

Jingyang Niu

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#	Paper	IF	Citations
257	Engineering chiral polyoxometalate hybrid metal-organic frameworks for asymmetric dihydroxylation of olefins. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10186-9	16.4	304
256	Polyoxometalate-based homochiral metal-organic frameworks for tandem asymmetric transformation of cyclic carbonates from olefins. <i>Nature Communications</i> , 2015 , 6, 10007	17.4	193
255	Giant polyniobate clusters based on [Nb ₇ O ₂₂] ⁹⁻ units derived from a Nb ₆ O ₁₉ precursor. <i>Chemistry - A European Journal</i> , 2007 , 13, 8739-48	4.8	170
254	Carboxylate covalently modified polyoxometalates: From synthesis, structural diversity to applications. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 281-309	23.2	137
253	Merging of the photocatalysis and copper catalysis in metal-organic frameworks for oxidative C-C bond formation. <i>Chemical Science</i> , 2015 , 6, 1035-1042	9.4	109
252	Assembly Chemistry between Lanthanide Cations and Monovacant Keggin Polyoxotungstates: Two Types of Lanthanide Substituted Phosphotungstates [({PW ₁₁ O ₃₉ H})Ln(H ₂ O) ₃] ₂ 6 and [({PW ₁₁ O ₃₉)Ln(H ₂ O)(D,El,1)-CH ₃ COO] ₂ 10. <i>Crystal Growth and Design</i> , 2009 , 9, 4362-4372	3.5	109
251	Recent advances in transition-metal-containing Keggin-type polyoxometalate-based coordination polymers. <i>Coordination Chemistry Reviews</i> , 2019 , 392, 49-80	23.2	91
250	Rare sandwich-type polyoxomolybdates constructed from Di-/tetra-nuclear transition-metal clusters and trivacant keggin germanomolybdate fragments. <i>Inorganic Chemistry</i> , 2009 , 48, 9819-30	5.1	90
249	Nona-copper(II)-containing 18-tungsto-8-arsenate(III) exhibits antitumor activity. <i>Chemical Communications</i> , 2013 , 49, 5189-91	5.8	67
248	Novel polyoxometalate hybrids consisting of copper-lanthanide heterometallic/lanthanide germanotungstate fragments. <i>Dalton Transactions</i> , 2012 , 41, 10740-51	4.3	67
247	Organic/Inorganic Hybrids Based on Monovacant Keggin-type Silicotungstates and 3d-4f Heterometals. <i>Crystal Growth and Design</i> , 2012 , 12, 1263-1272	3.5	64
246	Three Transition-Metal Substituted Polyoxotungstates Containing Keggin Fragments: From Trimer to One-Dimensional Chain to Two-Dimensional Sheet. <i>Crystal Growth and Design</i> , 2011 , 11, 1913-1923	3.5	64
245	Controlled assembly of polyoxometalate-based composite materials containing zero- and one-dimensional structures. <i>New Journal of Chemistry</i> , 2004 , 28, 980	3.6	62
244	Tetradecacobalt(II)-containing 36-niobate [Co ₁₄ (OH) ₁₆ (H ₂ O) ₈ Nb ₃₆ O ₁₀₆] ₂₀₋ and its photocatalytic H ₂ evolution activity. <i>Chemistry - A European Journal</i> , 2014 , 20, 9852-7	4.8	61
243	Coordination-Driven Self-Assembly of a 2D Graphite-Like Framework Constructed from High-Nuclear Ce ₁₀ Cluster Encapsulated Polyoxotungstates. <i>Inorganic Chemistry</i> , 2016 , 55, 918-24	5.1	58
242	Tetra-Transition-Metal Substituted Weakley-Type Sandwich Germanotungstates and their Derivatives Decorated by Transition-Metal Complexes. <i>Crystal Growth and Design</i> , 2008 , 8, 3130-3133	3.5	58
241	Magnetic double-tartaric bridging mono-lanthanide substituted phosphotungstates with photochromic and switchable luminescence properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5424-5433	7.1	58

240	Two types of oxalate-bridging rare-earth-substituted Keggin-type phosphotungstates $\{[(PW11O39)RE(H_2O)]_2(C_2O_4)\}(10^-)$ and $\{[(x-PW10O38)RE_2(C_2O_4)(H_2O)_2]\}(3^-)$. <i>Dalton Transactions</i> , 2012 , 41, 3764-72	4.3	57
239	Temperature-controlled assembly of a series of inorganic-organic hybrid arsenomolybdates. <i>CrystEngComm</i> , 2012 , 14, 4060	3.3	55
238	Double-malate bridging tri-lanthanoid cluster encapsulated arsenotungstates: syntheses, structures, luminescence and magnetic properties. <i>Dalton Transactions</i> , 2015 , 44, 11514-23	4.3	52
237	Organodiphosphonate-functionalized lanthanopolyoxomolybdate cages. <i>Chemistry - A European Journal</i> , 2012 , 18, 6759-62	4.8	52
236	Two 1-D multi-nickel substituted arsenotungstate aggregates. <i>CrystEngComm</i> , 2011 , 13, 3462	3.3	50
235	Two organic-organic hybrid 1-D and 3-D polyoxotungstates constructed from hexa-CuII substituted sandwich-type arsenotungstate units. <i>CrystEngComm</i> , 2012 , 14, 2797	3.3	49
234	Rare-earth-transition-metal organic-inorganic hybrids based on Keggin-type polyoxometalates and pyrazine-2,3-dicarboxylate. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 966-74	4.5	49
233	Zero- or One-Dimensional Organic-Organic Hybrid Polyoxoniobates Constructed from Decaniobate Units and Transition-Metal Complexes. <i>Crystal Growth and Design</i> , 2011 , 11, 1253-1261	3.5	49
232	Enhanced Photostability Luminescent Properties of Er-Doped Near-White-Emitting Dy Er-POM Derivatives. <i>Inorganic Chemistry</i> , 2018 , 57, 7665-7675	5.1	48
231	Three-dimensional lanthanide polyoxometalate organic complexes: correlation of structure with properties. <i>CrystEngComm</i> , 2012 , 14, 3205	3.3	46
230	Novel isopolyoxotungstate $[H_2W_{11}O_{38}]_8^-$ based metal organic framework: as Lewis acid catalyst for cyanosilylation of aromatic aldehydes. <i>Inorganic Chemistry</i> , 2014 , 53, 6107-12	5.1	45
229	Carboxylate-functionalized phosphomolybdates: ligand-directed conformations. <i>Inorganic Chemistry</i> , 2013 , 52, 8987-92	5.1	44
228	A Stable Polyoxometalate-Based Metal-Organic Framework as Highly Efficient Heterogeneous Catalyst for Oxidation of Alcohols. <i>Inorganic Chemistry</i> , 2019 , 58, 4945-4953	5.1	42
227	A 3D organic-organic network constructed from an Anderson-type polyoxometalate anion, a copper complex and a tetrameric $[Na_4(H_2O)_{14}]_4^{4+}$ cluster. <i>CrystEngComm</i> , 2010 , 12, 1718	3.3	42
226	A luminescent polyoxoniobate lanthanide derivative $\{Eu(HO)[NbO(HO)]\}$. <i>Chemical Communications</i> , 2017 , 53, 3709-3712	5.8	41
225	A novel type of heteropolyoxoanion precursors $[[Ca(H_2O)]_6[P_4M_6O_{34}]_2](12^-)$ (M = WVI, MoVI) constructed by two $[P_4M_6O_{34}](12^-)$ subunits via a rare hexa-calcium cluster. <i>Chemical Communications</i> , 2009 , 2362-4	5.8	41
224	A Novel Polyoxotungstate $[Ni_4(H_2O)_2[NiW_9O_{34}]_2]_{16}^-$ Based on an Old Structure with a New Component. <i>Crystal Growth and Design</i> , 2007 , 7, 603-605	3.5	41
223	A $\{Co_4 O_4\}$ Cubane Incorporated within a Polyoxoniobate Cluster. <i>Chemistry - A European Journal</i> , 2015 , 21, 8380-3	4.8	39

222	Ternary supramolecular system for photocatalytic oxidation with air by consecutive photo-induced electron transfer processes. <i>Journal of Catalysis</i> , 2019 , 376, 161-167	7.3	39
221	Two-Dimensional Polyoxoniobates Constructed from Lindqvist-Type Hexaniobates Functionalized by Mixed Ligands. <i>Crystal Growth and Design</i> , 2010 , 10, 3110-3119	3.5	38
220	Photoactive Metal-Organic Framework for the Reduction of Aryl Halides by the Synergistic Effect of Consecutive Photoinduced Electron-Transfer and Hydrogen-Atom-Transfer Processes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 2199-2206	9.5	38
219	A new Nb ₆ cluster based on tungstophosphate, [(Nb ₆ O ₄ (OH)) ₂ (NbPW ₁₀ O ₄₁) ₂]. <i>Inorganic Chemistry</i> , 2014 , 53, 9917-22	5.1	37
218	A crown-shaped 24-molybdate cluster constructed by organotriphosphonate ligand. <i>Inorganic Chemistry</i> , 2013 , 52, 8285-7	5.1	36
217	Polyoxoniobates as a superior Lewis base efficiently catalyzed Knoevenagel condensation. <i>Molecular Catalysis</i> , 2018 , 453, 93-99	3.3	36
216	A {Nb ₆ P ₂ W ₁₂ } ₂ -Based Hexameric Manganese Cluster with Single-Molecule Magnet Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 17683-90	4.8	34
215	Synthesis and magnetic properties of tartrate-bridging rare-earth-containing polytungstoarsenate aggregates from an adaptive precursor [As ₂ W ₁₉ O ₆₇ (H ₂ O)] ₂ (14-). <i>Dalton Transactions</i> , 2015 , 44, 733-8	4.3	34
214	Novel 1-D double-chain organic/inorganic hybrid polyoxotungstates constructed from dimeric copper(II)lanthanide heterometallic silicotungstate units. <i>CrystEngComm</i> , 2012 , 14, 7981	3.3	34
213	Novel hexanuclear copper(II)-substituted dimeric tungstogermanates. <i>CrystEngComm</i> , 2008 , 10, 972	3.3	34
212	Magnetoluminescent Bifunctional Dysprosium-Based Phosphotungstates with Synthesis and Correlations between Structures and Properties. <i>Crystal Growth and Design</i> , 2017 , 17, 1947-1956	3.5	33
211	Organophosphonate-Functionalized Lanthanopolyoxomolybdate: Synthesis, Characterization, Magnetism, Luminescence, and Catalysis of HO-Based Thioether Oxidation. <i>Inorganic Chemistry</i> , 2018 , 57, 1796-1805	5.1	33
210	Three Novel Inorganic/Organic Hybrid Arsenomolybdate Architectures Constructed from Monocapped Trivacant [AsIIIAsVMo ₉ O ₃₄] ₆ Fragments with [Cu(L) ₂] ₂ +Linkers: From Dimer to Two-Dimensional Framework. <i>Crystal Growth and Design</i> , 2011 , 11, 436-444	3.5	33
209	Nitrogen-Doped Carbon-Modified Cobalt-Nanoparticle-Catalyzed Oxidative Cleavage of Lignin EO-4 Model Compounds under Mild Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14188-14196	8.3	33
208	Generation of Large Polynuclear Rare Earth Metal-Containing Organic/Inorganic Polytungstoarsenate Aggregates. <i>Crystal Growth and Design</i> , 2015 , 15, 2057-2063	3.5	32
207	Polyoxotungstate incorporating organotriphosphonate ligands: synthesis, characterization, and catalytic for alkene epoxidation. <i>Inorganic Chemistry</i> , 2015 , 54, 406-8	5.1	32
206	The Polyoxovanadate-Based Carboxylate Derivative KH[VV(OH)O(OOC(CH ₃ COO)) ₂] ₂ H ₂ O: Synthesis, Crystal Structure, and Catalysis for Oxidation of Sulfides. <i>Inorganic Chemistry</i> , 2017 , 56, 14053-14059	5.1	31
205	Copper-Containing Polyoxometalate-Based Metal-Organic Frameworks as Highly Efficient Heterogeneous Catalysts toward Selective Oxidation of Alkylbenzenes. <i>Inorganic Chemistry</i> , 2019 , 58, 15832-15840	5.1	31

204	A Crown-Shaped Ru-Substituted Arsenotungstate for Selective Oxidation of Sulfides with Hydrogen Peroxide. <i>Chemistry - A European Journal</i> , 2018 , 24, 11059-11066	4.8	31
203	A highly selective fluorescent probe for the detection of palladium(II) ion in cells and aqueous media. <i>Mikrochimica Acta</i> , 2013 , 180, 211-217	5.8	30
202	One-pot syntheses, structures and properties of two novel 1-D copper complexes: [CuII(HbpdC)2Cl2]2·2H2O and CuI(H2bpdC)Cl (H2bpdC = 2,2'-bipyridyl-5,5'-dicarboxylic acid). <i>Inorganic Chemistry Communication</i> , 2010 , 13, 822-827	3.1	30
201	A bimetallic oxide FeMoO electrocatalyst with highly efficient hydrogen evolution reaction activity in alkaline and acidic media. <i>Chemical Science</i> , 2018 , 9, 5640-5645	9.4	30
200	Unprecedented {Fe14}/{Fe10} Polyoxotungstate-Based Nanoclusters with Efficient Photocatalytic H2 Evolution Activity: Synthesis, Structure, Magnetism, and Electrochemistry. <i>Chemistry - A European Journal</i> , 2016 , 22, 10983-9	4.8	29
199	Synthesis, crystal structure and photocatalytic properties of an unprecedented arsenic-disubstituted Lindqvist-type peroxopolyoxoniobate ion: {As2Nb4(O2)4O14H1.5}(4.5-). <i>Dalton Transactions</i> , 2014 , 43, 9843-6	4.3	29
198	Two new members of the niobium-substituted polytungstophosphate family based on hexalacunary [H2P2W12O48]12 building blocks. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 254-262	6.8	28
197	Ligand-directed conformation of inorganic-organic molecular capsule and cage. <i>Inorganic Chemistry</i> , 2014 , 53, 3048-53	5.1	28
196	Controllable assembly of multicarboxylic acids functionalized heteropolyoxomolybdates and allochroic properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4632-4639	7.1	27
195	A helical chain-like organic-inorganic hybrid arsenotungstate with color-tunable photoluminescence. <i>Dalton Transactions</i> , 2018 , 47, 1958-1965	4.3	27
194	Preparation, electrochemistry and crystal structure of a derivative of 18-tungstophosphate with Dawson structure: K16H[Yb(μ2-P2W17O61)2]·4H2O. <i>Journal of Molecular Structure</i> , 2004 , 692, 223-229	3.4	27
193	Organophosphonate-Bridged Polyoxometalate-Based Dysprosium(III) Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2017 , 56, 12687-12691	5.1	26
192	Synthesis, structure and magnetism of a 2-D organic/inorganic hybrid tetra-CoII-substituted sandwich-type Keggin germanotungstate: {[Co(dap)2(H2O)]2[Co(dap)2]2[Co4(Hdap)2(B-HGeW9O34)2]}·7H2O. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1052-1056	3.1	26
191	Controlled assembly of inorganic-organic frameworks based on [SeMo6O21]4- polyanion. <i>Inorganic Chemistry</i> , 2013 , 52, 14034-9	5.1	25
190	Two novel trivacant Keggin-type polytungstates supported manganese carbonyl derivatives synthesized by degradation of metastable [XW10O36]8- (X = Ge(IV), Si(IV)). <i>Dalton Transactions</i> , 2012 , 41, 5832-7	4.3	25
189	Assembly of Dimeric and Tetrameric Complexes of Polyoxomolybdo-bisphosphonates Built from [(Mo3O8){O3PC(O)(CH2-3-C5NH5)PO3}]2 Subunits. <i>Crystal Growth and Design</i> , 2013 , 13, 2540-2547	3.5	25
188	Novel octatungstate-supported tricarbonyl metal derivatives: {[H2W8O30][M(CO)3]2}8- (M = Mn(I) and Re(I)). <i>Dalton Transactions</i> , 2011 , 40, 8298-300	4.3	24
187	Isopentatungstate-supported metal carbonyl derivative: synthesis, characterization, and catalytic properties for alkene epoxidation. <i>Dalton Transactions</i> , 2016 , 45, 6726-31	4.3	23

- 186 Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides Catalyzed by a Keggin-Type Polyoxometalate-Supported Rhenium Carbonyl Derivate in Ionic Liquid. *ChemCatChem*, **2014**, 6, 3096-3100 5.3 23
- 185 A Monomeric Tricobalt(II)-Substituted Dawson-Type Polyoxometalate Decorated by a Metal Carbonyl Group: [PWCo(HO)(OH)Mn(CO)]. *Inorganic Chemistry*, **2017**, 56, 10131-10134 5.1 23
- 184 Aerobic oxidative cleavage of 1,2-diols catalyzed by atomic-scale cobalt-based heterogeneous catalyst. *Communications Chemistry*, **2019**, 2, 6.3 23
- 183 Elucidating white light emissions in Tm/Dy codoped polyoxometalates: a color tuning and energy transfer mechanism study. *Dalton Transactions*, **2018**, 47, 13949-13956 4.3 23
- 182 Discovery of Heteropolytantalate: Synthesis and Structure of Two 6-Peroxoantato-4-phosphate Clusters. *Inorganic Chemistry*, **2017**, 56, 5537-5543 5.1 22
- 181 An unprecedented trimer based on monovacant Dawson anion: [(μ -P₂W₁₇O₆₁)Ln(H₂O)₄]₃[Ln = La^{III}, Ce^{III} and Pr^{III}]. *CrystEngComm*, **2013**, 15, 2992 3.3 21
- 180 Facile CO Cycloaddition to Epoxides by Using a Tetracarbonyl Metal Selenotungstate Derivate [{Mn(CO)}₄(SeWO)]. *Inorganic Chemistry*, **2018**, 57, 14632-14643 5.1 21
- 179 From a versatile arsenotungstate precursor to a large lanthanide-containing polyoxometalate-carboxylate hybrid. *CrystEngComm*, **2014**, 16, 10746-10749 3.3 20
- 178 Two 3d⁰f heterometallic monovacant Keggin phosphotungstate derivatives. *Journal of Coordination Chemistry*, **2011**, 64, 400-412 1.6 20
- 177 A multi-component polyoxometalate and its catalytic performance for CO₂ cycloaddition reactions. *Dalton Transactions*, **2015**, 44, 10152-5 4.3 19
- 176 A high-nuclearity isopolyoxotungstate based manganese cluster: one-pot synthesis and step-by-step assembly. *Chemical Communications*, **2018**, 54, 5458-5461 5.8 19
- 175 A Novel Organic-Inorganic Hybrid Based on Tungstoantimonate: Synthesis, Crystal Structure, and Properties of Na[{Cu(2,2'-bpy)(H₂O)}₂{Cu(2,2'-bpy)}₂(B-AsW₉O₃₃)] \cdot 2H₂O. *Chemistry Letters*, **2006**, 35, 994-995 1.7 19
- 174 Synthesis and Characterization of a Crown-Shaped 36-Molybdate Cluster and Application in Catalyzing Knoevenagel Condensation. *Inorganic Chemistry*, **2020**, 59, 10665-10672 5.1 19
- 173 Grafting transition metal-organophosphonate fragments onto heteropolyoxomolybdate: activity in photocatalysis. *Dalton Transactions*, **2015**, 44, 17544-50 4.3 18
- 172 An isotetramolybdate-supported rhenium carbonyl derivative: synthesis, characterization, and use as a catalyst for sulfoxidation. *Dalton Transactions*, **2018**, 47, 5279-5285 4.3 18
- 171 Assembly of TeO₄ Ions Embedded in an Nb/O Cage with Selective Decolorization of Organic Dye. *Inorganic Chemistry*, **2017**, 56, 10119-10122 5.1 18
- 170 Synthesis, structure and magnetism of a S-shaped multi-iron substituted arsenotungstate containing a trivacant Keggin [B-AsVW₉O₃₄]⁹⁻ and a hexavacant Keggin [AsVW₆O₂₆]¹¹⁻ fragments. *Journal of Solid State Chemistry*, **2011**, 184, 2756-2761 3.3 18
- 169 Novel Tungstovanadate Wells-Dawson Organic-Inorganic Heteropolyoxometalate Compound: Synthesis and Crystal Structure of [Cu₂(2,2'-bipy)₂(Inic)₂(H₂O)₂][Y(Inic)₂(H₂O)₅]₃[V₂W₁₈O₆₂]₃·5H₂O (Where 2,2'-bipy = 2,2'-Bipyridine, Inic = Picolinic Acid). *Crystal Growth and Design*, **2008**, 8, 372-374 3.5 18

168	An {As Cu [Cu(H O)] } Cluster Incorporated within Four [Nb O] Units. <i>Chemistry - A European Journal</i> , 2017 , 23, 16957-16960	4.8	17
167	A novel transition-metal-linked hexaniobate cluster with photocatalytic H ₂ evolution activity. <i>Inorganic Chemistry Communication</i> , 2015 , 54, 19-20	3.1	17
166	Organic-inorganic hybrid rare earth complexes based on polymolybdates with intrinsic photosensitive properties. <i>Dalton Transactions</i> , 2015 , 44, 4679-82	4.3	17
165	An organic chromophore -modified samarium-containing polyoxometalate: excitation-dependent color tunable behavior from the organic chromophores to the lanthanide ion. <i>Dalton Transactions</i> , 2020 , 49, 388-394	4.3	17
164	A Ni-containing decaniobate incorporating organic ligands: synthesis, structure, and catalysis for allylic alcohol epoxidation. <i>RSC Advances</i> , 2017 , 7, 28696-28701	3.7	16
163	Polyoxotungstate incorporating organotriphosphonate ligands and lanthanide ions: syntheses, characterization, magnetism and photoluminescence properties. <i>Dalton Transactions</i> , 2017 , 46, 5856-5863	4.3	16
162	Assembly of Lanthanide-Containing Polyoxotantalate Clusters with Efficient Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 13030-13036	5.1	16
161	A binuclear copper-substituted phosphomolybdate with reactive oxygen species catalytic ability and antimicrobial activity. <i>CrystEngComm</i> , 2019 , 21, 394-398	3.3	16
160	Octamolybdate-supported tricarbonyl metal derivatives: [{H ₂ Mo ₈ O ₃₀ }{M(CO) ₃ }] ₂ ·8- (M = Mn(I) and Re(I)). <i>Dalton Transactions</i> , 2013 , 42, 2696-9	4.3	16
159	A Series of 3D Rare-Earth-Metal/Organic Frameworks with Isolated Guest Keggin Silicotungstate Fragments as Anion Templates. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5397-5404	2.3	16
158	Ligand-controlled formation of covalently modified antimoniomolybdates and their photochromic properties. <i>CrystEngComm</i> , 2017 , 19, 207-213	3.3	15
157	Efficient Olefins Epoxidation on Ultrafine H ₂ O ₂ /WO _x Nanoparticles with Spectroscopic Evidence of Intermediate Species. <i>ACS Catalysis</i> , 2019 , 9, 7641-7650	13.1	15
156	A PHBA-functionalized organic-inorganic hybrid polyoxometalate as a luminescent probe for selectively sensing chromium and calcium in aqueous solution. <i>Dyes and Pigments</i> , 2019 , 171, 107696	4.6	15
155	Self assembly of carboxylate/alcoholate functionalized ring-shape phosphomolybdates. <i>CrystEngComm</i> , 2014 , 16, 8041-8046	3.3	15
154	Beat over the old ground with new strategy: engineering As ^{III} As interaction in arsenite-based Dawson cluster [W ₁₈ O ₅₄ (AsO ₃) ₂] ⁶⁻ . <i>Inorganic Chemistry</i> , 2014 , 53, 2006-11	5.1	15
153	A novel diniobium-inserted sandwich-type polyoxometalate K ₆ H ₃ [Nb ₂ K(H ₂ O) ₄ (A-[SiW ₉ O ₃₄) ₂] ₂ ·3H ₂ O constructed from two trivacant Keggin [A-[SiW ₉ O ₃₄] ₁₀] moieties linked via a V-shaped {Nb ₂ K} group. <i>Inorganic Chemistry Communication</i> , 2014 , 17, 5570	3.1	15
152	Combination between [B-[SiW ₉ O ₃₄]] unit and triangular inorganic Ni ₆ core under hydrothermal conditions: from monomer to rare dimer with malposed dodeca-nickel centers. <i>Dalton Transactions</i> , 2013 , 42, 364-7	4.3	15
151	Two Novel Heteropolyniobates Using TeO as Template and Linker. <i>Inorganic Chemistry</i> , 2019 , 58, 27-30	5.1	15

- 150 A Polyoxometalate-Based Inorganic Porous Material with both Proton and Electron Conductivity by Light Actuation: Photocatalysis for Baeyer-Villiger Oxidation and Cr(VI) Reduction. *Inorganic Chemistry*, **2021**, 60, 682-691 5.1 15
- 149 A Novel Tetrameric Polyoxotantalate Aggregate: {CoTa} Featuring a High-Nuclearity Co Cluster. *Inorganic Chemistry*, **2018**, 57, 12471-12474 5.1 15
- 148 Insight into the reactivity of in situ formed {(NbO)SiW}: synthesis, structure, and solution properties of a trimeric polytungstosilicate trapping a {MnNb} core. *Dalton Transactions*, **2016**, 45, 15236-15241 4.3 14
- 147 A new organic-inorganic hybrid tetrameric polyoxometalate assembled by monovacant Dawson [α -P₂W₁₇O₆₁]₁₀ and trivalent cerium cations. *Inorganic Chemistry Communication*, **2016**, 67, 103-106 3.1 14
- 146 The first two-dimensional organic/inorganic hybrid constructed by oxalate-bridging scandium-substituted Keggin-type silicotungstate and [Cu(en)₂]²⁺ coordination cations. *Inorganic Chemistry Communication*, **2012**, 20, 191-195 3.1 14
- 145 2-D and 3-D organic/inorganic hybrid lanthanide molybdates linking by pyridine-2,5-dicarboxylate. *CrystEngComm*, **2012**, 14, 8677 3.3 14
- 144 A Series of Arsenotungstates Based on the [HAs₂W₈O₃₁]⁷⁻ Building Block: Syntheses by Control of the Reaction Process. *Crystal Growth and Design*, **2013**, 13, 2982-2989 3.5 14
- 143 Synthesis and crystal structure of a 1D chain polyoxometalate-based complex {[Cu(en)₂(H₂O)]₂{GeW₁₂O₄₀[CuII(en)₂]} · 2.5H₂O} · n. *Journal of Coordination Chemistry*, **2009**, 62, 1895-1901 1.6 14
- 142 Bioinspired aerobic oxidation of alcohols with a bifunctional ligand based on bipyridine and TEMPO. *RSC Advances*, **2016**, 6, 35008-35013 3.7 14
- 141 Discovery and isolation of the trans-isomers of two 1 : 2-type lanthanide-containing monolacunary Dawson-type tungstophosphates: [Ln(β -PWO)] (Ln = La, Ce). *Dalton Transactions*, **2017**, 46, 5398-5405 4.3 13
- 140 Polyoxometalate-supported metal carbonyl derivatives: from synthetic strategies to structural diversity and applications. *Inorganic Chemistry Frontiers*, **2019**, 6, 3041-3056 6.8 13
- 139 Utilizing the adaptive precursor [AsWO(HO)] to support three hexanuclear lanthanoid-based tungstoarsenate dimers. *Dalton Transactions*, **2019**, 48, 2813-2821 4.3 13
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13	Synthesis, crystal structure and properties of a novel 1D chain organic/inorganic rare earth coordination polymer: Gd _{0.5} H _{0.5} {[Gd(H ₂ O) ₆] [Gd(H ₂ O) ₂ (DMSO)] [SiW ₁₁ O ₃₉]}·7H ₂ O. <i>Journal of Coordination Chemistry</i> , 2006 , 59, 1565-1573	1.6	1
12	Assembly of a Hexameric Cluster of Polyoxomolybdotriphosphonate Built from [Zn(HO){TeMoO}{N(CHPO)}] Subunits and Its Optical and Catalytic Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 15759-15767	5.1	1
11	An unprecedented {[FeO(OH)(OAc)}{WO(OH)}] cluster sandwiched in the tetravacant tungstophosphate. <i>Dalton Transactions</i> , 2019 , 48, 16857-16860	4.3	1
10	Synthesis, structures and stability of three V-substituted polyoxoniobate clusters based on [TeNbO] units. <i>Dalton Transactions</i> , 2021 , 50, 7610-7620	4.3	1
9	Ru(III) -based polyoxometalate tetramers as highly efficient heterogeneous catalysts for alcohol oxidation reactions at room temperature. <i>Dalton Transactions</i> , 2021 , 50, 12664-12673	4.3	1
8	Lacunary {SeV} Heteropolyoxovanadate Precursor with Monometal, Metal-Richer-Sandwiched Derivatives {SeVM} and {SeVM}: Correlations between the Synthesis, Structure, and Catalytic Property. <i>Inorganic Chemistry</i> , 2021 , 60, 2888-2892	5.1	1
7	Organophosphonate-Functionalized Telluromolybdate Containing a [TeMoO] Building Block and Its Catalytic Efficiency for Knoevenagel Condensation. <i>Inorganic Chemistry</i> , 2021 , 60, 14872-14879	5.1	1

6	Ultrafine CoWC as an efficient anode catalyst for direct hydrazine fuel cells. <i>Chemical Communications</i> , 2021 , 57, 10415-10418	5.8	1
5	A Nonclassical Polyoxoanion [P ₃ W ₆ (O ₂) ₆ (OH) ₂ O ₂₂] ⁷⁻ Constructed by Two {PW ₃ (O ₂) ₃ (OH)O ₉ } Subunits and a {PO ₄ } Group. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 523-528	2.3	0
4	A Novel Sodium Germanomolybdate Constructed from [H ₂ Ge ₂ Mo ₆ O ₂₆] ⁶⁻ Polyoxoanions and [Na ₆ (H ₂ O) ₁₂] ⁶⁺ Clusters. <i>Chemistry Letters</i> , 2012 , 41, 847-849	1.7	0
3	A new organic-inorganic composite sandwich-type phosphotungstate: Synthesis, crystal structure and properties of [Ni(phen) ₃] ₂ H ₆ [Ni ₄ (H ₂ O) ₂ (B-PW ₉ O ₃₄) ₂] ₄ H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 1075-1079	1.5	
2	Synthesis and characterization of an octanuclear nickel(II) polyoxometalate cluster. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 2383-2390	1.6	
1	Defect-Rich Core-Shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines. <i>ChemistrySelect</i> , 2021 , 6, 5961-5966	1.8	