

Jingyang Niu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Engineering Chiral Polyoxometalate Hybrid Metal-Organic Frameworks for Asymmetric Dihydroxylation of Olefins. <i>Journal of the American Chemical Society</i> , 2013, 135, 10186-10189.	13.7	348
2	Polyoxometalate-based homochiral metal-organic frameworks for tandem asymmetric transformation of cyclic carbonates from olefins. <i>Nature Communications</i> , 2015, 6, 10007.	12.8	240
3	Carboxylate covalently modified polyoxometalates: From synthesis, structural diversity to applications. <i>Coordination Chemistry Reviews</i> , 2019, 378, 281-309.	18.8	205
4	Giant Polyniobate Clusters Based on $[Nb_7O_{22}]^{9-}$ Units Derived from a Nb_6O_{19} Precursor. <i>Chemistry - A European Journal</i> , 2007, 13, 8739-8748.	3.3	196
5	Recent advances in transition-metal-containing Keggin-type polyoxometalate-based coordination polymers. <i>Coordination Chemistry Reviews</i> , 2019, 392, 49-80.	18.8	133
6	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.	7.4	126
7	Assembly Chemistry between Lanthanide Cations and Monovacant Keggin Polyoxotungstates: Two Types of Lanthanide Substituted Phosphotungstates $\{[(\pm)\text{-PW}_{11}\text{O}_{39}\text{H}]\text{Ln}(\text{H}_2\text{O})_3\}_2^{6-}$ and $\{[(\pm)\text{-PW}_{11}\text{O}_{39}]\text{Ln}(\text{H}_2\text{O})_2\}_2^{4-}$. <i>Crystal Growth and Design</i> , 2009, 9, 4362-4372.	3.0	122
8	Rare Sandwich-Type Polyoxomolybdates Constructed from Di-/Tetra-Nuclear Transition-Metal Clusters and Trivacant Keggin Germanomolybdate Fragments. <i>Inorganic Chemistry</i> , 2009, 48, 9819-9830.	4.0	94
9	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_2 Evolution Activity. <i>Chemistry - A European Journal</i> , 2014, 20, 9852-9857.	3.8	82
10	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.	5.5	80
11	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, 918-924.	4.0	78
12	Nona-copper(ii)-containing 18-tungsto-8-arsenate(iii) exhibits antitumor activity. <i>Chemical Communications</i> , 2013, 49, 5189.	4.1	73
13	Novel polyoxometalate hybrids consisting of copper-lanthanide heterometallic/lanthanide germanotungstate fragments. <i>Dalton Transactions</i> , 2012, 41, 10740.	3.3	71
14	Organic-Inorganic Hybrids Based on Monovacant Keggin-type Silicotungstates and 3d-4f Heterometals. <i>Crystal Growth and Design</i> , 2012, 12, 1263-1272.	3.0	71
15	Double-malate bridging tri-lanthanoid cluster encapsulated arsenotungstates: syntheses, structures, luminescence and magnetic properties. <i>Dalton Transactions</i> , 2015, 44, 11514-11523.	3.3	69
16	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.	3.0	68
17	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.	8.0	66
18	Two types of oxalate-bridging rare-earth substituted Keggin-type phosphotungstates $\{[(\pm)\text{-PW}_{11}\text{O}_{39}\text{RE}(\text{H}_2\text{O})]_2(\text{C}_2\text{O}_4)\}_2^{10-}$ and $\{[(\pm)\text{-x-PW}_{10}\text{O}_{38}]\text{RE}_2(\text{C}_2\text{O}_4)(\text{H}_2\text{O})_2\}_3^{8-}$. <i>Dalton Transactions</i> , 2013, 41, 3764.	3.4	65

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19	Controlled assembly of polyoxometalate-based composite materials containing zero- and one-dimensional structures. <i>New Journal of Chemistry</i> , 2004, 28, 980.	2.8	63
20	A luminescent polyoxoniobate lanthanide derivative $\{Eu_{3+}(H_2O)_9[Nb_{48}O_{138}(H_2O)_{46}]_{10}\} \cdot 27H_2O$. <i>Chemical Communications</i> , 2017, 53, 3709-3712.	4.6	30
21	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.	3.0	59
22	Ternary supramolecular system for photocatalytic oxidation with air by consecutive photo-induced electron transfer processes. <i>Journal of Catalysis</i> , 2019, 376, 161-167.	6.2	59
23	A Stable Polyoxometalate-Based Metal-Organic Framework as Highly Efficient Heterogeneous Catalyst for Oxidation of Alcohols. <i>Inorganic Chemistry</i> , 2019, 58, 4945-4953.	4.0	59
24	Temperature-controlled assembly of a series of inorganic-organic hybrid arsenomolybdates. <i>CrystEngComm</i> , 2012, 14, 4060.	2.6	58
25	Enhanced Photostability Luminescent Properties of Er ³⁺ -Doped Near-White-Emitting Dy _x Er _(1-x) -POM Derivatives. <i>Inorganic Chemistry</i> , 2018, 57, 7665-7675.	4.0	58
26	Organodiphosphonate-Functionalized Lanthanopolyoxomolybdate Cages. <i>Chemistry - A European Journal</i> , 2012, 18, 6759-6762.	3.3	56
27	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, 966-974.	3.3	55
28	Novel Isopolyoxotungstate [H ₂ W ₁₁ O ₃₈] ⁸⁻ Based Metal Organic Framework: As Lewis Acid Catalyst for Cyanosilylation of Aromatic Aldehydes. <i>Inorganic Chemistry</i> , 2014, 53, 6107-6112.	4.0	55
29	Nitrogen-Doped Carbon-Modified Cobalt-Nanoparticle-Catalyzed Oxidative Cleavage of Lignin β^2 -O-4 Model Compounds under Mild Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14188-14196.	6.7	55
30	Polyoxoniobates as a superior Lewis base efficiently catalyzed Knoevenagel condensation. <i>Molecular Catalysis</i> , 2018, 453, 93-99.	2.0	55
31	Three-dimensional lanthanide polyoxometalate organic complexes: correlation of structure with properties. <i>CrystEngComm</i> , 2012, 14, 3205.	2.6	54
32	Two organic-inorganic hybrid 1-D and 3-D polyoxotungstates constructed from hexa-CuII substituted sandwich-type arsenotungstate units. <i>CrystEngComm</i> , 2012, 14, 2797.	2.6	52
33	Zero- or One-Dimensional Organic-Inorganic Hybrid Polyoxoniobates Constructed from Decaniobate Units and Transition-Metal Complexes. <i>Crystal Growth and Design</i> , 2011, 11, 1253-1261.	3.0	51
34	Two 1-D multi-nickel substituted arsenotungstate aggregates. <i>CrystEngComm</i> , 2011, 13, 3462.	2.6	51
35	Carboxylate-Functionalized Phosphomolybdates: Ligand-Directed Conformations. <i>Inorganic Chemistry</i> , 2013, 52, 8987-8992.	4.0	51
36	The Polyoxovanadate-Based Carboxylate Derivative $K_6H[V_{17}V_{IV}^{12}(OH)_4O_{60}](OOC(CH_2)_4)_2 \cdot 50H_2O$ Synthesis, Crystal Structure, and Catalysis for Oxidation of Sulfides. <i>Inorganic Chemistry</i> , 2017, 56, 14053-14059.	4.0	50

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37	A Crown-Shaped Ru-Substituted Arsenotungstate for Selective Oxidation of Sulfides with Hydrogen Peroxide. <i>Chemistry - A European Journal</i> , 2018, 24, 11059-11066.	3.3	50
38	A $\{Co_4O_4\}$ Cubane Incorporated within a Polyoxoniobate Cluster. <i>Chemistry - A European Journal</i> , 2015, 21, 8380-8383.	3.3	49
39	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.	4.0	47
40	A Novel Polyoxotungstate $[Ni_4(H_2O)_2(\mu-NiW_9O_{34})_2]_{16}$ -Based on an Old Structure with a New Component. <i>Crystal Growth and Design</i> , 2007, 7, 603-605.	3.0	46
41	A Crown-Shaped 24-Molybdate Cluster Constructed by Organotriphosphonate Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 8285-8287.	4.0	46
42	Aerobic oxidative cleavage of 1,2-diols catalyzed by atomic-scale cobalt-based heterogeneous catalyst. <i>Communications Chemistry</i> , 2019, 2, .	4.5	45
43	A 3D organic-inorganic network constructed from an Anderson-type polyoxometalate anion, a copper complex and a tetrameric $[Na_4(H_2O)_{14}]^{4+}$ cluster. <i>CrystEngComm</i> , 2010, 12, 1718.	2.6	44
44	Two-Dimensional Polyoxoniobates Constructed from Lindqvist-Type Hexaniobates Functionalized by Mixed Ligands. <i>Crystal Growth and Design</i> , 2010, 10, 3110-3119.	3.0	43
45	A $\{Nb_6P_2W_{12}\}$ -Based Hexameric Manganese Cluster with Single-Molecule Magnet Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 17683-17690.	3.3	43
46	Generation of Large Polynuclear Rare Earth Metal-Containing Organic-Inorganic Polytungstoarsenate Aggregates. <i>Crystal Growth and Design</i> , 2015, 15, 2057-2063.	3.0	43
47	A novel type of heteropolyoxoanion precursors $\{[Ca(H_2O)_6][P_4M_6O_{34}]_2\}_{12}^{n-}$ (M = WVI, MoVI) constructed by two $[P_4M_6O_{34}]_{12}^{n-}$ subunits via a rare hexa-calcium cluster. <i>Chemical Communications</i> , 2009, , 2362.	4.1	42
48	Organophosphonate-Functionalized Lanthanopolyoxomolybdate: Synthesis, Characterization, Magnetism, Luminescence, and Catalysis of H_2O_2 -Based Thioether Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 1796-1805.	4.0	42
49	A New Nb_{28} Cluster Based on Tungstophosphate, $\{[Nb_4O_6(OH)_4]\{Nb_6P_2W_{12}O_{61}\}\}_{14}$. <i>Inorganic Chemistry</i> , 2014, 53, 9917-9922.		
50	Controllable assembly of multicarboxylic acids functionalized heteropolyoxomolybdates and allochroic properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4632-4639.	5.5	40
51	A helical chain-like organic-inorganic hybrid arsenotungstate with color-tunable photoluminescence. <i>Dalton Transactions</i> , 2018, 47, 1958-1965.	3.3	40
52	Magnetoluminescent Bifunctional Dysprosium-Based Phosphotungstates with Synthesis and Correlations between Structures and Properties. <i>Crystal Growth and Design</i> , 2017, 17, 1947-1956.	3.0	39
53	Organophosphonate-Bridged Polyoxometalate-Based Dysprosium(III) Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2017, 56, 12687-12691.	4.0	39
54	Novel 1-D double-chain organic-inorganic hybrid polyoxotungstates constructed from dimeric copper-lanthanide heterometallic silicotungstate units. <i>CrystEngComm</i> , 2012, 14, 7981.	2.6	38

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55	A bimetallic oxide Fe _{1.89} Mo _{4.11} O ₇ electrocatalyst with highly efficient hydrogen evolution reaction activity in alkaline and acidic media. <i>Chemical Science</i> , 2018, 9, 5640-5645.	7.4	38
56	Three Novel Inorganic ⁺ Organic Hybrid Arsenomolybdate Architectures Constructed from Monocapped Trivacant [As ⁺ III ₂ As ⁺ V ₂ Mo 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.	3.0	37
57	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)] ¹⁴⁺ . <i>Dalton Transactions</i> , 2015, 44, 733-738.	3.3	36
58	Synthesis and Characterization of a Crown-Shaped 36-Molybdate Cluster and Application in Catalyzing Knoevenagel Condensation. <i>Inorganic Chemistry</i> , 2020, 59, 10665-10672.	4.0	36
59	Novel hexanuclear copper(ii)-substituted dimeric tungstogermanates. <i>CrystEngComm</i> , 2008, 10, 972.	2.6	35
60	Polyoxotungstate Incorporating Organotriphosphonate Ligands: Synthesis, Characterization, and Catalytic for Alkene Epoxidation. <i>Inorganic Chemistry</i> , 2015, 54, 406-408.	4.0	35
61	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.	5.0	34
62	Synthesis, crystal structure and photocatalytic properties of an unprecedented arsenic-disubstituted Lindqvist-type peroxopolyoxoniobate ion: {As ₂ Nb ₄ (O ₂) ₄ O ₁₄ H _{1.5} } ^{4.5+} . <i>Dalton Transactions</i> , 2014, 43, 9843-9846.	3.3	34
63	Two new members of the niobium-substituted polytungstophosphate family based on hexalacunary [H ₂ P ₂ W ₁₂ O ₄₈] ₁₂ ⁺ building blocks. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 254-262.	6.0	34
64	A Monomeric Tricobalt(II)-Substituted Dawson-Type Polyoxometalate Decorated by a Metal Carbonyl Group: [P ₂ W ₁₅ O ₅₆ Co ₃ (H ₂ O) ₃ (OH) ₃ Mn(CO)] ³⁻ . <i>Inorganic Chemistry</i> , 2017, 56, 10131-10134.	4.0	34
65	Controlled Assembly of Inorganic ⁺ Organic Frameworks Based on [SeMo ₆ O ₂₁] ⁴⁻ Polyanion. <i>Inorganic Chemistry</i> , 2013, 52, 14034-14039.	4.0	33
66	Ligand-Directed Conformation of Inorganic ⁺ Organic Molecular Capsule and Cage. <i>Inorganic Chemistry</i> , 2014, 53, 3048-3053.	4.0	33
67	Unprecedented {Fe ₁₄ }/ {Fe ₁₀ } Polyoxotungstate-Based Nanoclusters with Efficient Photocatalytic H ₂ Evolution Activity: Synthesis, Structure, Magnetism, and Electrochemistry. <i>Chemistry - A European Journal</i> , 2016, 22, 10983-10989.	3.3	33
68	Discovery of Heteropolytantalate: Synthesis and Structure of Two 6-Peroxoantalo-4-phosphate Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 5537-5543.	4.0	33
69	Elucidating white light emissions in Tm ³⁺ /Dy ³⁺ codoped polyoxometalates: a color tuning and energy transfer mechanism study. <i>Dalton Transactions</i> , 2018, 47, 13949-13956.	3.3	32
70	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> , 2021, 60, 682-691.	4.0	32
71	A Copper-Containing Polyoxometalate-Based Metal ⁺ Organic Framework as an Efficient Catalyst for Selective Catalytic Oxidation of Alkylbenzenes. <i>Inorganic Chemistry</i> , 2021, 60, 4792-4799.	4.0	32
72	One-pot syntheses, structures and properties of two novel 1-D copper complexes: [CuI ₂ (Hbpdc)2Cl ₂] ₂ ·2H ₂ O and CuI(H ₂ bpdc)Cl (H ₂ bpdc = 2,2'-bipyridyl-5,5'-dicarboxylic acid). <i>Inorganic Chemistry Communication</i> , 2010, 13, 822-827.	3.9	30

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73	Assembly of Dimeric and Tetrameric Complexes of Polyoxomolybdobisphosphonates Built from $[(\text{Mo}_3\text{O}_8)\{\text{O}_3\text{PC}(\text{O})(\text{CH}_2\text{-3-C}_5\text{NH}_5)\text{PO}_3\}]_2$ Subunits. <i>Crystal Growth and Design</i> , 2013, 13, 2540-2547.	3.0	30
74	Assembly of Lanthanide-Containing Polyoxotantalate Clusters with Efficient Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2019, 58, 13030-13036.	4.0	30
75	Preparation, electrochemistry and crystal structure of a derivative of 18-tungstophosphate with Dawson structure: $\text{K}_{16}\text{H}[\text{Yb}(\mu_2\text{-P}_2\text{W}_{17}\text{O}_{61})_2]\cdot 44\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2004, 692, 223-229.	3.6	29
76	Assembly of TeO_3 Ions Embedded in an Nb/O Cage with Selective Decolorization of Organic Dye. <i>Inorganic Chemistry</i> , 2017, 56, 10119-10122.	4.0	29
77	Enhanced Carrier Separation in Visible-Light-Responsive Polyoxometalate-Based Metal-Organic Frameworks for Highly Efficient Oxidative Coupling of Amines. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 27882-27890.	8.0	29
78	Synthesis, structure and magnetism of a 2-D organic-inorganic hybrid tetra-Coll-substituted sandwich-type Keggin germanotungstate: $\{[\text{Co}(\text{dap})_2(\text{H}_2\text{O})]_2[\text{Co}(\text{dap})_2]_2[\text{Co}_4(\text{Hdap})_2(\text{B-GeW}_9\text{O}_{34})_2]\}\cdot 7\text{H}_2\text{O}$. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1052-1056.	3.9	28
79	Facile CO_2 Cycloaddition to Epoxides by Using a Tetracarbonyl Metal Selenotungstate Derivate $[\{\text{Mn}(\text{CO})_3\}_4(\text{Se}_2\text{W}_{11}\text{O}_{43})]_8$. <i>Inorganic Chemistry</i> , 2018, 57, 14632-14643.	4.0	28
80	Efficient Olefins Epoxidation on Ultrafine H_2O Nanoparticles with Spectroscopic Evidence of Intermediate Species. <i>ACS Catalysis</i> , 2019, 9, 7641-7650.	11.2	28
81	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.	3.3	28
82	Novel octatungstate-supported tricarbonyl metal derivatives: $\{[\text{H}_2\text{W}_8\text{O}_{30}][\text{M}(\text{CO})_3]_2\}_8$ (M = MnI and Tj ETQq0 0 0 rgBT/Overlock	3.3	27
83	Two novel trivacant Keggin-type polytungstates supported manganese carbonyl derivatives synthesized by degradation of metastable $[\text{XW}_{10}\text{O}_{36}]_8$ (X = GeIV, SiIV). <i>Dalton Transactions</i> , 2012, 41, 5832.	3.3	27
84	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.	3.7	27
85	dl-Serine covalently modified multinuclear lanthanide-implanted arsenotungstates with fast photochromism. <i>Chinese Chemical Letters</i> , 2023, 34, 107238.	9.0	27
86	Isopentatungstate-supported metal carbonyl derivative: synthesis, characterization, and catalytic properties for alkene epoxidation. <i>Dalton Transactions</i> , 2016, 45, 6726-6731.	3.3	26
87	A Lacunary Polyoxovanadate Precursor and Transition-Metal Sandwiched Derivatives for Catalytic Oxidation of Sulfides. <i>Chemistry - A European Journal</i> , 2020, 26, 8760-8766.	3.3	26
88	Polyoxometalate-Incorporated Framework as a Heterogeneous Catalyst for Selective Oxidation of C-H Bonds of Alkylbenzenes. <i>Inorganic Chemistry</i> , 2021, 60, 7753-7761.	4.0	25
89	Two 3d-4f heterometallic monovacant Keggin phosphotungstate derivatives. <i>Journal of Coordination Chemistry</i> , 2011, 64, 400-412.	2.2	24
90	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> , 2014, 6, 3096-3100.	3.7	24

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91	An unprecedented trimer based on monovacant Dawson anion: $[(\pm 2\text{-P2W17O61})\text{Ln}(\text{H}_2\text{O})_4]^{32\pm}$ (Ln = LaIII, Tj) <i>Inorg Chem</i> , 2019, 58, 10784-10794.	2.6	23
92	A multi-component polyoxometalate and its catalytic performance for CO_2 cycloaddition reactions. <i>Dalton Transactions</i> , 2015, 44, 10152-10155.	3.3	23
93	An isotetramolybdate-supported rhenium carbonyl derivative: synthesis, characterization, and use as a catalyst for sulfoxidation. <i>Dalton Transactions</i> , 2018, 47, 5279-5285.	3.3	23
94	A Novel Tetrameric Polyoxotantalate Aggregate: $\{\text{Co}_8\text{Ta}_{24}\}$ Featuring a High-Nuclearity Co_8 Cluster. <i>Inorganic Chemistry</i> , 2018, 57, 12471-12474.	4.0	23
95	Two Novel Heteropolyniobates Using TeO_3 as Template and Linker. <i>Inorganic Chemistry</i> , 2019, 58, 27-30.	4.0	23
96	An $\{\text{As}_4\text{Cu}_4[\text{Cu}(\text{H}_2\text{O})_{12}]\}$ Cluster Incorporated within Four $[\text{Nb}_7\text{O}_{22}]^{9-}$ Units. <i>Chemistry - A European Journal</i> , 2017, 23, 16957-16960.	3.3	22
97	From a versatile arsenotungstate precursor to a large lanthanide-containing polyoxometalate-carboxylate hybrid. <i>CrystEngComm</i> , 2014, 16, 10746-10749.	2.6	21
98	Self assembly of carboxylate/alcoholate functionalized ring-shape phosphomolybdates. <i>CrystEngComm</i> , 2014, 16, 8041-8046.	2.6	21
99	A novel transition-metal-linked hexaniobate cluster with photocatalytic H_2 evolution activity. <i>Inorganic Chemistry Communication</i> , 2015, 54, 19-20.	3.9	21
100	A high-nuclearity isopolyoxotungstate based manganese cluster: one-pot synthesis and step-by-step assembly. <i>Chemical Communications</i> , 2018, 54, 5458-5461.	4.1	21
101	Multinuclear Lanthanide-Implanted Tetrameric Dawson-Type Phosphotungstates with Switchable Luminescence Behaviors Induced by Fast Photochromism. <i>Inorganic Chemistry</i> , 2021, 60, 8164-8172.	4.0	21
102	Synthesis, structure and magnetism of a S-shaped multi-iron substituted arsenotungstate containing a trivacant Keggin $[\text{B}_3\text{-AsVW}_9\text{O}_{34}]^{9-}$ and a hexavacant Keggin $[\text{I}_3\text{-AsVW}_6\text{O}_{26}]^{11-}$ fragments. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2756-2761.	2.9	20
103	Polyoxotungstate incorporating organotriphosphonate ligands and lanthanide ions: syntheses, characterization, magnetism and photoluminescence properties. <i>Dalton Transactions</i> , 2017, 46, 5856-5863.	3.3	20
104	A binuclear copper-substituted phosphomolybdate with reactive oxygen species catalytic ability and antimicrobial activity. <i>CrystEngComm</i> , 2019, 21, 394-398.	2.6	20
105	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> , 2021, 13, 8077-8086.	5.6	20
106	Luminescent Dimeric Oxalate-Bridged $\text{Eu}^{3+}/\text{Tb}^{3+}$ -Implanted Arsenotungstates: Tunable Emission, Energy Transfer, and Detection of Ba^{2+} Ion in Aqueous Solution. <i>Inorganic Chemistry</i> , 2022, 61, 3387-3395.	4.0	20
107	A Novel Organic-Inorganic Hybrid Based on Tungstoantimonate: Synthesis, Crystal Structure, and Properties of $\text{Na}[\{\text{Cu}(2,2\text{-bpy})(\text{H}_2\text{O})\}_2\{\text{Cu}(2,2\text{-bpy})_2(\text{B}_3\text{-SbW}_9\text{O}_{33})\}]\cdot 2\text{H}_2\text{O}$. <i>Chemistry Letters</i> , 2006, 35, 994-995.	3.3	19
108	Grafting transition metal-organophosphonate fragments onto heteropolyoxomolybdate: activity in photocatalysis. <i>Dalton Transactions</i> , 2015, 44, 17544-17550.	3.3	19

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109	A new organic-inorganic hybrid tetrameric polyoxometalate assembled by monovacant Dawson $[12-P2W17O61]10^-$ and trivalent cerium cations. <i>Inorganic Chemistry Communication</i> , 2016, 67, 103-106.	3.9	19
110	A Ni-containing decaniobate incorporating organic ligands: synthesis, structure, and catalysis for allylic alcohol epoxidation. <i>RSC Advances</i> , 2017, 7, 28696-28701.	3.6	19
111	Ligand-controlled formation of covalently modified antimoniomolybdates and their photochromic properties. <i>CrystEngComm</i> , 2017, 19, 207-213.	2.6	19
112	Novel Tungstovanadate Wells-Dawson Organic-Inorganic Heteropolyoxometalate Compound: Synthesis and Crystal Structure of $[Cu_2(2,2'-bipy)_2(Inic)_2(H_2O)_2][Y(Inic)_2(H_2O)_2]$ (Where 2,2'-bipy = 2,2'-Bipyridine, Inic = β -Picolinic Acid). <i>Crystal Growth and Design</i> , 2008, 8, 372-374.	3.0	18
113	Octamolybdate-supported tricarbonyl metal derivatives: $[H_2Mo_8O_{30}\{M(CO)_3\}_2]^{8-}$ (M = Mn and Re). <i>Dalton Transactions</i> , 2013, 42, 2696.	3.3	18
114	$\{Fe_3Nb_{25}\}$ cluster based on an Fe-centred Keggin unit. <i>Dalton Transactions</i> , 2017, 46, 1368-1371.	3.3	18
115	Synthesis, characterization, and photoluminescence properties of three two-dimensional lanthanide-containing Dawson-type polyoxometalates. <i>Dalton Transactions</i> , 2019, 48, 13850-13857.	3.3	18
116	Utilizing the adaptive precursor $[As_2W_{19}O_{67}(H_2O)]^{14-}$ to support three hexanuclear lanthanoid-based tungstoarsenate dimers. <i>Dalton Transactions</i> , 2019, 48, 2813-2821.	3.3	18
117	Two synthetic routes generate two isopolyoxoniobates based on $\{Nb_{16}\}$ and $\{Nb_{20}\}$. <i>Dalton Transactions</i> , 2019, 48, 17709-17712.	3.3	18
118	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.	2.0	17
119	A novel diniobium-inserted sandwich-type polyoxometalate $K_6H_3[Nb_2K(H_2O)_4(A-SiW_9O_{34})_2] \cdot 23H_2O$ constructed from two trivacant Keggin $[A-SiW_9O_{34}]10^-$ moieties linked via a V-shaped $\{Nb_2K\}$ group. <i>Inorganic Chemistry Communication</i> , 2012, 17, 75-78.	3.9	17
120	Beat over the Old Ground with New Strategy: Engineering As-As Interaction in Arsenite-Based Dawson Cluster $[W_{18}O_{54}(AsO_3)_2]^{6-}$. <i>Inorganic Chemistry</i> , 2014, 53, 2006-2011.	4.0	17
121	Organic-inorganic hybrid rare earth complexes based on polymolybdates with intrinsic photosensitive properties. <i>Dalton Transactions</i> , 2015, 44, 4679-4682.	3.3	17
122	Polyoxovanadate catalysts for oxidation of 1-phenyl ethanol: from the discrete $[V_4O_{12}]^{4-}$ and $[V_{10}O_{28}]^{6-}$ anions to the anionic $[V_6O_{17}]^{n-}$ coordination polymer. <i>CrystEngComm</i> , 2018, 20, 6273-6279.	2.6	17
123	Well-tuned white-light-emitting behaviours in multicenter-Ln polyoxometalate derivatives: A photoluminescence property and energy transfer pathway study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117294.	3.9	17
124	Sandwich-Type Heteropolyniobate Templated by Mixed Heteroanions. <i>Inorganic Chemistry</i> , 2020, 59, 7895-7899.	4.0	17
125	Recent advances in rare earth co-doped luminescent tungsten oxygen complexes. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4158-4176.	6.0	17
126	Trinuclear ruthenium core-containing polyoxometalate-based hybrids: preparation, characterization and catalytic behavior. <i>Dalton Transactions</i> , 2020, 49, 2895-2904.	3.3	17

#	ARTICLE	IF	CITATIONS
127	The first two-dimensional organic-inorganic hybrid constructed by oxalate-bridging scandium-substituted Keggin-type silicotungstate and [Cu(en) ₂] ²⁺ coordination cations. <i>Inorganic Chemistry Communication</i> , 2012, 20, 191-195.	3.9	16
128	Combination between [B ₁₂ -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, 364-367.	3.3	16
129	Bioinspired aerobic oxidation of alcohols with a bifunctional ligand based on bipyridine and TEMPO. <i>RSC Advances</i> , 2016, 6, 35008-35013.	3.6	16
130	Insight into the reactivity of in situ formed {(NbO ₂) ₃ SiW ₉ }: synthesis, structure, and solution properties of a trimeric polytungstosilicate trapping a {MnNb ₉ } core. <i>Dalton Transactions</i> , 2016, 45, 15236-15241.	3.3	16
131	The {Ni ₁₀ Nb ₃₂ } aggregate: a perspective on isopolyniobates as ligands. <i>Dalton Transactions</i> , 2016, 45, 16173-16176.	3.3	16
132	Polyoxometalate-supported metal carbonyl derivatives: from synthetic strategies to structural diversity and applications. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3041-3056.	6.0	16
133	Synthesis, characterization and catalytic epoxidation properties of a new tellurotungstate(scpiv)-supported rhenium carbonyl derivative. <i>Dalton Transactions</i> , 2019, 48, 628-634.	3.3	16
134	A silver-substituted phosphomolybdate prevents the growth of bacteria without affecting the balance of reactive oxygen species. <i>CrystEngComm</i> , 2020, 22, 7832-7837.	2.6	16
135	Synergistic Effect of Nickel Oxyhydroxide and Tungsten Carbide in Electrocatalytic Alcohol Oxidation. <i>Chemistry of Materials</i> , 2022, 34, 959-969.	6.7	16
136	Synthesis and crystal structure of a 1D chain polyoxometalate-based complex {[Cu(en) ₂ (H ₂ O)] ₂ {GeW ₁₂ O ₄₀ [CuII(en) ₂]} · 2.5H ₂ O} n. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1895-1901.	2.2	15
137	2-D and 3-D organic-inorganic hybrid lanthanide molybdates linking by pyridine-2,5-dicarboxylate. <i>CrystEngComm</i> , 2012, 14, 8677.	2.6	15
138	Manganese carbonyl derivatives based on Keggin- or Dawson-type polyoxoanions. <i>Journal of Molecular Structure</i> , 2012, 1019, 61-67.	3.6	15
139	A novel sandwich-type tungstoarsenate containing a cage-like {Ca ₆ } cluster with a water molecule enwrapped. <i>Dalton Transactions</i> , 2013, 42, 874-878.	3.3	15
140	A Series of Arsenotungstates Based on the [HAs ₂ W ₈ O ₃₁] ⁷⁻ Building Block: Syntheses by Control of the Reaction Process. <i>Crystal Growth and Design</i> , 2013, 13, 2982-2989.	3.0	15
141	Discovery and isolation of the trans-isomers of two 1:2-type lanthanide-containing monolacunary Dawson-type tungstophosphates: [LnIII(1/2-P ₂ W ₁₇ O ₆₁) ₂] ¹⁷⁻ (Ln = La, Ce). <i>Dalton Transactions</i> , 2017, 46, 5398-5405.	3.3	15
142	A Nanosized Glycyl-Decorated Praseodymium-Stabilized Selenotungstate Cluster: Synthesis, Structure, and Oxidation Catalysis. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2441-2446.	3.3	15
143	Pyrazine dicarboxylate-bridged arsenotungstate: synthesis, characterization, and catalytic activities in epoxidation of olefins and oxidation of alcohols. <i>Dalton Transactions</i> , 2019, 48, 12956-12963.	3.3	15
144	Construction of one Ru ₂ W ₁₂ -cluster and six lacunary Keggin tungstoarsenate leading to the larger Ru-containing polyoxometalate photocatalyst. <i>Chinese Chemical Letters</i> , 2022, 33, 4664-4668.	9.0	15

#	ARTICLE	IF	CITATIONS
145	A new organic-inorganic hybrid polyoxoniobate based on Lindqvist-type anion and nickel complex. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3753-3763.	2.2	14
146	A CO ₃ ²⁻ -containing, dimanganese-substituted silicotungstate trimer, K ₉ [H ₁₄ {SiW ₁₀ Mn ^{II} Mn ^{III} O ₃₈ } ₃](CO ₃) ₃ . <i>Dalton Transactions</i> , 2015, 44, 13469-13472.	3.3	14
147	Synthesis and characterization of a series of novel polyoxometalate-supported carbonyl manganese derivatives. <i>RSC Advances</i> , 2016, 6, 108335-108342.	3.6	14
148	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. <i>Dalton Transactions</i> , 2018, 47, 9677-9684.	3.3	14
149	Polyoxotungstate Cluster Species Connected by Glutamic Acid and Europium. <i>Inorganic Chemistry</i> , 2019, 58, 57-60.	4.0	14
150	Luminescent dimeric polyoxotungstate [Ho(C ₄ H ₂ O ₆)(±PW ₁₁ O ₃₉)] ₂ 16 ⁻ with magnetism and reversible photochromism. <i>Journal of Luminescence</i> , 2020, 217, 116760.	3.1	14
151	36-Nuclearity Organophosphonate-Functionalized Polyoxomolybdates: Synthesis, Characterization and Selective Catalytic Oxidation of Sulfides. <i>Chemistry - A European Journal</i> , 2020, 26, 14896-14902.	3.3	14
152	A 1D Helical Chain Heteropolyniobate Templated by AsO ₃ ³⁻ . <i>Inorganic Chemistry</i> , 2020, 59, 1967-1972.	4.0	14
153	Discovery of two Na ⁺ -centered Silverton-type polyoxometalates {NaM ₁₂ O ₄₂ } (M = Mo, W). <i>Chemical Communications</i> , 2021, 57, 2172-2175.	4.1	14
154	Synthesis, structure, and properties of a 1-D cerium based on monovacant Keggin-type polyoxotungstate. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2178-2185.	2.2	13
155	A nona-vacant Keggin-type tricarbonyl rhenium derivative {[PMo ₃ O ₁₆][Re(CO) ₃] ₄] ₅ and its catalytic performance for CO ₂ cycloaddition reactions. <i>RSC Advances</i> , 2015, 5, 69006-69009.	3.6	13
156	Synthesis and characterization of a Sb(v)-containing polyoxomolybdate serving as a catalyst for sulfoxidation. <i>Dalton Transactions</i> , 2018, 47, 8070-8077.	3.3	13
157	Magnetic field and dilution effects on the slow relaxation of {Er ₃ } triangle-based arsenotungstate single-molecule magnets. <i>Dalton Transactions</i> , 2020, 49, 12458-12465.	3.3	13
158	Oxyfunctionalization of Alkanes Based on a Tricobalt(II)-Substituted Dawson-Type Rhenium Carbonyl Derivative as Catalyst. <i>Inorganic Chemistry</i> , 2020, 59, 8690-8698.	4.0	13
159	Underappreciated Role of Low-Energy Facets in Nitrogen Electrorreduction. , 2021, 3, 327-330.	0.784314	13
160	Binuclear Ru(III)-Containing Polyoxometalate with Efficient Photocatalytic Activity for Oxidative Coupling of Amines to Imines. <i>Inorganic Chemistry</i> , 2022, 61, 2076-2085.	4.0	13
161	Synthesis and characterization of a new transition-metal complex of the Lindqvist polyanion Na[Cu(1, Tj ETQq1 1 0.784314, 13 BT /Over	2.2	12
162	Hydrothermal syntheses and crystal structures of two organic-inorganic hybrid molybdovanadates based on [V ₂ Mo ₆ (OH) ₂ O ₂₄] ⁴⁺ and [VMo ₁₂ O ₄₀] ³⁺ polyoxoanions. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3754-3762.	2.2	12

#	ARTICLE	IF	CITATIONS
163	Hydrothermal syntheses and structural characterization of two sandwich-type arsenotungstates. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2042-2055.	2.2	12
164	Lanthanide-containing peroxyisopolytungstate with tetrahedral WO_4^{2-} template core, $[Ln_4(WO_4)(H_2O)_{16}\{W_7O_{22}(O_2)_2\}_4]_{14}^{4-}$. <i>CrystEngComm</i> , 2013, 15, 4597.	2.6	12
165	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> , 2015, 138, 579-584.	3.9	12
166	Ni(III)-embedded polyoxovanadate: Synthesis, structure and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2016, 686, 1032-1036.	5.5	12
167	Assembly of niobium-phosphate cluster and in situ transition-metal-containing derivatives. <i>CrystEngComm</i> , 2017, 19, 2768-2774.	2.6	12
168	Heterooctamolybdate-Based Clusters $H_3[(Cp^*Rh)_4PMo_8O_{32}]$ and $H_5[Na_2(Cp^*Ir)_4PMo_8O_{34}]$ and Derived Hybrid Nanomaterials with Efficient Electrocatalytic Hydrogen Evolution Reaction Activity. <i>Inorganic Chemistry</i> , 2017, 56, 12520-12528.	4.0	12
169	Syntheses, characterization and magnetic properties of two novel inorganic-organic tungstoferrites, $[Fe^{III}_4(H_2O)_2(B^{\pm}Fe^{III}W_9O_{34})_2]_{10}^{4-}$. <i>Journal of Solid State Chemistry</i> , 2013, 198, 18-23.	2.9	11
170	Self-assembly of two ring-shaped hexanuclear Mo(VI) clusters. <i>CrystEngComm</i> , 2013, 15, 5452.	2.6	11
171	Synthesis, crystal structure and characterization of trivalent-Keggin-polyoxometalate-based carbonyl manganese derivative. <i>Inorganic Chemistry Communication</i> , 2015, 56, 45-47.	3.9	11
172	Synthesis, structure, and photocatalytic hydrogen evolution of a trimeric Nb/W addendum cluster. <i>RSC Advances</i> , 2017, 7, 36416-36420.	3.6	11
173	Immobilization of carbonyl rhenium tripods on the surface of a trinickel-substituted Dawson-type polyoxotungstate. <i>Dalton Transactions</i> , 2018, 47, 6288-6292.	3.3	11
174	Synthesis, characterization and catalytic oxidation of organosilanes with a novel multilayer polyoxomolybdate containing mixed-valence antimony. <i>Molecular Catalysis</i> , 2018, 452, 167-174.	2.0	11
175	A Novel Ruthenium-Decorating Polyoxomolybdate $Cs_3Na_6H[Mo^{VI}_4Ru^{IV}_2O_{50}(OH)_2] \cdot 24H_2O$: An Active Heterogeneous Oxidation Catalyst for Alcohols. <i>Materials</i> , 2018, 11, 178.	2.9	11
176	Assembly of two hybrid organic-inorganic hexatantalate. <i>Inorganic Chemistry Communication</i> , 2019, 101, 6-10.	3.9	11
177	Polyoxomolybdates as efficient catalysts for Knoevenagel condensation reaction of benzaldehyde and ethyl cyanoacetate under mild condition. <i>Journal of Materials Science</i> , 2021, 56, 4654-4665.	3.7	11
178	Two novel telluronibates with efficient catalytic activity for the imidation/amidation reaction. <i>Chemical Communications</i> , 2022, 58, 1167-1170.	4.1	11
179	Hydrothermal synthesis and crystal structure of a novel compound supported by β -Keggin units $[Cu_2(2,2\text{-bipy})_2]\{WVO_{40}[Cu_2(2,2\text{-bipy})_2]\} \cdot 2H_2O$. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1007-1014.	2.2	10
180	A monovacant heteropolytungstate-incorporated trimeric carbonyl rhenium cluster, $[(AsW_{11}O_{39})\{Re(CO)_3\}_3(\frac{1}{4}OH)(\frac{1}{4}OH)]_{10}^{6-}$ synthesis, structure and catalytic properties. <i>RSC Advances</i> , 2014, 4, 28848-28851.		

#	ARTICLE	IF	CITATIONS
181	Controlled assembly of hybrid architectures based on carboxylic acid ligands and [(O3PCH2PO3)Mo6O22]12 ⁻ . RSC Advances, 2015, 5, 31392-31398.	3.6	10
182	A new dimeric polyoxometalate derivate assembled by divacant Dawson {P2W16} units and isosceles triangle {Ce3} cluster. Inorganic Chemistry Communication, 2018, 95, 154-157.	3.9	10
183	Construction of a new binding manner in carboxylic acid-functionalized phosphomolybdates. Dalton Transactions, 2018, 47, 7949-7955.	3.3	10
184	Organometallic functionalized non-classical polyoxometalates: synthesis, characterization and electrochemical properties. Dalton Transactions, 2018, 47, 9317-9323.	3.3	10
185	Selectivity-tunable amine aerobic oxidation catalysed by metal-free N,O-doped carbons. Chemical Communications, 2019, 55, 12251-12254.	4.1	10
186	Versatile {Cp₂Ti} Grafted Hetero-Polyoxotungstate Clusters: Synthesis, Crystal Structure, and Photocurrent Properties. Inorganic Chemistry, 2020, 59, 1125-1136.	4.0	10
187	Organophosphonate-Functionalized Telluromolybdate Containing a [TeMo₁₀O₃₇]¹⁰- Building Block and Its Catalytic Efficiency for Knoevenagel Condensation. Inorganic Chemistry, 2021, 60, 14872-14879.	4.0	10
188	Synthesis, structure and properties of three novel transition-metal-containing tantalum-phosphate clusters. Chinese Chemical Letters, 2022, 33, 4675-4678.	9.0	10
189	Hydrothermal syntheses and structural characterization of two organicâ€“inorganic hybrid compounds based on Lindqvist polyanions. Journal of Coordination Chemistry, 2009, 62, 3117-3125.	2.2	9
190	A Novel Organicâ€“Inorganic Hybrid Polyoxoniobate Constructed from {[Cu(en)(H2O)][HNb6O19]}5 ⁺ Polyoxoanions and Methane-like {K4Na}5 ⁺ Cations. Journal of Cluster Science, 2010, 21, 121-131.	3.3	9
191	Syntheses, crystal structures, and magnetic properties of the banana-shaped tungstophosphates: [M₆(H₂O)₂(PW₉O₃₄)₂(PW₆O₂₆)] ₂ (M^{II}=Ni^{II}, Co^{II}). Journal of Coordination Chemistry, 2012, 65, 3363-3371.	2.2	9
192	An organicâ€“inorganic hybrid Dy(III)-containing polyoxomolybdate based on functionalized diphosphonate ligands. Inorganic Chemistry Communication, 2013, 35, 5-8.	3.9	9
193	Four Members of the Sandwich-Type Polytungstophosphate Family Based on Pentalacunary [HPW7O28]8-Building Blocks. European Journal of Inorganic Chemistry, 2013, 2013, 1672-1680.	2.0	9
194	Four transition-metal-bridging risedronate-based polyoxomolybdates: Syntheses, structures, characterizations and magnetic properties. Synthetic Metals, 2017, 223, 19-25.	3.9	9
195	Synthesis, characterization and catalytic epoxidation properties of lanthanide-stabilized peroxyisopolytungstates. Dalton Transactions, 2017, 46, 12981-12987.	3.3	9
196	Two New Sandwich-Type Polyoxomolybdates Functionalized with Diphosphonates: Efficient and Selective Oxidation of Sulfides to Sulfones. Materials, 2017, 10, 1173.	2.9	9
197	A novel peroxopolyoxoniobate incorporating mixed heteroatoms: [P₂Se₂Nb₆(O₂)₆O₂₂]⁸. Dalton Transactions, 2019, 48, 13135-13138.	3.3	9
198	Effect of Mo Species on the Selective Oxidation of <i>n</i> -Butane to Maleic Anhydride over Moâ€“Promoted VPP. ChemistrySelect, 2019, 4, 662-669.	1.5	9

#	ARTICLE	IF	CITATIONS
199	Shape-control of CeF ₃ nanocrystals by doping polyoxometalates: syntheses, characterization and tunable photoluminescence. <i>Chemical Communications</i> , 2019, 55, 1619-1622.	4.1	9
200	Preparation, characterization and electrocatalysis performance of a trimeric ruthenium-substituted isopolytungstate. <i>Dalton Transactions</i> , 2019, 48, 10327-10336.	3.3	9
201	Cobalt- and Nickel-Containing Germanotungstates Based on Open Wells "Dawson Structure: Synthesis and Characterization of Tetrameric Anion. <i>Inorganic Chemistry</i> , 2019, 58, 6000-6007.	4.0	9
202	H-shaped oxalate-bridging lanthanoid-incorporated arsenotungstates. <i>Dalton Transactions</i> , 2020, 49, 15731-15738.	3.3	9
203	A large molecular cluster with high proton release capacity. <i>Chemical Communications</i> , 2020, 56, 12849-12852.	4.1	9
204	Unraveling the Effects of Cobalt on Crystal Growth and Solution Behavior of Nb ₆ P ₂ W ₁₂ -based Dimeric Clusters. <i>Inorganic Chemistry</i> , 2020, 59, 6747-6754.	4.0	9
205	Controlled Assembly of Ru-Containing Polyoxometalates for Photocatalytic Activity of the Primary Amine Coupling Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 9935-9945.	4.0	9
206	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> , 2006, 49, 437-444.	0.8	8
207	A new 3D polyoxometalate based on saturated Wells "Dawson polyanions and calcium cations. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3651-3658.	2.2	8
208	Polyoxotungstate clusters: syntheses, characterization, and crystal structures of [Cu ₁₁ (1,3-dap) ₂] ₂ [Cu ₁₁ (1,3-dap) ₂]2H[±-PW _{10.5} O ₄₀] and [Cu ₁₁ (phen) ₂] ₃ [±-PW ₁₂ O ₄₀]. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1463-1472.	2.2	8
209	Photochromic behavior of a new polyoxomolybdate/alkylamine composite in solid state. <i>Journal of Materials Science</i> , 2018, 53, 3078-3086.	3.7	8
210	Polyoxotungstates incorporated organophosphonate and nickel: synthesis, characterization and efficient catalysis for epoxidation of allylic alcohols. <i>Dalton Transactions</i> , 2018, 47, 13479-13486.	3.3	8
211	Selenotungstates incorporating organophosphonate ligands and metal ions: synthesis, characterization, magnetism and catalytic efficiency in the Knoevenagel condensation reaction. <i>Dalton Transactions</i> , 2020, 49, 7420-7425.	3.3	8
212	Synthesis, structures and stability of three V-substituted polyoxoniobate clusters based on [TeNb ₉ O ₃₃] ^{17±} units. <i>Dalton Transactions</i> , 2021, 50, 7610-7620.	3.3	8
213	A Rh-substituted polyoxometalate with an acetate-modified building block {As ₂ W ₂₂ O ₇₆ (CH ₃ COO) ₂ }. <i>Chemical Communications</i> , 2021, 57, 10250-10253.	4.1	8
214	Oxalate-bridging Nd ^{III} -based arsenotungstate with multifunctional NIR-luminescence and magnetic properties. <i>Dalton Transactions</i> , 2022, 51, 10257-10265.	3.3	8
215	An organic-inorganic hybrid polyoxometalate based on the dodecatungstate building block: [Ni(phen)(H ₂ O) ₃] ₂ [Ni(H ₂ O) ₅] ₂ [H ₂ W ₁₂ O ₄₀]. <i>Journal of Coordination Chemistry</i> , 2008, 61, 192-201.		
216	Hydrothermal synthesis and crystal structure of a tungstovanadate: [4,4'-bipyH ₂][4,4'-bipyH] ₂ [VW ₁₂ O ₄₀] · 4,4'-bipy · 7.5H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 403-406.		7

#	ARTICLE	IF	CITATIONS
217	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> , 2009, 62, 2641-2647.	2.2	7
218	Hydrothermal synthesis and structural characterization of two inorganic-organic composite sandwich-type tungstogermanates. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3599-3605.	2.2	7
219	Four di-CuII-substituted sandwich-type germanomolybdates obtained under different reaction conditions: from zero-dimensional to two-dimensional structure. <i>Dalton Transactions</i> , 2012, 41, 5235.	3.3	7
220	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> , 2013, 24, 689-700.	3.3	7
221	pH-dependent assembly of saturated to dilacunary Keggin-based silicotungstate: $[Cu(en)_2(H_2O)]_2[H_2(en)]_3[SiW_{10}O_{36}][Cu(en)_2(H_2O)]_2$. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1330-1339.	3.3	7
222	Polyoxomolybdates functionalized by a flexible carboxylic acid and their photochromic properties. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 110, 161-166.	4.0	7
223	Synthesis, structure, and luminescent properties of a family of lanthanide-functionalized peroxoniobiophosphates. <i>Scientific Reports</i> , 2017, 7, 10653.	3.3	7
224	Two New Tetravacant Organometallic Keggin-Type Heteropolyoxomolybdates-Supported Manganese Carbonyl Derivatives. <i>Molecules</i> , 2017, 22, 1351.	3.8	7
225	Cu-catalyzed Aerobic Oxidation of Alcohols with a Multi-Functional NMI-TEMPO. <i>ChemistrySelect</i> , 2018, 3, 3386-3390.	1.5	7
226	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> , 2022, 61, 4056-4061.	4.0	7
227	Enhanced Electrochemical O_2 to H_2O_2 Synthesis Via Cu-Pb Synergistic Interplay. <i>Small</i> , 2022, 18, e2106534.	10.0	7
228	Synthesis, crystal structure and properties of a new organic-inorganic hybrid Dawson-like polyoxotungstate $[Co(2,2\text{-bipy})_3]_2[Co(2,2\text{-bipy})_2Cl][Co(2,2\text{-bipy})_2]_2H_2[SbW_{18}O_{60}] \cdot 4H_2O$. <i>Science in China Series B: Chemistry</i> , 2007, 50, 784-789.	3.8	6
229	Synthesis and Structural Characterization of a New Two-dimensional Organic-Inorganic Hybrid Molybdoarsenate: $[Cu(en)_2]_2[(CuO)_6Mo_6O_{18}(As_3O_3)_2]$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 163-167.	0.7	6
230	Syntheses, structures, and properties of two new hybrid Dawson-based polyoxotungstates $[Mn(2,2\text{-bipy})_3]_2H_2$ and $[Mn(2,2\text{-bipy})_2][PW_{18}O_{62}]$. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1844-1855.	2.2	6
231	A new 1-D chain-like organic-inorganic hybrid phosphotungstate constructed by sandwich-type clusters and $[Ni(en)_2]^{2+}$ linkers. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2497-2505.	2.2	6
232	Designing a new organic-inorganic arsenomolybdate by modification of traditional Keggin-type building fragment. <i>Journal of Coordination Chemistry</i> , 2013, 66, 725-736.	2.2	6
233	Synthesis and characterization of organotriphosphonate-functionalized TM-containing polyoxotungstates. <i>RSC Advances</i> , 2015, 5, 106077-106082.	3.6	6
234	A series of organic-inorganic hybrid silicotungstate microtubes: Tunable syntheses and spectroscopic properties. <i>Materials Chemistry and Physics</i> , 2018, 207, 186-193.	4.0	6

#	ARTICLE	IF	CITATIONS
235	Synthesis and spectroscopic properties of silver-fluorescein co-doped phosphotungstate hollow spheres. Dalton Transactions, 2018, 47, 7730-7738.	3.3	6
236	Synthesis and Mechanism Studies of a High-Nuclear Mn ₇₂ W ₄₈ Cluster. Inorganic Chemistry, 2020, 59, 13733-13740.	4.0	6
237	Discovery of the selenotantalate building block and its lanthanide derivatives: design, synthesis, and RhB decolorization properties. Dalton Transactions, 2020, 49, 4078-4083.	3.3	6
238	Ultrafine Co ₆ W ₆ C as an efficient anode catalyst for direct hydrazine fuel cells. Chemical Communications, 2021, 57, 10415-10418.	4.1	6
239	Assembly of a Hexameric Cluster of Polyoxomolybdotriphosphonate Builds from [Zn(H ₂ O){TeMo ₆ O ₂₁ }N(CH ₂ PO ₃) ₃] ₆ and Its Optical and Catalytic Properties. Inorganic Chemistry, 2021, 60, 15759-15767.		
240	Synthesis, Crystal Structure and Properties of Novel Composite Complex: [La(Nmp) ₄ (H ₂ O) ₄][HsiMo ₁₂ O ₄₀] ₂ ·2nmp·2H ₂ O. Journal of Coordination Chemistry, 2003, 56, 1003-1012.	2.2	5
241	Hydrothermal synthesis and crystal structure of a novel Metatungstate [Cu ₂ (2,2'-bipy) ₃] ₂ H ₂ [H ₂ W ₁₂ O ₄₀] ₄ ·4.5H ₂ O. Journal of Coordination Chemistry, 2004, 57, 411-416.	2.2	5
242	Synthesis and characterization of a coplanar-shaped hexa-CuII sandwiched arsenotungstate. Journal of Coordination Chemistry, 2012, 65, 1740-1749.	2.2	5
243	Ln(III)-Containing polyoxomolybdates based on [Mo ₈ O ₂₈]: microwave synthesis and optical and magnetic properties. CrystEngComm, 2019, 21, 3627-3633.	2.6	5
244	Ru(III)-based polyoxometalate tetramers as highly efficient heterogeneous catalysts for alcohol oxidation reactions at room temperature. Dalton Transactions, 2021, 50, 12664-12673.	3.3	5
245	Synthesis, structure and properties of rare earth substituted germanotungstates: Pr/[La]-GeW ₁₁ O ₃₉ . Journal of Coordination Chemistry, 2008, 61, 3467-3475.	2.2	4
246	Structure and magnetic property of a cubane-type Ni-substituted polyoxotungstate based on trivacant Dawson-type unit. Inorganic Chemistry Communication, 2016, 68, 72-75.	3.9	4
247	A comprehensive approach providing a new synthetic route for bimetallic electrocatalysts <i>via</i> isoPOMs [M/Rh(Cp) ₄ W ₈ O ₃₂] (M = Rh (1) and Ir (2)). Dalton Transactions, 2018, 47, 13870-13879.	3.3	4
248	A large copper-niobate cluster with the pagoda-shaped subunit {Nb ₂₀ O ₅₉ }. Chemical Communications, 2021, 57, 3999-4002.	4.1	4
249	Lacunary {Se ₄ V ₁₀ } Heteropolyoxovanadate Precursor with Monometal, Metal-Richer-Sandwiched Derivatives {Se ₈ V ₂₀ M} and {Se ₈ V ₂₀ M ₃ }: Correlations between the Synthesis, Structure, and Catalytic Property. Inorganic Chemistry, 2021, 60, 2888-2892.	4.0	4
250	Organic-inorganic one-dimensional hybrid aggregates constructed from aromatic-bisphosphonate-functionalized polyoxomolybdates. Dalton Transactions, 2022, , .	3.3	4
251	Synthesis and Crystal Structure of K ₆ .5H ₄ .5[CeK ₂ (SiW ₁₁ O ₃₉) ₂] ₂ ·26H ₂ O. Journal of Coordination Chemistry, 2003, 56, 895-901.	2.2	3
252	Synthesis, crystal structure and properties of a new complex constructed from coordinated Dy(III) unit and the polyanion [SiMo ₁₂ O ₄₀] ₄ ⁴⁻ : [Dy(NMP) ₄ (H ₂ O) ₃][SiMo ₁₂ O ₄₀] ₂ ·2NMP. Journal of Coordination Chemistry, 2004, 57, 33-40.	2.2	3

#	ARTICLE	IF	CITATIONS
253	Magnetic Properties of Tetra-Transition-Metal Substituted Weakley-Type Germanotungstates. <i>Journal of Cluster Science</i> , 2009, 20, 671-681.	3.3	3
254	Construction of organic-inorganic hybrid molybdophosphonate clusters with copper-bipyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 484-489.	3.9	3
255	A new phosphotungstate-supported rhenium carbonyl derivative: synthesis, characterization and catalytic selective oxidation of thiophenes. <i>CrystEngComm</i> , 2019, 21, 7322-7328.	2.6	3
256	A 3D Silverton-Type Polyoxomolybdate Based on {PrMo ₁₂ O ₄₂ }: Synthesis, Structure, Photoluminescence and Magnetic Properties. <i>Frontiers in Chemistry</i> , 2021, 9, 615595.	3.6	3
257	Discovery of Kinetic Effect in a Valence Tautomeric Cobalt-Dioxolene Complex. <i>Inorganic Chemistry</i> , 2022, 61, 4240-4245.	4.0	3
258	Synthesis, crystal structure and properties of a neodymium(III) coordination polymer of 1D chain structure based on typical planary Keggin cluster. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1261-1270.	2.2	2
259	Two Magnetic 2D Inorganic-Organic Hybrid Framework Materials Constructed by Phosphotungstates. <i>Journal of Cluster Science</i> , 2017, 28, 1761-1771.	3.3	2
260	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.	2.0	2
261	An unprecedented [Fe ₅ O ₅ (OH) ₂ (OAc) ₂] ₂ {W ₂ O ₂ (OH)} cluster sandwiched in the tetravacant tungstophosphate. <i>Dalton Transactions</i> , 2019, 48, 16857-16860.	3.3	2
262	Synthesis, structure and catalytic study of a new sandwiched-type vanadoselenite. <i>Inorganic Chemistry Communication</i> , 2021, 124, 108407.	3.9	2
263	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.	2.2	1
264	A three-dimensional heterocluster containing manganese clusters and hexanuclear sodium wheels. <i>CrystEngComm</i> , 2007, 9, 740.	2.6	1
265	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.	1.3	1
266	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- μ -PW ₉ O ₃₄) ₂]·4H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1075-1079.	1.3	0
267	Synthesis and characterization of an octanuclear nickel(II) polyoxometalate cluster. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2383-2390.	2.2	0
268	Defect-Rich Core-Shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines. <i>ChemistrySelect</i> , 2021, 6, 5961-5966.	1.5	0