

stphane Cordier

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ext. citations

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#	Paper	IF	Citations
224	Synthesis and Characterization of Cs ₂ Mo ₆ X ₁₄ (X = Br or I) Hexamolybdenum Cluster Halides: Efficient Mo ₆ Cluster Precursors for Solution Chemistry Syntheses. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 411-416	1.3	128
223	Clustomesogens: liquid crystal materials containing transition-metal clusters. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3351-5	16.4	112
222	Water-in-Oil Microemulsion Preparation and Characterization of Cs ₂ [Mo ₆ X ₁₄]/SiO ₂ Phosphor Nanoparticles Based on Transition Metal Clusters (X = Cl, Br, and I). <i>Advanced Materials</i> , 2008 , 20, 143-148	3.4	98
221	Inorganic Molybdenum Octahedral Nanosized Cluster Units, Versatile Functional Building Block for Nanoarchitectonics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 189-204	3.2	93
220	Polyoxometalate, Cationic Cluster, and Cyclodextrin: From Primary Interactions to Supramolecular Hybrid Materials. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12793-12803	16.4	89
219	Functional silica nanoparticles synthesized by water-in-oil microemulsion processes. <i>Journal of Colloid and Interface Science</i> , 2010 , 341, 201-8	9.3	88
218	Advances in the Engineering of Near Infrared Emitting Liquid Crystals and Copolymers, Extended Porous Frameworks, Theranostic Tools and Molecular Junctions Using Tailored Re ₆ Cluster Building Blocks. <i>Journal of Cluster Science</i> , 2015 , 26, 53-81	3	85
217	Elastic Softness of Hybrid Lead Halide Perovskites. <i>Physical Review Letters</i> , 2018 , 121, 085502	7.4	82
216	Red-NIR luminescent hybrid poly(methyl methacrylate) containing covalently linked octahedral rhenium metallic clusters. <i>Chemistry - A European Journal</i> , 2010 , 16, 5613-9	4.8	79
215	Elastic Constants, Optical Phonons, and Molecular Relaxations in the High Temperature Plastic Phase of the CH ₃ NHPbBr Hybrid Perovskite. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3776-3784	6.4	75
214	Detailed Structural and Theoretical Studies of the Bonding in Edge-Bridged Halide and Oxyhalide Octahedral Niobium and Tantalum Clusters. <i>Inorganic Chemistry</i> , 1998 , 37, 6199-6207	5.1	72
213	Ionically Self-Assembled Clustomesogen with Switchable Magnetic/Luminescence Properties Containing [Re ₆ Se ₈ (CN) ₆] _n (n= 3, 4) Anionic Clusters. <i>Chemistry of Materials</i> , 2011 , 23, 5122-5130	9.6	71
212	One-pot synthesis of gold nanoparticle/molybdenum cluster/graphene oxide nanocomposite and its photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2013 , 130-131, 270-276	21.8	69
211	Fast photocatalytic degradation of rhodamine B over [Mo ₆ Br ₈ (N ₃) ₆] ₂ cluster units under sun light irradiation. <i>Applied Catalysis B: Environmental</i> , 2012 , 123-124, 1-8	21.8	67
210	Extended Investigations on Luminescent Cs ₂ [Mo ₆ Br ₁₄]/SiO ₂ Nanoparticles: Physico-Structural Characterizations and Toxicity Studies. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 20154-20163	3.8	63
209	Hexamolybdenum clusters supported on graphene oxide: Visible-light induced photocatalytic reduction of carbon dioxide into methanol. <i>Carbon</i> , 2015 , 94, 91-100	10.4	58
208	Tuned red NIR phosphorescence of polyurethane hybrid composites embedding metallic nanoclusters for oxygen sensing. <i>Chemical Communications</i> , 2015 , 51, 8177-80	5.8	57

207	Root uptake and phytotoxicity of nanosized molybdenum octahedral clusters. <i>Journal of Hazardous Materials</i> , 2012 , 219-220, 111-8	12.8	56
206	Influence of [Mo ₆ Br ₈ F ₆] ²⁻ cluster unit inclusion within the mesoporous solid MIL-101 on hydrogen storage performance. <i>Langmuir</i> , 2010 , 26, 11283-90	4	56
205	Self-assembly of ambivalent organic/inorganic building blocks containing Re ₆ metal atom cluster: formation of a luminescent honeycomb, hollow, tubular metal-organic framework. <i>Inorganic Chemistry</i> , 2009 , 48, 1482-9	5.1	56
204	Nonconventional Three-Component Hierarchical Host-Guest Assembly Based on Mo-Blue Ring-Shaped Giant Anion, β-Cyclodextrin, and Dawson-type Polyoxometalate. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14376-14379	16.4	55
203	Bedload transport in shallow water models: Why splitting (may) fail, how hyperbolicity (can) help. <i>Advances in Water Resources</i> , 2011 , 34, 980-989	4.7	55
202	One-pot synthesis and characterizations of bi-functional phosphor-magnetic @SiO ₂ nanoparticles: controlled and structured association of Mo(6) cluster units and gamma-Fe ₂ O ₃ nanocrystals. <i>Chemical Communications</i> , 2008 , 4729-31	5.8	54
201	Epoxy Based Ink as Versatile Material for Inkjet-Printed Devices. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 21975-84	9.5	53
200	Combined theoretical and time-resolved photoluminescence investigations of [Mo ₆ Br ₈ Br(a)] ²⁺ metal cluster units: evidence of dual emission. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 28574-85	3.6	51
199	When Metal Atom Clusters Meet ZnO Nanocrystals: A ((n-C ₄ H ₉) ₄ N) ₂ Mo ₆ Br ₁₄ @ZnO Hybrid. <i>Advanced Materials</i> , 2008 , 20, 1710-1715	24	50
198	From simple monopyridine clusters [Mo ₆ Br ₁₃ (Py-R)][n-Bu ₄ N] and hexapyridine clusters [Mo ₆ X ₈ (Py-R) ₆][OSO ₂ CF ₃] ₄ (X = Br or I) to cluster-cored organometallic stars, dendrons, and dendrimers. <i>Inorganic Chemistry</i> , 2006 , 45, 1156-67	5.1	50
197	Color control in coaxial two-luminophore nanowires. <i>ACS Nano</i> , 2013 , 7, 2977-87	16.7	49
196	Selective functionalisation of Re ₆ cluster anionic units: from hexa-hydroxo [Re ₆ Q ₈ (OH) ₆] ⁴⁻ (Q = S, Se) to neutral trans-[Re ₆ Q ₈ L ₄ L' ₂] hybrid building blocks. <i>Dalton Transactions</i> , 2009 , 1297-9	4.3	49
195	Liquid crystal properties resulting from synergetic effects between non-mesogenic organic molecules and a one nanometre sized octahedral transition metal cluster. <i>Chemical Communications</i> , 2011 , 47, 2056-8	5.8	47
194	Assembly of hexamolybdenum metallic clusters on silicon surfaces. <i>ChemPhysChem</i> , 2007 , 8, 2086-90	3.2	47
193	Photoreduction of CO ₂ to methanol with hexanuclear molybdenum [Mo ₆ Br ₁₄] ²⁺ cluster units under visible light irradiation. <i>RSC Advances</i> , 2014 , 4, 10420	3.7	46
192	Deep red luminescent hybrid copolymer materials with high transition metal cluster content. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1545-1552	7.1	46
191	Synthesis and characterization of A ₄ [Re ₆ Q ₈ L ₆] ⁺ @SiO ₂ red-emitting silica nanoparticles based on Re ₆ metal atom clusters (A = Cs or K, Q = S or Se, and L = OH or CN). <i>Langmuir</i> , 2010 , 26, 18512-8	4	45
190	Versatility of the ionic assembling method to design highly luminescent PMMA nanocomposites containing [M ₆ Q(i)8L(a) ₆] ⁽ⁿ⁻⁾ octahedral nano-building blocks. <i>Dalton Transactions</i> , 2016 , 45, 237-45	4.3	44

189	(Eta ⁶ -arene) ruthenium(II) complexes and metallo-papain hybrid as Lewis acid catalysts of Diels-Alder reaction in water. <i>Dalton Transactions</i> , 2010 , 39, 5605-7	4.3	44
188	Electrochemical and Charge Transport Behavior of Molybdenum-Based Metallic Cluster Layers Immobilized on Modified n- and p-Type Si(111) Surfaces. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 17437-17446	3.8	44
187	Time-gated luminescence bioimaging with new luminescent nanocolloids based on [Mol(CFCOO)] metal atom clusters. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 30166-30173	3.6	43
186	Recent investigations on the (Me ₆ L ₁₈) _n unit based halides and oxyhalides (Me = Nb, Ta and L = Cl, Br, O) with rare earths as counteranions: Electronic and steric effects. <i>Journal of Alloys and Compounds</i> , 1995 , 229, 123-133	5.7	42
185	Cysteine-specific, covalent anchoring of transition organometallic complexes to the protein papain from <i>Carica papaya</i> . <i>ChemBioChem</i> , 2007 , 8, 224-31	3.8	40
184	Nanocluster cores (X=Br, I): From inorganic solid state compounds to hybrids. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1705-1709	2.7	40
183	Two [Nb ₆ Cl ₉ O ₃ (CN) ₆] ⁵⁻ isomer anions in two Nb ₆ cluster oxyhalides: Cs ₅ [Nb ₆ Cl ₉ O ₃ (CN) ₆] x 4 H ₂ O and (Me ₄ N) ₅ [Nb ₆ Cl ₉ O ₃ (CN) ₆] x 5 H ₂ O. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3002-4	16.4	40
182	Experimental and Theoretical Evidence of π - π Interactions in Supramolecular Assemblies Based on TTF-CH=CH-Py Ligands Tethered to Mo ₆ X ₈ Octahedral Molybdenum Halide Cluster Cores. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2153-2161	2.3	39
181	Novel Nanomaterials Based on Inorganic Molybdenum Octahedral Clusters. <i>Journal of Cluster Science</i> , 2009 , 20, 9-21	3	39
180	Molybdenum cluster loaded PLGA nanoparticles: An innovative theranostic approach for the treatment of ovarian cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 125, 95-105	5.7	37
179	Host-Guest Binding Hierarchy within Redox- and Luminescence-Responsive Supramolecular Self-Assembly Based on Chalcogenide Clusters and β -Cyclodextrin. <i>Chemistry - A European Journal</i> , 2018 , 24, 13467-13478	4.8	36
178	Synthesis and characterization of Mo(6) chalcobromides and cyano-substituted compounds built from a novel [(Mo(6)Br(i)(6)Y(i)(2))L(a)(6)](n) ⁰⁽⁻⁾ discrete cluster unit (Y(i) = S or Se and L(a) = Br or CN). <i>Inorganic Chemistry</i> , 2004 , 43, 219-26	5.1	36
177	Design and Integration in Electro-Optic Devices of Highly Efficient and Robust Red-NIR Phosphorescent Nematic Hybrid Liquid Crystals Containing [Mo ₆ 18(OCOCnF _{2n+1}) ₆] ₂ [(n = 1, 2, 3) Nanoclusters. <i>Advanced Functional Materials</i> , 2015 , 25, 4966-4975	15.6	35
176	From metallic cluster-based ceramics to nematic hybrid liquid crystals: a double supramolecular approach. <i>Chemical Communications</i> , 2015 , 51, 3774-7	5.8	34
175	Designing a Thermoelectric Copper-Rich Sulfide from a Natural Mineral: Synthetic Germanite CuFeGeS. <i>Inorganic Chemistry</i> , 2017 , 56, 13376-13381	5.1	33
174	Hexacyano octahedral metallic clusters as versatile building blocks in the design of extended polymeric framework and clustomesogens. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9813-9823	7.1	33
173	Crystallochemistry of some new niobium bromides with (Nb ₆ Br ₁₈) units: Structures of CsErNb ₆ Br ₁₈ and Cs ₂ EuNb ₆ Br ₁₈ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 621-627	1.3	32
172	Graphene oxide supported molybdenum cluster: first heterogenized homogeneous catalyst for the synthesis of dimethylcarbonate from CO ₂ and methanol. <i>Chemistry - A European Journal</i> , 2015 , 21, 3488-94	4.8	31

171	Mo cluster-based compounds for energy conversion applications: comparative study of photoluminescence and cathodoluminescence. <i>Science and Technology of Advanced Materials</i> , 2017 , 18, 458-466	7.1	29
170	Fine tuning of emission through the engineering of colloidal crystals. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11993-9	3.6	29
169	In Situ Generation of Active Molybdenum Octahedral Clusters for Photocatalytic Hydrogen Production from Water. <i>ChemSusChem</i> , 2016 , 9, 1963-71	8.3	29
168	Synthesis and structures of new cyanide and thiocyanate complexes based on Nb ₆ Cl ₁₂ cluster core: Cs ₄ [Nb ₆ Cl ₁₂ (CN) ₆] \cdot 4H ₂ O, Cs ₄ [Nb ₆ Cl ₁₂ (NCS) ₆] and the double salt (Me ₄ N) ₄ [Nb ₆ Cl ₁₂ (CN) ₆] \cdot 2Me ₄ NCl \cdot 2H ₂ O. <i>Solid State Sciences</i> , 2003 , 5, 1359-1367	3.4	28
167	Mo ₆ Br ₈ -Cluster-cored organometallic stars and dendrimers. <i>Comptes Rendus Chimie</i> , 2005 , 8, 1789-1797	2.7	28
166	Covalent Anchoring of Re ₆ Se ₈ Cluster Cores Monolayers on Modified n- and p-Type Si(111) Surfaces: Effect of Coverage on Electronic Properties. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 18622-18633	3.8	27
165	New series of niobium oxychlorides, M ₂ RENb ₆ Cl ₁₅ O ₃ (M = monovalent cation, RE = rare earth) and M ₂ UNb ₆ Cl ₁₅ O ₃ . The crystal structure of Cs ₂ UNb ₆ Cl ₁₅ O ₃ . <i>Materials Research Bulletin</i> , 1997 , 32, 25-33	5.1	27
164	Structures and Properties of NbOF ₃ and TaOF ₃ [with a Remark to the O/F Ordering in the SnF ₄ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2683-2690	1.3	27
163	Mn ₅ Si ₃ -type host-interstitial boron rare-earth metal silicide compounds RE ₅ Si ₃ : Crystal structures, physical properties and theoretical considerations. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2310-2328	3.3	26
162	Inorganic Molybdenum Clusters as Light-Harvester in All Inorganic Solar Cells: A Proof of Concept. <i>ChemistrySelect</i> , 2016 , 1, 2284-2289	1.8	26
161	New ultra-violet and near-infrared blocking filters for energy saving applications: fabrication of tantalum metal atom cluster-based nanocomposite thin films by electrophoretic deposition. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10477-10484	7.1	24
160	Syntheses and structures of two new M ₆ Li ₈ (N ₃) ₆ cluster-unit based compounds: Cs ₄ Re ₆ S ₈ (N ₃) ₆ \cdot 4H ₂ O and Na ₂ Mo ₆ Br ₈ (N ₃) ₆ \cdot 2H ₂ O. <i>Solid State Sciences</i> , 2003 , 5, 1263-1270	3.4	24
159	Synthesis and Crystal Structure of the Azide K ₄ [Re ₆ Se ₈ (N ₃) ₆] \cdot 4H ₂ O; Luminescence, Redox, and DFT Investigations of the [Re ₆ Se ₈ (N ₃) ₆] ₄ Cluster Unit. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1756-1762	1.3	23
158	Crystal structures, physical properties and NMR experiments on the ternary rare-earth metal silicide boride compounds RE ₅ Si ₂ B ₈ (RE=Y, Sm, Gd, Tb, Dy, Ho). <i>Journal of Solid State Chemistry</i> , 2005 , 178, 1851-1863	3.3	23
157	The Simple Hexapyridine Cluster [Mo ₆ Br ₈ Py ₆][OSO ₂ CF ₃] ₄ and Substituted Hexapyridine Clusters Including a Cluster-cored Polyolefin Dendrimer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 2746-2750	1.3	23
156	A new series of oxyhalides based on (Nb ₆ Cl ₁₁ Oi)Cl ₆ a units with oxygen in statistical occupancy: M ₂ renb ₆ Cl ₁₇ O. The crystal structure of Cs ₂ LuNb ₆ Cl ₁₇ O. <i>Materials Research Bulletin</i> , 1996 , 31, 683-690	5.1	23
155	Direct evidence of weakly dispersed and strongly anharmonic optical phonons in hybrid perovskites. <i>Communications Physics</i> , 2020 , 3,	5.4	22
154	Multifunctional hybrid silica nanoparticles based on [MoBr ₈] ²⁻ phosphorescent nanosized clusters, magnetic Fe ₃ O ₄ and plasmonic gold nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2014 , 424, 132-40	9.3	22

153	Syntheses and Crystal Structures of the First Bromofluorides in Niobium Cluster Chemistry: Nb ₆ Br ₈ F ₇ and Na ₂ NbF ₆ (Nb ₆ Br ₄ F ₁₁). <i>Journal of Solid State Chemistry</i> , 2001 , 158, 327-333	3.3	22
152	Electroswitchable red-NIR luminescence of ionic clustomesogen containing nematic liquid crystalline devices. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5152-5161	7.1	21
151	Phosphorescent columnar hybrid materials containing polyionic inorganic nanoclusters. <i>Chemical Communications</i> , 2016 , 52, 3127-30	5.8	21
150	Thermotropic luminescent clustomesogen showing a nematic phase: a combination of experimental and molecular simulation studies. <i>Chemistry - A European Journal</i> , 2014 , 20, 8561-5	4.8	21
149	An extended open framework based on disordered [Nb ₆ Cl ₉ O ₃ (CN) ₆] ₅ cluster units: Synthesis and crystal structure of Cs ₃ Mn[Nb ₆ Cl ₉ O ₃ (CN) ₆] ₇ ·0.6H ₂ O. <i>Solid State Sciences</i> , 2005 , 7, 1517-1521	3.4	21
148	High temperature neutron powder diffraction study of the Cu ₁₂ Sb ₄ S ₁₃ and Cu ₄ Sn ₇ S ₁₆ phases. <i>Journal of Solid State Chemistry</i> , 2017 , 247, 83-89	3.3	20
147	Visible tunable lighting system based on polymer composites embedding ZnO and metallic clusters: from colloids to thin films. <i>Science and Technology of Advanced Materials</i> , 2016 , 17, 443-453	7.1	20
146	Controlled synthesis and luminescence properties of trans-[Re ₆ S ₈ (CN) ₄ (OH) ₂ ·(H ₂ O) _n] _n octahedral rhenium(III) cluster units (n = 0, 1 or 2). <i>Polyhedron</i> , 2014 , 67, 351-359	2.7	20
145	Supramolecular Anchoring of Octahedral Molybdenum Clusters onto Graphene and Their Synergies in Photocatalytic Water Reduction. <i>Inorganic Chemistry</i> , 2019 , 58, 15443-15454	5.1	19
144	Tunable Visible Emission of Luminescent Hybrid Nanoparticles Incorporating Two Complementary Luminophores: ZnO Nanocrystals and [Mo ₆ Br ₁₄] ₂ Nanosized Cluster Units. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 90-95	3.1	19
143	Access to a novel niobium octahedral cluster core via soft chemistry: synthesis and structure of K _{2.6} Cs _{3.4} [Nb ₆ Cl ₄ O ₄ (OH) ₄ (CN) ₆] ₃ ·H ₂ O containing isolated Nb ₆ Cl ₄ O ₄ (OH) ₄ (CN) ₆ cluster unit. <i>Inorganica Chimica Acta</i> , 2003 , 350, 503-510	2.7	19
142	The first chlorofluoride in niobium cluster chemistry structure of the double salt: Na _x Nb ₇ F ₂₁ Cl _y (x ~ 2; y ~ 8). <i>Solid State Sciences</i> , 1999 , 1, 199-209	3.4	19
141	Octahedral molybdenum cluster as a photoactive antimicrobial additive to a fluoroplastic. <i>Materials Science and Engineering C</i> , 2019 , 105, 110150	8.3	18
140	Synthesis and properties of charge-transfer solids with cluster units [Mo ₆ X ₁₄] ₂ (X = Br, I). <i>Journal of Materials Chemistry</i> , 2012 , 22, 19774		18
139	Octahedral niobium cluster-based solid state halides and oxyhalides: effects of the cluster condensation via an oxygen ligand on electronic and magnetic properties. <i>New Journal of Chemistry</i> , 2011 , 35, 2245	3.6	18
138	Size-Exclusion Mechanism Driving Host-Guest Interactions between Octahedral Rhenium Clusters and Cyclodextrins. <i>Inorganic Chemistry</i> , 2019 , 58, 13184-13194	5.1	17
137	Isotropic Three-Dimensional Molecular Conductor Based on the Coronene Radical Cation. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3871-3878	2.3	17
136	Transparent tantalum cluster-based UV and IR blocking electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8160-8168	7.1	17

135	Clustomesogens: Liquid Crystal Materials Containing Transition-Metal Clusters. <i>Angewandte Chemie</i> , 2010 , 122, 3423-3427	3.6	17
134	Switchable Two-Dimensional Waveguiding Abilities of Luminescent Hybrid Nanocomposites for Active Solar Concentrators. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 14400-14407	9.5	16
133	Polarized Phosphorescence of Isotropic and Metal-Based Clustomesogens Dispersed into Chiral Nematic Liquid Crystalline Films. <i>Advanced Optical Materials</i> , 2015 , 3, 1368-1372	8.1	16
132	Synthesis and Crystal Structure of Cs ₂ Nb ₆ Br ₅ F ₁₂ : A Nb ₆ Cluster Compound with a One-Dimensional Nb ₆ Br ₅ F ₇ Fa ₆ Unit Connection. <i>Journal of Solid State Chemistry</i> , 2002 , 163, 319-324	3.3	16
131	Rhenium octahedral cluster segregation in selected counteranion matrices: synthesis and structure of My[(Re ₆ Si ₆ Br ₂)Bra ₆] (M=(n-Bu ₄ N) ⁺ , y=2; M=[Ca(DMSO) ₆] ²⁺ or [Cs ₂ (18-crown-6) ₃] ²⁺ , y=1). <i>Inorganica Chimica Acta</i> , 2003 , 350, 537-546	2.7	16
130	An Original Series in the Tantalum Cluster Oxohalide Chemistry with Isolated (Ta ₆ Br ₁₅ O ₃) ₅ - Units: Crystal Structure of Cs ₂ LaTa ₆ Br ₁₅ O ₃ . <i>Journal of Solid State Chemistry</i> , 1995 , 120, 43-48	3.3	16
129	Lattice and Valence Electronic Structures of Crystalline Octahedral Molybdenum Halide Clusters-Based Compounds, Cs[MoX] (X = Cl, Br, I), Studied by Density Functional Theory Calculations. <i>Inorganic Chemistry</i> , 2017 , 56, 6234-6243	5.1	15
128	Supramolecular Frameworks Built up from Red-Phosphorescent trans-Re ₆ Cluster Building Blocks: One Pot Synthesis, Crystal Structures, and DFT Investigations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1156-1163	1.3	15
127	Soluble μ-Fi bridged niobium clusters: synthesis and crystal structures of (Et ₄ N) ₆ [Nb ₆ Fi ₆ Br ₆ (NCS) _a] ₆ Br ₂ and Cs _{1.6} K _{2.4} [Nb ₆ Fi ₆ li ₆ (NCS) _a] ₆ . <i>Chemical Communications</i> , 2004 , 1126-1128	5.8	15
126	New Compounds in the Ta ₆ Bromide Chemistry: M ₂ RETa ₆ Br ₁₈ , MRETa ₆ Br ₁₈ , RETa ₆ Br ₁₈ (M = monovalent cation, RE = rare earth) Crystal Structure of CsErTa ₆ Br ₁₈ . <i>Journal of Solid State Chemistry</i> , 1995 , 118, 274-279	3.3	15
125	Studies on plant cell toxicity of luminescent silica nanoparticles (Cs ₂ [Mo ₆ Br ₁₄]@SiO ₂) and its constitutive components. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	15
124	Fabrication of Transparent Thin Film of Octahedral Molybdenum Metal Clusters by Electrophoretic Deposition. <i>ECS Journal of Solid State Science and Technology</i> , 2016 , 5, R178-R186	2	15
123	Unusual coexistence of magnetic and nonmagnetic Mo ₆ octahedral clusters in a chalcogenide solid solution: synthesis, X-ray diffraction, EPR, and DFT investigations of Cs ₃ Mo ₆ li ₆ li _{2-x} Seixla ₆ . <i>Chemistry - A European Journal</i> , 2007 , 13, 9608-16	4.8	14
122	A hybrid material based on [Mo ₆ Br ₁₄] ₂ inorganic cluster units and [BEDO-TTF] ⁺ organic monocationic radicals: Synthesis, structure and properties of (BEDO-TTF) ₂ Mo ₆ Br ₁₄ (PhCN) ₄ . <i>Journal of Solid State Chemistry</i> , 2006 , 179, 3628-3635	3.3	14
121	A novel layered niobium oxychloride compound based on Nb ₂ pairs and Nb ₆ octahedral clusters: synthesis and crystal and electronic structures of Nb ₁₀ Cl ₁₆ O ₇ . <i>Inorganic Chemistry</i> , 2003 , 42, 8320-7	5.1	14
120	"Host in Host" Supramolecular Core-Shell Type Systems Based on Giant Ring-Shaped Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14146-14153	16.4	14
119	Facile design of red-emitting waveguides using hybrid nanocomposites made of inorganic clusters dispersed in SU8 photoresist host. <i>Optical Materials</i> , 2016 , 52, 196-202	3.3	13
118	Metallinsulator transitions in (V _{1-x} Crx) ₂ O ₃ thin films deposited by reactive direct current magnetron co-sputtering. <i>Thin Solid Films</i> , 2016 , 617, 56-62	2.2	13

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