pyrazole-Based Ruthenium(IV) Complexes in Water: Mechanisms of Bifunctional Catalysis in Water. <i>Chemistry - A European Journal</i> , 2012, 18, 7749-7765.	3.3	68
54	Organometallic derivatives of Rh- and Ir-substituted polyoxotungstates with Keggin structure: reactivity screening by electrospray ionization mass-spectrometry. <i>Dalton Transactions</i> , 2012, 41, 9889.	3.3	21

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55	Incorporation of cubane-type Mo ₃ S ₄ molybdenum cluster sulfides in the framework of mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 380-389.	4.4	18
56	Detection, characterization and quantification of salicylic acid conjugates in plant extracts by ESI tandem mass spectrometric techniques. <i>Plant Physiology and Biochemistry</i> , 2012, 53, 19-26.	5.8	14
57	Isolation of a New C ₃ S ₄ Symmetrized Mo ₃ ($\frac{1}{4}$ S)($\frac{1}{4}$ S)($\frac{1}{4}$ S) ₂ Structural Type Through Complementary Association with a Cubane-Type Mo ₃ NiS ₄ Cluster. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1278-1284.	2.0	3
58	Characterization of PVC- Γ -Tetraruthenated Metalloporphyrins Modified Electrodes: Application as Electrocatalyst in the Nitrite Reduction. <i>Macromolecular Symposia</i> , 2011, 304, 93-100.	0.7	8
59	Mechanism of the catalytic gas-phase aldehyde production from trinuclear W ₃ S ₄ complexes bearing W-OEt groups. <i>Catalysis Today</i> , 2011, 177, 72-78.	4.4	8
60	Synthesis and characterization of [PW ₁₁ O ₃₉ Ir(H ₂ O)] ₄ ⁴⁻ : successful incorporation of Ir into polyoxometalate framework and study of the substitutional lability at the Ir(III) site. <i>Chemical Communications</i> , 2011, 47, 7833.	4.1	28
61	Cuboidal Mo ₃ S ₄ and Mo ₃ NiS ₄ Complexes Bearing Dithiophosphates and Chiral Carboxylate Ligands: Synthesis, Crystal Structure and Fluxionality. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 683-693.	2.0	12
62	Selective synthesis of triangular cluster oxido-sulfidocomplexes of Mo and W: High yield preparations of [Mo ₃ O ₂ S ₂ (H ₂ O) ₉] ⁴⁺ , [W ₃ O ₂ S ₂ (H ₂ O) ₉] ⁴⁺ , [W ₂ MoO ₂ S ₂ (H ₂ O) ₉] ⁴⁺ and their derivatization. <i>Inorganica Chimica Acta</i> , 2010, 363, 3330-3337.	2.4	11
63	Use of a cubane-type Mo ₃ CoS ₄ molecular cluster as paramagnetic unit in the synthesis of hybrid charge-transfer salts. <i>Inorganica Chimica Acta</i> , 2010, 363, 4197-4201.	2.4	6
64	Trinuclear molybdenum cluster sulfides coordinated to dithiolene ligands and their use in the development of molecular conductors. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1534-1548.	18.8	43
65	[Cr(dmbipy)(ox) ₂] ³⁺ : a new bis-oxalato building block for metal assembling. Crystal structures and magnetic properties of XPh ₄ [Cr(dmbipy)(ox) ₂] \cdot 5H ₂ O (X = P and As), {Ba(H ₂ O) ₂ }[Cr(dmbipy)(ox) ₂] ₂ \cdot n \cdot 17/2nH ₂ O ²² and {Ag(H ₂ O) ₂ }[Cr(dmbipy)(ox) ₂] ₂ \cdot n \cdot 3nH ₂ O. <i>CrystEngComm</i> , 2010, 12, 122-133.	2.6	22
66	Hybrid Organic/Inorganic Complexes Based on Electroactive Tetrathiafulvalene-Functionalized Diphosphanes Tethered to C ₃ -Symmetrized Mo ₃ Q ₄ (Q = S, Se) Clusters. <i>Inorganic Chemistry</i> , 2010, 49, 1894-1904.	4.0	26
67	Sulfur-Based Redox Reactions in Mo ₃ S ₇ ⁴⁺ and Mo ₃ S ₄ ⁴⁺ Clusters Bearing Halide and 1,2-Dithiolene Ligands: a Mass Spectrometric and Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2010, 49, 8045-8055.	4.0	11
68	Chiral [Mo ₃ S ₄ H ₃ (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. <i>Inorganic Chemistry</i> , 2010, 49, 5935-5942.	4.0	37
69	Stereoisomerization of β -Hydroxy- α -sulfonyl- γ -butyrolactones Controlled by Two Concomitant 1,4-Type Nonbonded Sulfur \cdots Oxygen Interactions As Analyzed by X-ray Crystallography. <i>Journal of Organic Chemistry</i> , 2010, 75, 5888-5894.	3.2	40
70	Molecular recognition of N-protected dipeptides by pseudopeptidic macrocycles: a comparative study of the supramolecular complexes by ESI-MS and NMR. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1329.	2.8	28
71	Site specific ligand substitution in cubane-type Mo ₃ FeS ₄ ⁴⁺ clusters: Kinetics and mechanism of reaction and isolation of mixed ligand Cl/SPh complexes. <i>Dalton Transactions</i> , 2010, 39, 3725.	3.3	12
72	Unprecedented Solvent-Assisted Reactivity of Hydrido W ₃ CuS ₄ Cubane Clusters: The Non-Innocent Behaviour of the Cluster-Core Unit. <i>Chemistry - A European Journal</i> , 2009, 15, 4582-4594.	3.3	16

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73	Interaction of $[Mo_6Cl_{14}]^{2-}$ with H_2Se : Selective Preparation of $[Mo_6SeCl_{13}]^{3-}$. <i>Journal of Cluster Science</i> , 2009, 20, 83-92.	3.3	8
74	Electrospray Ionization Based Methods for the Generation of Polynuclear Oxo- and Hydroxo Group 6 Anions in the Gas-Phase. <i>Journal of Cluster Science</i> , 2009, 20, 177-192.	3.3	17
75	Underivatized polyamine analysis in plant samples by ion pair LC coupled with electrospray tandem mass spectrometry. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 592-598.	5.8	33
76	Reactions of $M_3Te_7^{4+}$ (M=Mo, W) clusters with electrophilic reagents: Chalcogen exchange in the Te_2 ligand and the first complexes of $(TeS)_2^{2-}$. <i>Polyhedron</i> , 2009, 28, 3479-3484.	2.2	8
77	Compounds with the Electron-Rich $[W_6Cl_{18}]^{2-}$ Cluster Anion. <i>Inorganic Chemistry</i> , 2009, 48, 3825-3831.	4.0	20
78	Synthesis and Characterization of Mixed Chalcogen Triangular Complexes with New $Mo_3(\frac{1}{4}S)(\frac{1}{4}Se)_2^{3+}$ and $M_3(\frac{1}{4}S)(\frac{1}{4}Se)_2^{3+}$ (M = Mo, W) Cluster Cores. <i>Inorganic Chemistry</i> , 2009, 48, 4.0 3832-3839.	4.0	37
79	Mixed-Metal Assemblies Based on Cyanide-Bridged Cubane-Type Mo_3Cu_4/Mo_3S_4 Clusters and Molybdenum Carbonyls. <i>Inorganic Chemistry</i> , 2009, 48, 4837-4846.	4.0	15
80	New insights on organosilane oligomerization mechanisms using ESI-MS and ^{29}Si NMR. <i>New Journal of Chemistry</i> , 2009, 33, 1100.	2.8	4
81	Unprecedented Linking of Two Polyoxometalate Units with a Metal-Metal Multiple Bond. <i>Inorganic Chemistry</i> , 2009, 48, 1805-1807.	4.0	17
82	A three-dimensional adamantane-like nanoscopic cage built from four iodide-bridged triangular Mo_3S_7 cluster units. <i>Chemical Communications</i> , 2009, , 3440.	4.1	6
83	Influence of the Gas Atmosphere on the Deprotection of (Z)- α -Hydroxy- β -Unsaturated Esters. <i>Letters in Organic Chemistry</i> , 2009, 6, 504-506.	0.5	1
84	Tetranuclear Lanthanide Aqua Hydroxo Complexes with Macrocyclic Ligand Cucurbit[6]uril. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 416-424.	2.0	86
85	Heterometallic Cuboidal Clusters $M_3M^{\sim}Q_4$ (M = Mo, W; M^{\sim} = Sn, Pb, As, Sb; Q = S, Se): From Coordination Compounds to Supramolecular Adducts. <i>Inorganic Chemistry</i> , 2008, 47, 306-314.	4.0	22
86	Trinuclear Mo_3S_7 Clusters Coordinated to Dithiolate or Diselenolate Ligands and Their Use in the Preparation of Magnetic Single Component Molecular Conductors. <i>Inorganic Chemistry</i> , 2008, 47, 9400-9409.	4.0	48
87	Intrinsic Gas-Phase Reactivity toward Methanol of Trinuclear Tungsten W_3S_4 Complexes Bearing $W^{\sim}X$ (X = Br, OH) Groups. <i>Journal of Physical Chemistry A</i> , 2008, 112, 12550-12558.	2.5	18
88	Synthesis and Molecular and Electronic Structures of a Series of Mo_3CoSe_4 Cluster Complexes with Three Different Metal Electron Populations. <i>Inorganic Chemistry</i> , 2008, 47, 3661-3668.	4.0	9
89	Structural diversity in charge transfer salts based on Mo_3S_7 and $Mo_3S_4Se_3$ clusters complexes and bis(ethylenedithio)tetrathiafulvalene (ET). <i>Journal of Materials Chemistry</i> , 2007, 17, 3440.	6.7	26
90	Synthesis, structure and reactivity of cuboidal-type cluster aqua complexes with W_3PdS_4 +core. <i>Dalton Transactions</i> , 2007, , 550-557.	3.3	29

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91	Synthesis, Crystal Structure, Aqueous Speciation, and Kinetics of Substitution Reactions in a Water-Soluble Mo ₃ S ₄ Cluster Bearing Hydroxymethyl Diphosphine Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 7668-7677.	4.0	37
92	C ₃ -Symmetric Trinuclear Molybdenum Cluster Sulfides: Configurational Stability, Supramolecular Stereocontrol, and Absolute Configuration Assignment. <i>Inorganic Chemistry</i> , 2007, 46, 10717-10723.	4.0	21
93	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. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1863-1872.	2.8	23
94	A combined stopped-flow, electrospray ionization mass spectrometry and ³¹ P NMR study on the acetic acid-mediated fragmentation of the hydroxo-chalcogenide cluster [W ₃ Se ₄ (OH) ₃ (dmpe) ₃]+(dmpe =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 TF 5</i> <i>Dalton Transactions</i> , 2006, , 5725-5733.	3.3	11
95	Synthesis of the Novel [W ₃ PdS ₄ H ₃ (dmpe) ₃ (CO)]+Cubane Cluster and Kinetic Studies on the Substitution of Coordinated Hydrides in Acidic Media. <i>Inorganic Chemistry</i> , 2006, 45, 5576-5584.	4.0	17
96	The Structure of ([W ₃ Q ₄ X ₃ (dmpe) ₃] ⁺ , Y ⁻) Ion Pairs (Q = S, Se; X = H, OH, Br; Y = BF ₄ , PF ₆ , dmpe =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 TF 5</i> Proton Transfer to the Hydride Cluster [W ₃ S ₄ H ₃ (dmpe) ₃] ⁺ . <i>Inorganic Chemistry</i> , 2006, 45, 5774-5784.	4.0	26
97	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 Intermediates. <i>Organometallics</i> , 2006, 25, 3713-3720.	2.3	73
98	Ion chemistry of a series of cluster compounds with Mo ₃ Q ₄ and Mo ₃ M ² Q ₄ (Q=S, Se; M ² =Cu, Co, Ni) cores containing 1,2 diphosphanes as ancillary ligands: New insights on the gas-phase stability from electrospray tandem mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2006, 254, 28-36.	1.5	18
99	Unprecedented Stereoselective Synthesis of Catalytically Active Chiral Mo ₃ Cu ₄ Clusters. <i>Chemistry - A European Journal</i> , 2006, 12, 1486-1492.	3.3	75
100	Heterobimetallic cuboidal [Mo ₃ Ni ₄ S ₄] and [W ₃ Ni ₄ S ₄] cluster diphosphane complexes as molecular models in hydrodesulfurization catalysis. <i>Polyhedron</i> , 2005, 24, 1212-1220.	2.2	32
101	[Mo ₃ ReS ₄ (O) ₂ (S ₂ P(OEt) ₂) ₅]: an example of chalcogenide cluster with a highly oxidized Mo ₃ ReS ₄ ⁺ core. <i>Comptes Rendus Chimie</i> , 2005, 8, 1815-1819.	0.5	1
102	A New Series of Homologous Cluster Complexes [Mo ₃ (M'EPh ₃)Q ₄ Cl ₄ (H ₂ O) ₅] (M' = Ni, Pd; E = P, As, Sb; Q) <i>Tj ETQq0 0 0 rgBT /Overlock 10 TF 5</i>	2.0	13
103	Synthesis and Structure of Ta ₄ S ₉ Br ₈ . An Emergent Family of Early Transition Metal Chalcogenide Clusters. <i>Inorganic Chemistry</i> , 2005, 44, 8756-8761.	4.0	19
104	A Family of Oxo-Chalcogenide Molybdenum and Tungsten Complexes, (n-Bu ₄ N) ₂ [M ₂ O ₂ (^{1/4} -Q) ₂ (1,3-dithiole-2-thione-4,5-dithiolate) ₂] (M = Mo, W; Q = S, Se): New Synthetic Entries, Structure, and Gas-Phase Behavior. <i>Inorganic Chemistry</i> , 2005, 44, 8937-8946.	4.0	29
105	Synthesis and Reactivity of W ₃ Te ₇ ⁺ Clusters and Chalcogen Exchange in the M ₃ Q ₇ (M = Mo, W; Q = S,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5</i>	4.0	34
106	Synthesis, Crystal Structure, and Properties of Multicomponent Bis(ethylenedithio)tetrathiafulvalene Charge-Transfer Salts of the [Mo ₃ S ₇ Br ₆] ₂ -Cluster. <i>Inorganic Chemistry</i> , 2005, 44, 1563-1570.	4.0	22
107	Supramolecular Chemistry Based on [W ₃ S ₄ (H ₂ O) ₆ Cl ₃] ⁺ - A Versatile Building Block. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 63-68.	2.0	16
108	Cubane-Type Mo ₃ CoS ₄ Molecular Clusters with Three Different Metal Electron Populations: Structure, Reactivity and Their Use in the Synthesis of Hybrid Charge-Transfer Salts. <i>Chemistry - A European Journal</i> , 2004, 10, 4308-4314.	3.3	29

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109	Aqueous solution chemistry of $[Mo_3CuSe_4]^{n+}$ ($n = 4, 5$) and $[W_3CuQ_4]^{5+}$ ($Q = S, Se$) clusters. Dalton Transactions, 2004, , 847.	3.3	25
110	Synthesis and structure of the incomplete cuboidal clusters $[W_3Se_4H_3(dmpe)_3]^+$, $[W_3Se_4H_3x(OH)x(dmpe)_3]^+$ and $[W_3Se_4(OH)_3(dmpe)_3]^+$, and the mechanism of the acid-assisted substitution of the coordinated hydrides. Dalton Transactions, 2004, , 530-536.	3.3	27
111	Single-Component Magnetic Conductors Based on Mo_3S_7 Trinuclear Clusters with Outer Dithiolate Ligands. Journal of the American Chemical Society, 2004, 126, 12076-12083.	13.7	88
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113	Synthesis and third-order nonlinear optical properties of $[Mo_3(\frac{1}{4}S)(\frac{1}{4}S_2)_3]^{4+}$ clusters with maleonitriledithiolate, oxalate and thiocyanate ligands. Dalton Transactions, 2003, , 4546-4551.	3.3	32
114	Transition metal incorporation into seleno-bridged cubane type clusters of molybdenum and tungsten. X-Ray crystal structures of the first $[Mo_3CuSe_4]$ derivatives. Dalton Transactions RSC, 2001, , 2813-2818.	2.3	26
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