

# Jingyang Niu

## List of Publications by Year in Descending Order

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257  
papers

5,395  
citations

38  
h-index

58  
g-index

272  
ext. papers

6,327  
ext. citations

4.3  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
257	Synergistic Effect of Nickel Oxyhydroxide and Tungsten Carbide in Electrocatalytic Alcohol Oxidation. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 959-969	9.6	2
256	Copper-Containing Polyoxometalate-Based Metal-Organic Framework as a Catalyst for the Oxidation of Silanes: Effective Cooperative Catalysis by Metal Sites and POM Precursor.. <i>Inorganic Chemistry</i> , <b>2022</b> , 61, 4056-4061	5.1	2
255	Enhanced Electrochemical O <sub>2</sub> -to-H <sub>2</sub> O Synthesis Via Cu-Pb Synergistic Interplay.. <i>Small</i> , <b>2022</b> , 18, e21065341	4.1	2
254	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> , <b>2021</b> , 60, 15759-15767	5.1	1
253	A Copper-Containing Polyoxometalate-Based Metal-Organic Framework as an Efficient Catalyst for Selective Catalytic Oxidation of Alkylbenzenes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 4792-4799	5.1	10
252	Polyoxometalate-Incorporated Framework as a Heterogeneous Catalyst for Selective Oxidation of C-H Bonds of Alkylbenzenes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 7753-7761	5.1	6
251	Multinuclear Lanthanide-Implanted Tetrameric Dawson-Type Phosphotungstates with Switchable Luminescence Behaviors Induced by Fast Photochromism. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8164-8172	5.1	6
250	Defect-Rich Core-Shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5961-5966	1.8	
249	Polyoxomolybdates as efficient catalysts for Knoevenagel condensation reaction of benzaldehyde and ethyl cyanoacetate under mild condition. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 4654-4665	4.3	5
248	A Polyoxometalate-Based Inorganic Porous Material with both Proton and Electron Conductivity by Light Actuation: Photocatalysis for Baeyer-Villiger Oxidation and Cr(VI) Reduction. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 682-691	5.1	15
247	Synthesis, structures and stability of three V-substituted polyoxoniobate clusters based on [TeNbO] units. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7610-7620	4.3	1
246	A Rh-substituted polyoxometalate with an acetate-modified building block {AsWO(CHCOO)}. <i>Chemical Communications</i> , <b>2021</b> , 57, 10250-10253	5.8	3
245	Ru(III) -based polyoxometalate tetramers as highly efficient heterogeneous catalysts for alcohol oxidation reactions at room temperature. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12664-12673	4.3	1
244	A large copper-niobate cluster with the pagoda-shaped subunit {NbO}. <i>Chemical Communications</i> , <b>2021</b> , 57, 3999-4002	5.8	2
243	Recent advances in rare earth co-doped luminescent tungsten oxygen complexes. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 4158-4176	6.8	5
242	Synthesis, structure and catalytic study of a new sandwiched-type vanadoselenite. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 124, 108407	3.1	2
241	Underappreciated Role of Low-Energy Facets in Nitrogen Electroreduction <b>2021</b> , 3, 327-330		3

240	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> , <b>2021</b> , 60, 2888-2892	5.1	1
239	A 3D Silverton-Type Polyoxomolybdate Based on {PrMoO}: Synthesis, Structure, Photoluminescence and Magnetic Properties. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 615595	5	2
238	Organophosphonate-Functionalized Telluromolybdate Containing a [TeMoO] Building Block and Its Catalytic Efficiency for Knoevenagel Condensation. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14872-14879	5.1	1
237	Discovery of two Na-centered Silverton-type polyoxometalates {NaMO} (M = Mo, W). <i>Chemical Communications</i> , <b>2021</b> , 57, 2172-2175	5.8	6
236	Ultrafine CoWC as an efficient anode catalyst for direct hydrazine fuel cells. <i>Chemical Communications</i> , <b>2021</b> , 57, 10415-10418	5.8	1
235	Regulating the catalytic activity of multi-Ru-bridged polyoxometalates based on differential active site environments with six-coordinate geometry and five-coordinate geometry transitions. <i>Nanoscale</i> , <b>2021</b> , 13, 8077-8086	7.7	5
234	Selenotungstates incorporating organophosphonate ligands and metal ions: synthesis, characterization, magnetism and catalytic efficiency in the Knoevenagel condensation reaction. <i>Dalton Transactions</i> , <b>2020</b> , 49, 7420-7425	4.3	6
233	36-Nuclearity Organophosphonate-Functionalized Polyoxomolybdates: Synthesis, Characterization and Selective Catalytic Oxidation of Sulfides. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14896-14902	4.8	6
232	Sandwich-Type Heteropolyniobate Templated by Mixed Heteroanions. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7895-7899	5.1	11
231	Oxyfunctionalization of Alkanes Based on a Tricobalt(II)-Substituted Dawson-Type Rhenium Carbonyl Derivative as Catalyst. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8690-8698	5.1	7
230	Unraveling the Effects of Cobalt on Crystal Growth and Solution Behavior of NbPW-based Dimeric Clusters. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6747-6754	5.1	5
229	Discovery of the selenotantalate building block and its lanthanide derivatives: design, synthesis, and RhB decolorization properties. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4078-4083	4.3	2
228	A Lacunary Polyoxovanadate Precursor and Transition-Metal-Sandwiched Derivatives for Catalytic Oxidation of Sulfides. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8760-8766	4.8	13
227	A 1D Helical Chain Heteropolyniobate Templated by AsO. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1967-1972	5.1	9
226	Trinuclear ruthenium core-containing polyoxometalate-based hybrids: preparation, characterization and catalytic behavior. <i>Dalton Transactions</i> , <b>2020</b> , 49, 2895-2904	4.3	9
225	An organic chromophore -modified samarium-containing polyoxometalate: excitation-dependent color tunable behavior from the organic chromophores to the lanthanide ion. <i>Dalton Transactions</i> , <b>2020</b> , 49, 388-394	4.3	17
224	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 &amp; Interfaces</i> , <b>2020</b> , 12, 2199-2206	9.5	38
223	Versatile {CpTi} Grafted Hetero-Polyoxotungstate Clusters: Synthesis, Crystal Structure, and Photocurrent Properties. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1125-1136	5.1	8

- 222 H-shaped oxalate-bridging lanthanoid-incorporated arsenotungstates. *Dalton Transactions*, **2020**, 49, 15731-15738 4.3 3
- 221 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
- 220 Synthesis and characterization of an octanuclear nickel(II) polyoxometalate cluster. *Journal of Coordination Chemistry*, **2020**, 73, 2383-2390 1.6
- 219 A silver-substituted phosphomolybdate prevents the growth of bacteria without affecting the balance of reactive oxygen species. *CrystEngComm*, **2020**, 22, 7832-7837 3.3 12
- 218 Synthesis and Mechanism Studies of a High-Nuclear MnW Cluster. *Inorganic Chemistry*, **2020**, 59, 13733-13740 3.7 4
- 217 A large molecular cluster with high proton release capacity. *Chemical Communications*, **2020**, 56, 12849-12852 3 3
- 216 Magnetic field and dilution effects on the slow relaxation of {Er} triangle-based arsenotungstate single-molecule magnets. *Dalton Transactions*, **2020**, 49, 12458-12465 4.3 5
- 215 Luminescent dimeric polyoxotungstate [Ho(C<sub>4</sub>H<sub>2</sub>O<sub>6</sub>)(PW<sub>11</sub>O<sub>39</sub>)]<sub>2</sub> with magnetism and reversible photochromism. *Journal of Luminescence*, **2020**, 217, 116760 3.8 9
- 214 Polyoxometalate-supported metal carbonyl derivatives: from synthetic strategies to structural diversity and applications. *Inorganic Chemistry Frontiers*, **2019**, 6, 3041-3056 6.8 13
- 213 Assembly of Lanthanide-Containing Polyoxotantalate Clusters with Efficient Photoluminescence Properties. *Inorganic Chemistry*, **2019**, 58, 13030-13036 5.1 16
- 212 Selectivity-tunable amine aerobic oxidation catalysed by metal-free N,O-doped carbons. *Chemical Communications*, **2019**, 55, 12251-12254 5.8 5
- 211 Synthesis, characterization and catalytic epoxidation properties of a new tellurotungstate(iv)-supported rhenium carbonyl derivative. *Dalton Transactions*, **2019**, 48, 628-634 4.3 12
- 210 Effect of Mo Species on the Selective Oxidation of n-Butane to Maleic Anhydride over Mo-Promoted VPP. *ChemistrySelect*, **2019**, 4, 662-669 1.8 3
- 209 Shape-control of CeF nanocrystals by doping polyoxometalates: syntheses, characterization and tunable photoluminescence. *Chemical Communications*, **2019**, 55, 1619-1622 5.8 4
- 208 Well-tuned white-light-emitting behaviours in multicenter-Ln polyoxometalate derivatives: A photoluminescence property and energy transfer pathway study. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 223, 117294 4.4 11
- 207 Preparation, characterization and electrocatalysis performance of a trimeric ruthenium-substituted isopolytungstate. *Dalton Transactions*, **2019**, 48, 10327-10336 4.3 6
- 206 Recent advances in transition-metal-containing Keggin-type polyoxometalate-based coordination polymers. *Coordination Chemistry Reviews*, **2019**, 392, 49-80 23.2 91
- 205 Cobalt- and Nickel-Containing Germanotungstates Based on Open Wells-Dawson Structure: Synthesis and Characterization of Tetrameric Anion. *Inorganic Chemistry*, **2019**, 58, 6000-6007 5.1 5

204	Ln(III)-Containing polyoxomolybdates based on $[Mo_8O_{28}]$ : microwave synthesis and optical and magnetic properties. <i>CrystEngComm</i> , <b>2019</b> , 21, 3627-3633	3-3	3
203	A Stable Polyoxometalate-Based Metal-Organic Framework as Highly Efficient Heterogeneous Catalyst for Oxidation of Alcohols. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4945-4953	5-1	42
202	Utilizing the adaptive precursor $[AsWO(HO)]$ to support three hexanuclear lanthanoid-based tungstoarsenate dimers. <i>Dalton Transactions</i> , <b>2019</b> , 48, 2813-2821	4-3	13
201	A Nonclassical Polyoxoanion $[P_3W_6(O_2)_6(OH)_2O_{22}]^{7-}$ Constructed by Two $\{PW_3(O_2)_3(OH)_3O_9\}$ Subunits and a $\{PO_4\}$ Group. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 523-528	2-3	0
200	A novel peroxopolyoxoniobate incorporating mixed heteroatoms: $[PSeNb(O)O]$ . <i>Dalton Transactions</i> , <b>2019</b> , 48, 13135-13138	4-3	5
199	Pyrazine dicarboxylate-bridged arsenotungstate: synthesis, characterization, and catalytic activities in epoxidation of olefins and oxidation of alcohols. <i>Dalton Transactions</i> , <b>2019</b> , 48, 12956-12963	4-3	11
198	Synthesis, characterization, and photoluminescence properties of three two-dimensional lanthanide-containing Dawson-type polyoxometalates. <i>Dalton Transactions</i> , <b>2019</b> , 48, 13850-13857	4-3	11
197	Ternary supramolecular system for photocatalytic oxidation with air by consecutive photo-induced electron transfer processes. <i>Journal of Catalysis</i> , <b>2019</b> , 376, 161-167	7-3	39
196	Efficient Olefins Epoxidation on Ultrafine $H_2O/WO_x$ Nanoparticles with Spectroscopic Evidence of Intermediate Species. <i>ACS Catalysis</i> , <b>2019</b> , 9, 7641-7650	13-1	15
195	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> , <b>2019</b> , 171, 107696	4-6	15
194	A binuclear copper-substituted phosphomolybdate with reactive oxygen species catalytic ability and antimicrobial activity. <i>CrystEngComm</i> , <b>2019</b> , 21, 394-398	3-3	16
193	Copper-Containing Polyoxometalate-Based Metal-Organic Frameworks as Highly Efficient Heterogeneous Catalysts toward Selective Oxidation of Alkylbenzenes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15832-15840	5-1	31
192	Aerobic oxidative cleavage of 1,2-diols catalyzed by atomic-scale cobalt-based heterogeneous catalyst. <i>Communications Chemistry</i> , <b>2019</b> , 2,	6-3	23
191	A new phosphotungstate-supported rhenium carbonyl derivative: synthesis, characterization and catalytic selective oxidation of thiophenes. <i>CrystEngComm</i> , <b>2019</b> , 21, 7322-7328	3-3	3
190	An unprecedented $[FeO(OH)(OAc)]\{WO(OH)\}$ cluster sandwiched in the tetravacant tungstophosphate. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16857-16860	4-3	1
189	Two synthetic routes generate two isopolyoxoniobates based on $\{Nb\}$ and $\{Nb\}$ . <i>Dalton Transactions</i> , <b>2019</b> , 48, 17709-17712	4-3	7
188	Polyoxotungstate Cluster Species Connected by Glutamic Acid and Europium. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 57-60	5-1	9
187	Two Novel Heteropolyniobates Using $TeO$ as Template and Linker. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 27-30	5-1	15

- 186 Assembly of two hybrid organic-inorganic hexatantalate. *Inorganic Chemistry Communication*, **2019**, 101, 6-10 3.1 7
- 185 Carboxylate covalently modified polyoxometalates: From synthesis, structural diversity to applications. *Coordination Chemistry Reviews*, **2019**, 378, 281-309 23.2 137
- 184 An isotetramolybdate-supported rhenium carbonyl derivative: synthesis, characterization, and use as a catalyst for sulfoxidation. *Dalton Transactions*, **2018**, 47, 5279-5285 4.3 18
- 183 Cu-Catalyzed Aerobic Oxidation of Alcohols with a Multi-Functional NMI-TEMPO. *ChemistrySelect*, **2018**, 3, 3386-3390 1.8 5
- 182 Immobilization of carbonyl rhenium tripods on the surface of a trinickel-substituted Dawson-type polyoxotungstate. *Dalton Transactions*, **2018**, 47, 6288-6292 4.3 8
- 181 A helical chain-like organic-inorganic hybrid arsenotungstate with color-tunable photoluminescence. *Dalton Transactions*, **2018**, 47, 1958-1965 4.3 27
- 180 Organophosphonate-Functionalized Lanthanopolyoxomolybdate: Synthesis, Characterization, Magnetism, Luminescence, and Catalysis of HO-Based Thioether Oxidation. *Inorganic Chemistry*, **2018**, 57, 1796-1805 5.1 33
- 179 A series of organic-inorganic hybrid silicotungstate microtubes: Tunable syntheses and spectroscopic properties. *Materials Chemistry and Physics*, **2018**, 207, 186-193 4.4 5
- 178 A high-nuclearity isopolyoxotungstate based manganese cluster: one-pot synthesis and step-by-step assembly. *Chemical Communications*, **2018**, 54, 5458-5461 5.8 19
- 177 Synthesis, characterization and catalytic oxidation of organosilanes with a novel multilayer polyoxomolybdate containing mixed-valence antimony. *Molecular Catalysis*, **2018**, 452, 167-174 3.3 7
- 176 A new dimeric polyoxometalate derivate assembled by divacant Dawson {P2W16} units and isosceles triangle {Ce3} cluster. *Inorganic Chemistry Communication*, **2018**, 95, 154-157 3.1 7
- 175 Synthesis and spectroscopic properties of silver-fluorescein co-doped phosphotungstate hollow spheres. *Dalton Transactions*, **2018**, 47, 7730-7738 4.3 5
- 174 Construction of a new binding manner in carboxylic acid-functionalized phosphomolybdates. *Dalton Transactions*, **2018**, 47, 7949-7955 4.3 5
- 173 Polyoxotungstates incorporated organophosphonate and nickel: synthesis, characterization and efficient catalysis for epoxidation of allylic alcohols. *Dalton Transactions*, **2018**, 47, 13479-13486 4.3 6
- 172 A Novel Ruthenium-Decorating Polyoxomolybdate  $\text{CsNaH}[\text{MoRuD}(\text{OH})_{12}\text{O}_{44}]_{24}\text{H}_2\text{O}$ : An Active Heterogeneous Oxidation Catalyst for Alcohols. *Materials*, **2018**, 11, 3.5 8
- 171 Preparation, characterization, and catalytic performances of a pyrazine dicarboxylate-bridging rare-earth-containing polytungstoarsenate aggregate for selective oxidation of thiophenes and deep desulfurization of model fuels. *Dalton Transactions*, **2018**, 47, 9677-9684 4.3 13
- 170 Enhanced Photostability Luminescent Properties of Er-Doped Near-White-Emitting Dy Er-POM Derivatives. *Inorganic Chemistry*, **2018**, 57, 7665-7675 5.1 48
- 169 Organometallic functionalized non-classical polyoxometalates: synthesis, characterization and electrochemical properties. *Dalton Transactions*, **2018**, 47, 9317-9323 4.3 8



168	Photochromic behavior of a new polyoxomolybdate/alkylamine composite in solid state. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 3078-3086	4.3	8
167	Facile CO Cycloaddition to Epoxides by Using a Tetracarbonyl Metal Selenotungstate Derivate $[\text{Mn}(\text{CO})_4(\text{SeWO})]$ . <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14632-14643	5.1	21
166	A Novel Tetrameric Polyoxotantalate Aggregate: $\{\text{CoTa}_4\}$ Featuring a High-Nuclearity Co Cluster. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12471-12474	5.1	15
165	Polyoxovanadate catalysts for oxidation of 1-phenyl ethanol: from the discrete $[\text{V}_4\text{O}_{12}]^{4-}$ and $[\text{V}_{10}\text{O}_{28}]^{6-}$ anions to the anionic $[\text{V}_6\text{O}_{17}]^{3-}$ coordination polymer. <i>CrystEngComm</i> , <b>2018</b> , 20, 6273-6279	3.3	9
164	Nitrogen-Doped Carbon-Modified Cobalt-Nanoparticle-Catalyzed Oxidative Cleavage of Lignin ED-4 Model Compounds under Mild Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 14188-14196	8.3	33
163	Elucidating white light emissions in Tm/Dy codoped polyoxometalates: a color tuning and energy transfer mechanism study. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13949-13956	4.3	23
162	A comprehensive approach providing a new synthetic route for bimetallic electrocatalysts via isoPOMs $[\text{M}/\text{Rh}(\text{Cp}^*)\text{WO}]$ (M = Rh (1) and Ir (2)). <i>Dalton Transactions</i> , <b>2018</b> , 47, 13870-13879	4.3	2
161	A bimetallic oxide $\text{FeMoO}$ electrocatalyst with highly efficient hydrogen evolution reaction activity in alkaline and acidic media. <i>Chemical Science</i> , <b>2018</b> , 9, 5640-5645	9.4	30
160	Synthesis and characterization of a Sb(v)-containing polyoxomolybdate serving as a catalyst for sulfoxidation. <i>Dalton Transactions</i> , <b>2018</b> , 47, 8070-8077	4.3	11
159	Polyoxoniobates as a superior Lewis base efficiently catalyzed Knoevenagel condensation. <i>Molecular Catalysis</i> , <b>2018</b> , 453, 93-99	3.3	36
158	A Crown-Shaped Ru-Substituted Arsenotungstate for Selective Oxidation of Sulfides with Hydrogen Peroxide. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11059-11066	4.8	31
157	Two Magnetic 2D Inorganic/Organic Hybrid Framework Materials Constructed by Phosphotungstates. <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 1761-1771	3	1
156	Magnetoluminescent Bifunctional Dysprosium-Based Phosphotungstates with Synthesis and Correlations between Structures and Properties. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 1947-1956	3.5	33
155	A luminescent polyoxoniobate lanthanide derivative $\{\text{Eu}(\text{HO})[\text{NbO}(\text{HO})]\}$ . <i>Chemical Communications</i> , <b>2017</b> , 53, 3709-3712	5.8	41
154	Assembly of niobium-phosphate cluster and in situ transition-metal-containing derivatives. <i>CrystEngComm</i> , <b>2017</b> , 19, 2768-2774	3.3	10
153	Discovery of Heteropolytantalate: Synthesis and Structure of Two 6-Peroxoantalo-4-phosphate Clusters. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5537-5543	5.1	22
152	Polyoxomolybdates functionalized by a flexible carboxylic acid and their photochromic properties. <i>Journal of Physics and Chemistry of Solids</i> , <b>2017</b> , 110, 161-166	3.9	4
151	A Ni-containing decaniobate incorporating organic ligands: synthesis, structure, and catalysis for allylic alcohol epoxidation. <i>RSC Advances</i> , <b>2017</b> , 7, 28696-28701	3.7	16

- 150 Discovery and isolation of the trans-isomers of two 1 : 2-type lanthanide-containing monolacunary Dawson-type tungstophosphates: [Ln( $\beta$ WO)] (Ln = La, Ce). *Dalton Transactions*, **2017**, 46, 5398-5405 4.3 13
- 149 Polyoxotungstate incorporating organotriphosphonate ligands and lanthanide ions: syntheses, characterization, magnetism and photoluminescence properties. *Dalton Transactions*, **2017**, 46, 5856-5863 4.3 16
- 148 {FeNb} cluster based on an Fe-centred Keggin unit. *Dalton Transactions*, **2017**, 46, 1368-1371 4.3 12
- 147 Four transition-metal-bridging risedronate-based polyoxomolybdates: Syntheses, structures, characterizations and magnetic properties. *Synthetic Metals*, **2017**, 223, 19-25 3.6 8
- 146 Ligand-controlled formation of covalently modified antimoniomolybdates and their photochromic properties. *CrystEngComm*, **2017**, 19, 207-213 3.3 15
- 145 An {As Cu [Cu(H O)] } Cluster Incorporated within Four [Nb O ] Units. *Chemistry - A European Journal*, **2017**, 23, 16957-16960 4.8 17
- 144 The Polyoxovanadate-Based Carboxylate Derivative KH[VV(OH)O(OOC(CH)COO)] $\cdot$ hHO: Synthesis, Crystal Structure, and Catalysis for Oxidation of Sulfides. *Inorganic Chemistry*, **2017**, 56, 14053-14059 5.1 31
- 143 Organophosphonate-Bridged Polyoxometalate-Based Dysprosium(III) Single-Molecule Magnet. *Inorganic Chemistry*, **2017**, 56, 12687-12691 5.1 26
- 142 Synthesis, characterization and catalytic epoxidation properties of lanthanide-stabilized peroxyisopolytungstates. *Dalton Transactions*, **2017**, 46, 12981-12987 4.3 8
- 141 Synthesis, structure, and luminescent properties of a family of lanthanide-functionalized peroxoniobiophosphates. *Scientific Reports*, **2017**, 7, 10653 4.9 7
- 140 Heterooctamolybdate-Based Clusters H[(Cp\*Rh)PMoO] and H[Na(Cp\*Ir)PMoO] and Derived Hybrid Nanomaterials with Efficient Electrocatalytic Hydrogen Evolution Reaction Activity. *Inorganic Chemistry*, **2017**, 56, 12520-12528 5.1 9
- 139 Synthesis, structure, and photocatalytic hydrogen evolution of a trimeric Nb/W addendum cluster. *RSC Advances*, **2017**, 7, 36416-36420 3.7 9
- 138 A Nanosized Gly-Decorated Praseodymium-Stabilized Selenotungstate Cluster: Synthesis, Structure, and Oxidation Catalysis. *Chemistry - an Asian Journal*, **2017**, 12, 2441-2446 4.5 10
- 137 Assembly of TeO Ions Embedded in an Nb/O Cage with Selective Decolorization of Organic Dye. *Inorganic Chemistry*, **2017**, 56, 10119-10122 5.1 18
- 136 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
- 135 Two New Sandwich-Type Polyoxomolybdates Functionalized with Diphosphonates: Efficient and Selective Oxidation of Sulfides to Sulfones. *Materials*, **2017**, 10, 3.5 6
- 134 Two New Tetravacant Organometallic Keggin-Type Heteropolyoxomolybdates-Supported Manganese Carbonyl Derivatives. *Molecules*, **2017**, 22, 4.8 6
- 133 Ni III -embedded polyoxovanadate: Synthesis, structure and magnetic properties. *Journal of Alloys and Compounds*, **2016**, 686, 1032-1036 5.7 11



132	Unprecedented {Fe <sub>14</sub> }/{Fe <sub>10</sub> } Polyoxotungstate-Based Nanoclusters with Efficient Photocatalytic H <sub>2</sub> Evolution Activity: Synthesis, Structure, Magnetism, and Electrochemistry. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 10983-9	4.8	29
131	Insight into the reactivity of in situ formed {(NbO)SiW}: synthesis, structure, and solution properties of a trimeric polytungstosilicate trapping a {MnNb} core. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15236-15241	4.3	14
130	The {NiNb} aggregate: a perspective on isopolyniobates as ligands. <i>Dalton Transactions</i> , <b>2016</b> , 45, 16173-16176	4.9	13
129	Synthesis and characterization of a series of novel polyoxometalate-supported carbonyl manganese derivatives. <i>RSC Advances</i> , <b>2016</b> , 6, 108335-108342	3.7	10
128	Isopentatungstate-supported metal carbonyl derivative: synthesis, characterization, and catalytic properties for alkene epoxidation. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6726-31	4.3	23
127	A new organic-inorganic hybrid tetrameric polyoxometalate assembled by monovacant Dawson [α-P <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ] <sub>10</sub> and trivalent cerium cations. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 67, 103-106	3.1	14
126	Coordination-Driven Self-Assembly of a 2D Graphite-Like Framework Constructed from High-Nuclear Ce <sub>10</sub> Cluster Encapsulated Polyoxotungstates. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 918-24	5.1	58
125	Bioinspired aerobic oxidation of alcohols with a bifunctional ligand based on bipyridine and TEMPO. <i>RSC Advances</i> , <b>2016</b> , 6, 35008-35013	3.7	14
124	Magnetic double-tartaric bridging mono-lanthanide substituted phosphotungstates with photochromic and switchable luminescence properties. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 5424-5433	7.1	58
123	Structure and magnetic property of a cubane-type Ni-substituted polyoxotungstate based on trivacant Dawson-type unit. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 68, 72-75	3.1	2
122	Two new members of the niobium-substituted polytungstophosphate family based on hexalacunary [H <sub>2</sub> P <sub>2</sub> W <sub>12</sub> O <sub>48</sub> ] <sub>12</sub> building blocks. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 254-262	6.8	28
121	A CO <sub>2</sub> -containing, dimanganese-substituted silicotungstate trimer, K <sub>9</sub> [H <sub>14</sub> {SiW <sub>10</sub> Mn <sub>II</sub> Mn <sub>III</sub> O <sub>38</sub> } <sub>3</sub> (CO <sub>3</sub> )] <sub>3</sub> ·9H <sub>2</sub> O. <i>Dalton Transactions</i> , <b>2015</b> , 44, 13469-72	4.3	13
120	Controllable assembly of multicarboxylic acids functionalized heteropolyoxomolybdates and allochroic properties. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 4632-4639	7.1	27
119	A {Co <sub>4</sub> O <sub>4</sub> } Cubane Incorporated within a Polyoxoniobate Cluster. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 8380-3	4.8	39
118	A multi-component polyoxometalate and its catalytic performance for CO <sub>2</sub> cycloaddition reactions. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10152-5	4.3	19
117	Synthesis, crystal structure and characterization of trivacant-Keggin-polyoxometalate-based carbonyl manganese derivative. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 56, 45-47	3.1	9
116	Generation of Large Polynuclear Rare Earth Metal-Containing Organic-Inorganic Polytungstoarsenate Aggregates. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2057-2063	3.5	32
115	Controlled assembly of hybrid architectures based on carboxylic acid ligands and [(O <sub>3</sub> PCH <sub>2</sub> PO <sub>3</sub> )Mo <sub>6</sub> O <sub>22</sub> ] <sub>12</sub> . <i>RSC Advances</i> , <b>2015</b> , 5, 31392-31398	3.7	6

114	Grafting transition metal-organophosphonate fragments onto heteropolyoxomolybdate: activity in photocatalysis. <i>Dalton Transactions</i> , <b>2015</b> , 44, 17544-50	4.3	18
113	A nona-vacant Keggin-type tricarbonyl rhenium derivative $\{[\text{PMo}_3\text{O}_{16}][\text{Re}(\text{CO})_3\text{O}_4]_5\}$ and its catalytic performance for CO <sub>2</sub> cycloaddition reactions. <i>RSC Advances</i> , <b>2015</b> , 5, 69006-69009	3.7	11
112	Merging of the photocatalysis and copper catalysis in metal-organic frameworks for oxidative C-C bond formation. <i>Chemical Science</i> , <b>2015</b> , 6, 1035-1042	9.4	109
111	Synthesis and characterization of organotriphosphonate-functionalized TM-containing polyoxotungstates. <i>RSC Advances</i> , <b>2015</b> , 5, 106077-106082	3.7	6
110	A $\{\text{Nb}_6\text{P}_2\text{W}_{12}\}$ -Based Hexameric Manganese Cluster with Single-Molecule Magnet Properties. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17683-90	4.8	34
109	Double-malate bridging tri-lanthanoid cluster encapsulated arsenotungstates: syntheses, structures, luminescence and magnetic properties. <i>Dalton Transactions</i> , <b>2015</b> , 44, 11514-23	4.3	52
108	Polyoxometalate-based homochiral metal-organic frameworks for tandem asymmetric transformation of cyclic carbonates from olefins. <i>Nature Communications</i> , <b>2015</b> , 6, 10007	17.4	193
107	Synthesis and magnetic properties of tartrate-bridging rare-earth-containing polytungstoarsenate aggregates from an adaptive precursor $[\text{As}_2\text{W}_{19}\text{O}_{67}(\text{H}_2\text{O})](14-)$ . <i>Dalton Transactions</i> , <b>2015</b> , 44, 733-8	4.3	34
106	Polyoxotungstate incorporating organotriphosphonate ligands: synthesis, characterization, and catalytic for alkene epoxidation. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 406-8	5.1	32
105	A novel transition-metal-linked hexaniobate cluster with photocatalytic H <sub>2</sub> evolution activity. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 54, 19-20	3.1	17
104	Organic-inorganic hybrid rare earth complexes based on polymolybdates with intrinsic photosensitive properties. <i>Dalton Transactions</i> , <b>2015</b> , 44, 4679-82	4.3	17
103	Synthesis, crystal structure, and properties of a 1-D terbium-substituted monolacunary Keggin-type polyoxotungstate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 138, 579-84	4.4	8
102	Construction of organic-inorganic hybrid molybdophosphonate clusters with copper-bipyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 131, 484-9	4.4	1
101	Tetradecacobalt(II)-containing 36-niobate $[\text{Co}_{14}(\text{OH})_{16}(\text{H}_2\text{O})_8\text{Nb}_{36}\text{O}_{106}]_{20-}$ and its photocatalytic H <sub>2</sub> evolution activity. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 9852-7	4.8	61
100	Synthesis, crystal structure and photocatalytic properties of an unprecedented arsenic-disubstituted Lindqvist-type peroxopolyoxoniobate ion: $\{\text{As}_2\text{Nb}_4(\text{O}_2)_4\text{O}_{14}\text{H}_{1.5}\}(4.5-)$ . <i>Dalton Transactions</i> , <b>2014</b> , 43, 9843-6	4.3	29
99	A new Nb cluster based on tungstophosphate, $[\{\text{Nb}_6\text{O}(\text{OH})\}_2\{\text{Nb}_6\text{PW}_6\text{O}_{42}\}]_{12}$ . <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 9917-22	5.1	37
98	From a versatile arsenotungstate precursor to a large lanthanide-containing polyoxometalate-carboxylate hybrid. <i>CrystEngComm</i> , <b>2014</b> , 16, 10746-10749	3.3	20
97	Self assembly of carboxylate/alcoholate functionalized ring-shape phosphomolybdates. <i>CrystEngComm</i> , <b>2014</b> , 16, 8041-8046	3.3	15

96	Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides Catalyzed by a Keggin-Type Polyoxometalate-Supported Rhenium Carbonyl Derivate in Ionic Liquid. <i>ChemCatChem</i> , <b>2014</b> , 6, 3096-3100	5.2	23
95	Ligand-directed conformation of inorganic-organic molecular capsule and cage. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3048-53	5.1	28
94	A monovacant heteropolytungstate-incorporated trimeric carbonyl rhenium cluster, [(AsW <sub>11</sub> O <sub>39</sub> ){Re(CO) <sub>3</sub> ] <sub>3</sub> (β-OH)(α-OH)] <sub>6</sub> synthesis, structure and catalytic properties. <i>RSC Advances</i> , <b>2014</b> , 4, 28848-28851	3.7	8
93	Beat over the old ground with new strategy: engineering As <sup>III</sup> As interaction in arsenite-based Dawson cluster [W <sub>18</sub> O <sub>54</sub> (AsO <sub>3</sub> ) <sub>2</sub> (6-)]. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2006-11	5.1	15
92	Novel isopolyoxotungstate [H <sub>2</sub> W <sub>11</sub> O <sub>38</sub> ] <sub>8</sub> - based metal organic framework: as Lewis acid catalyst for cyanosilylation of aromatic aldehydes. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6107-12	5.1	45
91	Crystal Structure and Magnetic Property of a 2-D Hexa-Circular Ring Cu(II)/Na(I)-Substituted Sandwich-Type Arsenotungstate. <i>Journal of Cluster Science</i> , <b>2013</b> , 24, 689-700	3	5
90	A crown-shaped 24-molybdate cluster constructed by organotriphosphonate ligand. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8285-7	5.1	36
89	Engineering chiral polyoxometalate hybrid metal-organic frameworks for asymmetric dihydroxylation of olefins. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10186-9	16.4	304
88	A highly selective fluorescent probe for the detection of palladium(II) ion in cells and aqueous media. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 211-217	5.8	30
87	Syntheses, characterization and magnetic properties of two novel inorganic-organic tungstoferrites, [Fe <sup>III</sup> <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (B-Fe <sup>III</sup> W <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] <sub>10</sub> . <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 198, 18-23	3.3	9
86	A novel sandwich-type tungstoarsenate containing a cage-like {Ca <sub>6</sub> } cluster with a water molecule enwrapped. <i>Dalton Transactions</i> , <b>2013</b> , 42, 874-8	4.3	13
85	Controlled assembly of inorganic-organic frameworks based on [SeMo <sub>6</sub> O <sub>21</sub> ] <sub>4</sub> - polyanion. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 14034-9	5.1	25
84	Carboxylate-functionalized phosphomolybdates: ligand-directed conformations. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8987-92	5.1	44
83	Designing a new organic-inorganic arsenomolybdate by modification of traditional Keggin-type building fragment. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 725-736	1.6	6
82	Self-assembly of two ring-shaped hexanuclear Mo(VI) clusters. <i>CrystEngComm</i> , <b>2013</b> , 15, 5452	3.3	11
81	An unprecedented trimer based on monovacant Dawson anion: [(α-P <sub>2</sub> W <sub>17</sub> O <sub>61</sub> )Ln(H <sub>2</sub> O) <sub>4</sub> ] <sub>3</sub> 21 [Ln = La(III), Ce(III) and Pr(III)]. <i>CrystEngComm</i> , <b>2013</b> , 15, 2992	3.3	21
80	Octamolybdate-supported tricarbonyl metal derivatives: [{H <sub>2</sub> Mo <sub>8</sub> O <sub>30</sub> }{M(CO) <sub>3</sub> ] <sub>2</sub> ] <sub>8</sub> - (M = Mn(I) and Re(I)). <i>Dalton Transactions</i> , <b>2013</b> , 42, 2696-9	4.3	16
79	Nona-copper(II)-containing 18-tungsto-8-arsenate(III) exhibits antitumor activity. <i>Chemical Communications</i> , <b>2013</b> , 49, 5189-91	5.8	67

78	pH-dependent assembly of saturated to dilacunar Keggin-based silicotungstate: [Cu(en) <sub>2</sub> (H <sub>2</sub> O)] <sub>2</sub> [H <sub>2</sub> en]{[SiW <sub>10</sub> O <sub>36</sub> [Cu(en) <sub>2</sub> (H <sub>2</sub> O)] <sub>2</sub> }·7.5H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 1330-1339	1.6	5
77	An organic-inorganic hybrid Dy(III)-containing polyoxomolybdate based on functionalized diphosphonate ligands. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 35, 5-8	3.1	6
76	Lanthanide-containing peroxyisopolytungstate with tetrahedral WO <sub>4</sub> template core, [Ln <sub>4</sub> (WO <sub>4</sub> )(H <sub>2</sub> O) <sub>16</sub> {W <sub>7</sub> O <sub>22</sub> (O <sub>2</sub> ) <sub>2</sub> }] <sub>4</sub> . <i>CrystEngComm</i> , <b>2013</b> , 15, 4597	3.3	12
75	A Series of Arsenotungstates Based on the [HAs <sub>2</sub> W <sub>8</sub> O <sub>31</sub> ] <sub>7</sub> Building Block: Syntheses by Control of the Reaction Process. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 2982-2989	3.5	14
74	Assembly of Dimeric and Tetrameric Complexes of Polyoxomolybdobisphosphonates Built from [(Mo <sub>3</sub> O <sub>8</sub> ){O <sub>3</sub> PC(O)(CH <sub>2</sub> -3-C <sub>5</sub> NH <sub>5</sub> )PO <sub>3</sub> }] <sub>2</sub> Subunits. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 2540-2547	3.5	25
73	Combination between [B-SiW <sub>9</sub> O <sub>34</sub> ] unit and triangular inorganic Ni <sub>6</sub> core under hydrothermal conditions: from monomer to rare dimer with malposed dodeca-nickel centers. <i>Dalton Transactions</i> , <b>2013</b> , 42, 364-7	4.3	15
72	Four Members of the Sandwich-Type Polytungstophosphate Family Based on Pentalacunar [HPW <sub>7</sub> O <sub>28</sub> ] <sub>8</sub> Building Blocks. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1672-1680	2.3	7
71	The first two-dimensional organic-inorganic hybrid constructed by oxalate-bridging scandium-substituted Keggin-type silicotungstate and [Cu(en) <sub>2</sub> ] <sub>2</sub> <sup>+</sup> coordination cations. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 20, 191-195	3.1	14
70	Manganese carbonyl derivatives based on Keggin- or Dawson-type polyoxoanions. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1019, 61-67	3.4	13
69	A Novel Sodium Germanomolybdate Constructed from [H <sub>2</sub> Ge <sub>2</sub> Mo <sub>6</sub> O <sub>26</sub> ] <sub>6</sub> Polyoxoanions and [Na <sub>6</sub> (H <sub>2</sub> O) <sub>12</sub> ] <sub>6</sub> <sup>+</sup> Clusters. <i>Chemistry Letters</i> , <b>2012</b> , 41, 847-849	1.7	0
68	Novel polyoxometalate hybrids consisting of copper-lanthanide heterometallic/lanthanide germanotungstate fragments. <i>Dalton Transactions</i> , <b>2012</b> , 41, 10740-51	4.3	67
67	2-D and 3-D organic-inorganic hybrid lanthanide molybdates linking by pyridine-2,5-dicarboxylate. <i>CrystEngComm</i> , <b>2012</b> , 14, 8677	3.3	14
66	Novel 1-D double-chain organic-inorganic hybrid polyoxotungstates constructed from dimeric copper-lanthanide heterometallic silicotungstate units. <i>CrystEngComm</i> , <b>2012</b> , 14, 7981	3.3	34
65	Two types of oxalate-bridging rare-earth-substituted Keggin-type phosphotungstates {[[(PW <sub>11</sub> O <sub>39</sub> )RE(H <sub>2</sub> O)] <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> )} <sub>10</sub> <sup>-</sup> and {[[(K-PW <sub>10</sub> O <sub>38</sub> )RE <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> )(H <sub>2</sub> O)] <sub>2</sub> }] <sub>3</sub> <sup>-</sup> . <i>Dalton Transactions</i> , <b>2012</b> , 41, 3764-72	4.3	57
64	Three-dimensional lanthanide polyoxometalate organic complexes: correlation of structure with properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 3205	3.3	46
63	Four di-Cu(II)-substituted sandwich-type germanomolybdates obtained under different reaction conditions: from zero-dimensional to two-dimensional structure. <i>Dalton Transactions</i> , <b>2012</b> , 41, 5235-40	4.3	7
62	Syntheses, crystal structures, and magnetic properties of the banana-shaped tungstophosphates: [M <sub>6</sub> (H <sub>2</sub> O) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> )(PW <sub>6</sub> O <sub>26</sub> )] <sub>17</sub> [MII=NiII, CoII]. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 3363-3371	1.6	7
61	Organic-Inorganic Hybrids Based on Monovacant Keggin-type Silicotungstates and 3d-4f Heterometals. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 1263-1272	3.5	64

60	Two novel trivalent Keggin-type polytungstates supported manganese carbonyl derivatives synthesized by degradation of metastable $[XW_{10}O_{36}]^{8-}$ (X = Ge(IV), Si(IV)). <i>Dalton Transactions</i> , <b>2012</b> , 41, 5832-7	4.3	25
59	Two organic-inorganic hybrid 1-D and 3-D polyoxotungstates constructed from hexa-CuII substituted sandwich-type arsenotungstate units. <i>CrystEngComm</i> , <b>2012</b> , 14, 2797	3.3	49
58	Temperature-controlled assembly of a series of inorganic-organic hybrid arsenomolybdates. <i>CrystEngComm</i> , <b>2012</b> , 14, 4060	3.3	55
57	A novel dinioberium-inserted sandwich-type polyoxometalate $K_6H_3[Nb_2K(H_2O)_4(A-SiW_9O_{34})_2] \cdot 23H_2O$ constructed from two trivalent Keggin $[A-SiW_9O_{34}]^{10-}$ moieties linked via a V-shaped $\{Nb_2K\}$ group. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 17, 75-78	3.1	15
56	Rare-earth-transition-metal organic-inorganic hybrids based on Keggin-type polyoxometalates and pyrazine-2,3-dicarboxylate. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 966-74	4.5	49
55	Organodiphosphonate-functionalized lanthanopolyoxomolybdate cages. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 6759-62	4.8	52
54	Synthesis and characterization of a coplanar-shaped hexa-CuII sandwiched arsenotungstate. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 1740-1749	1.6	5
53	Two 1-D multi-nickel substituted arsenotungstate aggregates. <i>CrystEngComm</i> , <b>2011</b> , 13, 3462	3.3	50
52	Two 3D f heterometallic monovalent Keggin phosphotungstate derivatives. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 400-412	1.6	20
51	Synthesis, structure and magnetism of a S-shaped multi-iron substituted arsenotungstate containing a trivalent Keggin $[B-AsVW_9O_{34}]^{9-}$ and a hexavalent Keggin $[AsVW_6O_{26}]^{11-}$ fragments. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 2756-2761	3.3	18
50	A new organic-inorganic composite sandwich-type phosphotungstate: Synthesis, crystal structure and properties of $[Ni(phen)_3]_2H_6[Ni_4(H_2O)_2(B-PW_9O_{34})_2] \cdot 4H_2O$ . <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 1075-1079	1.5	
49	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> , <b>2011</b> , 2011, 5397-5404	2.3	16
48	Synthesis, structure and magnetism of a 2-D organic-inorganic hybrid tetra-CuII-substituted sandwich-type Keggin germanotungstate: $\{[Co(dap)_2(H_2O)]_2[Co(dap)_2]_2[Co_4(Hdap)_2(B-HGeW_9O_{34})_2]\} \cdot 7H_2O$ . <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1052-1056	3.1	26
47	Novel octatungstate-supported tricarbonyl metal derivatives: $\{[H_2W_8O_{30}][M(CO)_3]_2\}^{8-}$ (M = Mn(I) and Re(I)). <i>Dalton Transactions</i> , <b>2011</b> , 40, 8298-300	4.3	24
46	Zero- or One-Dimensional Organic-Inorganic Hybrid Polyoxoniobates Constructed from Decaniobate Units and Transition-Metal Complexes. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1253-1261	3.5	49
45	Three Novel Inorganic-Organic Hybrid Arsenomolybdate Architectures Constructed from Monocapped Trivalent $[AsIIIAsVMo_9O_{34}]^{6-}$ Fragments with $[Cu(L)_2]^{2+}$ Linkers: From Dimer to Two-Dimensional Framework. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 436-444	3.5	33
44	Three Transition-Metal Substituted Polyoxotungstates Containing Keggin Fragments: From Trimer to One-Dimensional Chain to Two-Dimensional Sheet. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1913-1923	3.5	64
43	Synthesis, structure, and properties of a 1-D cerium based on monovalent Keggin-type polyoxotungstate. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 2178-2185	1.6	10



42	A new 1-D chain-like organic/inorganic hybrid phosphotungstate constructed by sandwich-type clusters and $[\text{Ni}(\text{en})_2]^{2+}$ linkers. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 2497-2505	1.6	6
41	Synthesis and Structural Characterization of a New Two-dimensional Organic-Inorganic Hybrid Molybdoarsenate: $[\text{Cu}(\text{en})_2]_2[(\text{CuO}_6)\text{Mo}_6\text{O}_{18}(\text{As}_3\text{O}_3)_2]$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2010</b> , 65, 163-167	1	5
40	Polyoxotungstate clusters: syntheses, characterization, and crystal structures of $[\text{CuII}(1,3\text{-dap})_2]_2[\text{CuII}(1,3\text{-dap})]_2\text{H}[\text{PW}_{10.5}\text{O}_{40}]$ and $[\text{CuI}(\text{phen})_2]_3[\text{PW}_{12}\text{O}_{40}]$ . <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 1463-1472	1.6	5
39	A new organic/inorganic hybrid polyoxoniobate based on Lindqvist-type anion and nickel complex. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 3753-3763	1.6	10
38	Syntheses, structures, and properties of two new hybrid Dawson-based polyoxotungstates $[\text{Mn}(2,2'\text{-bipy})_3]_2\text{H}_2$ $[\text{Mn}(2,2'\text{-bipy})_2][\text{P}_2\text{W}_{18}\text{O}_{62}]$ and $[\text{Co}(\text{H}_2\text{biim})_3]_2\text{H}_2[\text{P}_2\text{W}_{18}\text{O}_{62}] \cdot 8\text{H}_2\text{O}$ . <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 1844-1855	1.6	4
37	A 3D organic/inorganic network constructed from an Anderson-type polyoxometalate anion, a copper complex and a tetrameric $[\text{Na}_4(\text{H}_2\text{O})_{14}]^{4+}$ cluster. <i>CrystEngComm</i> , <b>2010</b> , 12, 1718	3.3	42
36	Two-Dimensional Polyoxoniobates Constructed from Lindqvist-Type Hexaniobates Functionalized by Mixed Ligands. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 3110-3119	3.5	38
35	Hydrothermal syntheses and structural characterization of two sandwich-type arsenotungstates. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 2042-2055	1.6	12
34	A Novel Organic-Inorganic Hybrid Polyoxoniobate Constructed from $\{[\text{Cu}(\text{en})(\text{H}_2\text{O})][\text{HNb}_6\text{O}_{19}]\}_5$ Polyoxoanions and Methane-like $\{\text{K}_4\text{Na}\}_5^+$ Cations. <i>Journal of Cluster Science</i> , <b>2010</b> , 21, 121-131	3	9
33	One-pot syntheses, structures and properties of two novel 1-D copper complexes: $[\text{CuII}(\text{HbpdC})_2\text{Cl}_2]_2 \cdot 2\text{H}_2\text{O}$ and $\text{CuI}(\text{H}_2\text{bpdC})\text{Cl}$ ( $\text{H}_2\text{bpdC} = 2,2'$ -bipyridyl-5,5'-dicarboxylic acid). <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 822-827	3.1	30
32	Hydrothermal syntheses and structural characterization of two organic/inorganic hybrid compounds based on Lindqvist polyanions. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 3117-3125	1.6	8
31	Synthesis and characterization of a new transition-metal complex of the Lindqvist polyanion $\text{Na}[\text{Cu}(1,3\text{-pda})_2]_3[\text{HNb}_6\text{O}_{19}] \cdot 3\text{H}_2\text{O}$ . <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 2299-2306	1.6	12
30	Magnetic Properties of Tetra-Transition-Metal Substituted Weakley-Type Germanotungstates. <i>Journal of Cluster Science</i> , <b>2009</b> , 20, 671-681	3	3
29	Hydrothermal synthesis and crystal structure of a tungstovanadate: $[\text{4,4}'\text{-bipyH}_2][\text{4,4}'\text{-bipyH}]_2[\text{VW}_{12}\text{O}_{40}] \cdot 4,4'\text{-bipy} \cdot 7.5\text{H}_2\text{O}$ . <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 403-406	1.5	5
28	Rare sandwich-type polyoxomolybdates constructed from Di-/tetra-nuclear transition-metal clusters and trivacant kegggin germanomolybdate fragments. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9819-30	5.1	90
27	Assembly Chemistry between Lanthanide Cations and Monovacant Keggin Polyoxotungstates: Two Types of Lanthanide Substituted Phosphotungstates $\{[(\text{PW}_{11}\text{O}_{39})\text{Ln}(\text{H}_2\text{O})_3]_2\}_6$ and $\{[(\text{PW}_{11}\text{O}_{39})\text{Ln}(\text{H}_2\text{O})(\mu_2, \mu_1, 1)\text{-CH}_3\text{COO}]_2\}_{10}$ . <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 4362-4372	3.5	109
26	A novel type of heteropolyoxoanion precursors $[\text{Ca}(\text{H}_2\text{O})_6[\text{P}_4\text{M}_6\text{O}_{34}]_2]^{12-}$ ( $\text{M} = \text{WVI}, \text{MoVI}$ ) constructed by two $[\text{P}_4\text{M}_6\text{O}_{34}]^{12-}$ subunits via a rare hexa-calcium cluster. <i>Chemical Communications</i> , <b>2009</b> , 2362-4	5.8	41
25	Hydrothermal syntheses and crystal structures of two organic/inorganic hybrid molybdovanadates based on $[\text{V}_2\text{Mo}_6(\text{OH})_2\text{O}_{24}]_4$ and $[\text{VMo}_{12}\text{O}_{40}]_3$ polyoxoanions. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 3754-3762	1.6	8



24	Hydrothermal synthesis and crystal structure of a 1-D compound constructed from molybdovanadate clusters $[V_2Mo_6O_{26}]_6$ and copper complexes. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 2641-2647	1.6	5
23	Synthesis and crystal structure of a 1D chain polyoxometalate-based complex $\{[Cu(en)_2(H_2O)]_2[GeW_{12}O_{40}[Cu(en)_2]] \cdot 2.5H_2O\}_n$ . <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 1895-1901	1.6	14
22	Hydrothermal synthesis and structural characterization of two inorganic-organic composite sandwich-type tungstogermanates. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 3599-3605	1.6	7
21	A new 3D polyoxometalate based on saturated Wells-Dawson polyanions and calcium cations. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 3651-3658	1.6	8
20	An organic-inorganic hybrid polyoxometalate based on the dodecatungstate building block: $[Ni(phen)(H_2O)_3]_2[Ni(H_2O)_5][H_2W_{12}O_{40}] \cdot 6H_2O$ . <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 192-201	1.6	7
19	Novel hexanuclear copper(II)-substituted dimeric tungstogermanates. <i>CrystEngComm</i> , <b>2008</b> , 10, 972	3.3	34
18	Novel Tungstovanadate Wells-Dawson Organic-Organic Heteropolyoxometalate Compound: Synthesis and Crystal Structure of $[Cu_2(2,2'-bipy)_2(Inic)_2(H_2O)_2][Y(Inic)_2(H_2O)_5]H_3[V_2W_{18}O_{62}] \cdot 5H_2O$ (Where 2,2'-bipy = 2,2'-Bipyridine, Inic = $\pi$ -Picolinic Acid). <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 372-374	3.5	18
17	Tetra-Transition-Metal Substituted Weakley-Type Sandwich Germanotungstates and their Derivatives Decorated by Transition-Metal Complexes. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3130-3133	3.5	58
16	Synthesis, structure and properties of rare earth substituted germanotungstates: Pr/ $[GeW_{11}O_{39}]$ . <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 3467-3475	1.6	4
15	A three-dimensional heterocluster containing manganese clusters and hexanuclear sodium wheels. <i>CrystEngComm</i> , <b>2007</b> , 9, 740	3.3	1
14	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> , <b>2007</b> , 7, 603-605	3.5	41
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12	Synthesis, crystal structure and properties of a new organic-inorganic hybrid Dawson-like polyoxotungstate $[Co(2,2'-bpy)_3]_2[Co(2,2'-bpy)_2Cl][Co(2,2'-bpy)_2]H_2[SbW_{18}O_{60}] \cdot 4H_2O$ . <i>Science in China Series B: Chemistry</i> , <b>2007</b> , 50, 784-789		5
11	Synthesis, crystal structure and characterization of a 2-D network organic-inorganic hybrid polymer with $[BW_{12}O_{40}]_5$ as building blocks. <i>Science in China Series B: Chemistry</i> , <b>2006</b> , 49, 437-444		8
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