

# Jingyang Niu

## List of Publications by Year in descending order

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docs citations

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times ranked

3298  
citing authors

#	ARTICLE	IF	CITATIONS
1	dl-Serine covalently modified multinuclear lanthanide-implanted arsenotungstates with fast photochromism. Chinese Chemical Letters, 2023, 34, 107238.	9.0	27
2	Construction of one Ru <sub>2</sub> W <sub>12</sub> -cluster and six lacunary Keggin tungstoarsenate leading to the larger Ru-containing polyoxometalate photocatalyst. Chinese Chemical Letters, 2022, 33, 4664-4668.	9.0	15
3	Two novel telluroniobates with efficient catalytic activity for the imidation/amidation reaction. Chemical Communications, 2022, 58, 1167-1170.	4.1	11
4	Synthesis, structure and properties of three novel transition-metal-containing tantalum-phosphate clusters. Chinese Chemical Letters, 2022, 33, 4675-4678.	9.0	10
5	Binuclear Ru(III)-Containing Polyoxometalate with Efficient Photocatalytic Activity for Oxidative Coupling of Amines to Imines. Inorganic Chemistry, 2022, 61, 2076-2085.	4.0	13
6	Synergistic Effect of Nickel Oxyhydroxide and Tungsten Carbide in Electrocatalytic Alcohol Oxidation. Chemistry of Materials, 2022, 34, 959-969.	6.7	16
7	Organic-inorganic one-dimensional hybrid aggregates constructed from aromatic-bisphosphonate-functionalized polyoxomolybdates. Dalton Transactions, 2022, , .	3.3	4
8	Copper-Containing Polyoxometalate-Based Metal-Organic Framework as a Catalyst for the Oxidation of Silanes: Effective Cooperative Catalysis by Metal Sites and POM Precursor. Inorganic Chemistry, 2022, 61, 4056-4061.	4.0	7
9	Luminescent Dimeric Oxalate-Bridged Eu <sup>3+</sup> /Tb <sup>3+</sup> -Implanted Arsenotungstates: Tunable Emission, Energy Transfer, and Detection of Ba <sup>2+</sup> Ion in Aqueous Solution. Inorganic Chemistry, 2022, 61, 3387-3395.	4.0	20
10	Enhanced Electrochemical O <sub>2</sub> to CH <sub>2</sub> O <sub>2</sub> Synthesis Via Cu-Pb Synergistic Interplay. Small, 2022, 18, e2106534.	10.0	7
11	Discovery of Kinetic Effect in a Valence Tautomeric Cobalt-Dioxolene Complex. Inorganic Chemistry, 2022, 61, 4240-4245.	4.0	3
12	Oxalate-bridging Nd <sup>III</sup> -based arsenotungstate with multifunctional NIR-luminescence and magnetic properties. Dalton Transactions, 2022, 51, 10257-10265.	3.3	8
13	Controlled Assembly of Ru-Containing Polyoxometalates for Photocatalytic Activity of the Primary Amine Coupling Reaction. Inorganic Chemistry, 2022, 61, 9935-9945.	4.0	9
14	Enhanced Carrier Separation in Visible-Light-Responsive Polyoxometalate-Based Metal-Organic Frameworks for Highly Efficient Oxidative Coupling of Amines. ACS Applied Materials & Interfaces, 2022, 14, 27882-27890.	8.0	29
15	Polyoxomolybdates as efficient catalysts for Knoevenagel condensation reaction of benzaldehyde and ethyl cyanoacetate under mild condition. Journal of Materials Science, 2021, 56, 4654-4665.	3.7	11
16	A Polyoxometalate-Based Inorganic Porous Material with both Proton and Electron Conductivity by Light Actuation: Photocatalysis for Baeyer-Villiger Oxidation and Cr(VI) Reduction. Inorganic Chemistry, 2021, 60, 682-691.	4.0	32
17	Synthesis, structures and stability of three V-substituted polyoxoniobate clusters based on [TeNb <sub>9</sub> O <sub>33</sub> ] <sup>17-</sup> units. Dalton Transactions, 2021, 50, 7610-7620.	3.3	8
18	A Rh-substituted polyoxometalate with an acetate-modified building block {As <sub>2</sub> W <sub>22</sub> O <sub>76</sub> (CH <sub>3</sub> COO) <sub>2</sub> }. Chemical Communications, 2021, 57, 10250-10253.	4.1	8

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19	Ru( $\mu_3$ )-based polyoxometalate tetramers as highly efficient heterogeneous catalysts for alcohol oxidation reactions at room temperature. <i>Dalton Transactions</i> , 2021, 50, 12664-12673.	3.3	5
20	A large copper-niobate cluster with the pagoda-shaped subunit $\{Nb_{20}O_{59}\}$ . <i>Chemical Communications</i> , 2021, 57, 3999-4002.	4.1	4
21	Recent advances in rare earth co-doped luminescent tungsten oxygen complexes. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4158-4176.	6.0	17
22	Synthesis, structure and catalytic study of a new sandwiched-type vanadoselenite. <i>Inorganic Chemistry Communication</i> , 2021, 124, 108407.	3.9	2
23	Underappreciated Role of Low-Energy Facets in Nitrogen Electroreduction. , 2021, 3, 327-330.		13
24	Lacunary $\{Se_4V_{10}\}$ Heteropolyoxovanadate Precursor with Monometal, Metal-Richer-Sandwiched Derivatives $\{Se_8V_{20}M\}$ and $\{Se_8V_{20}M_3\}$ : Correlations between the Synthesis, Structure, and Catalytic Property. <i>Inorganic Chemistry</i> , 2021, 60, 2888-2892.	4.0	4
25	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
26	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
27	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
28	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
29	Defect-Rich Core-Shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines. <i>ChemistrySelect</i> , 2021, 6, 5961-5966.	1.5	0
30	Organophosphonate-Functionalized Telluromolybdate Containing a $[TeMo_{10}O_{37}]^{10-}$ Building Block and Its Catalytic Efficiency for Knoevenagel Condensation. <i>Inorganic Chemistry</i> , 2021, 60, 14872-14879.	4.0	10
31	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
32	Ultrafine $Co_6W_6C$ as an efficient anode catalyst for direct hydrazine fuel cells. <i>Chemical Communications</i> , 2021, 57, 10415-10418.	4.1	6
33	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
34	Assembly of a Hexameric Cluster of Polyoxomolybdotriphosphonate Built from $[Zn(H_2O)_2]\{TeMo_6O_{21}\}\{N(CH_2PO_3)_3\}_3$ Subunits and Its Optical and Catalytic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 15759-15767.	4.0	6
35	Luminescent dimeric polyoxotungstate $[Ho(C_4H_2O_6)(\pm-PW_{11}O_{39})]^{21-}$ with magnetism and reversible photochromism. <i>Journal of Luminescence</i> , 2020, 217, 116760.	3.1	14
36	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

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37	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> , 2020, 12, 2199-2206.	8.0	66
38	Versatile $\{Cp_2Ti\}$ Grafted Hetero-Polyoxotungstate Clusters: Synthesis, Crystal Structure, and Photocurrent Properties. <i>Inorganic Chemistry</i> , 2020, 59, 1125-1136.	4.0	10
39	H-shaped oxalate-bridging lanthanoid-incorporated arsenotungstates. <i>Dalton Transactions</i> , 2020, 49, 15731-15738.	3.3	9
40	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
41	Synthesis and characterization of an octanuclear nickel(II) polyoxometalate cluster. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2383-2390.	2.2	0
42	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
43	Synthesis and Mechanism Studies of a High-Nuclear $Mn_{72}W_{48}$ Cluster. <i>Inorganic Chemistry</i> , 2020, 59, 13733-13740.	4.0	6
44	A large molecular cluster with high proton release capacity. <i>Chemical Communications</i> , 2020, 56, 12849-12852.	4.1	9
45	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
46	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
47	$36\text{-}N$ uclearity Organophosphonate-Functionalized Polyoxomolybdates: Synthesis, Characterization and Selective Catalytic Oxidation of Sulfides. <i>Chemistry - A European Journal</i> , 2020, 26, 14896-14902.	3.3	14
48	Sandwich-Type Heteropolyniobate Templated by Mixed Heteroanions. <i>Inorganic Chemistry</i> , 2020, 59, 7895-7899.	4.0	17
49	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
50	Unraveling the Effects of Cobalt on Crystal Growth and Solution Behavior of $Nb_6P_2W_{12}$ -based Dimeric Clusters. <i>Inorganic Chemistry</i> , 2020, 59, 6747-6754.	4.0	9
51	Discovery of the selenotantalate building block and its lanthanide derivatives: design, synthesis, and RhB decolorization properties. <i>Dalton Transactions</i> , 2020, 49, 4078-4083.	3.3	6
52	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
53	A 1D Helical Chain Heteropolyniobate Templated by $AsO_3^{3-}$ . <i>Inorganic Chemistry</i> , 2020, 59, 1967-1972.	4.0	14
54	Trinuclear ruthenium core-containing polyoxometalate-based hybrids: preparation, characterization and catalytic behavior. <i>Dalton Transactions</i> , 2020, 49, 2895-2904.	3.3	17

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55	A Nonclassical Polyoxoanion [P <sub>3</sub> W <sub>6</sub> (O <sub>2</sub> ) <sub>6</sub> (OH) <sub>2</sub> O <sub>22</sub> ] <sup>7-</sup> Constructed by Two {PW <sub>3</sub> (O <sub>2</sub> ) <sub>3</sub> (OH)O <sub>9</sub> } Subunits and a {PO <sub>4</sub> } Group. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 523-528.	2.0	2
56	A novel peroxopolyoxoniobate incorporating mixed heteroatoms: [P <sub>2</sub> Se <sub>2</sub> Nb <sub>6</sub> (O <sub>2</sub> ) <sub>6</sub> O <sub>22</sub> ] <sup>8-</sup> . <i>Dalton Transactions</i> , 2019, 48, 13135-13138.	3.3	9
57	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
58	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
59	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
60	Efficient Olefins Epoxidation on Ultrafine H <sub>2</sub> O <sub>2</sub> -WO <sub>x</sub> Nanoparticles with Spectroscopic Evidence of Intermediate Species. <i>ACS Catalysis</i> , 2019, 9, 7641-7650.	11.2	28
61	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
62	A binuclear copper-substituted phosphomolybdate with reactive oxygen species catalytic ability and antimicrobial activity. <i>CrystEngComm</i> , 2019, 21, 394-398.	2.6	20
63	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
64	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
65	Assembly of Lanthanide-Containing Polyoxotantalate Clusters with Efficient Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2019, 58, 13030-13036.	4.0	30
66	Selectivity-tunable amine aerobic oxidation catalysed by metal-free N,O-doped carbons. <i>Chemical Communications</i> , 2019, 55, 12251-12254.	4.1	10
67	Synthesis, characterization and catalytic epoxidation properties of a new tellurotungstate(IV)-supported rhenium carbonyl derivative. <i>Dalton Transactions</i> , 2019, 48, 628-634.	3.3	16
68	Effect of Mo Species on the Selective Oxidation of n-Butane to Maleic Anhydride over Mo-Promoted VPP. <i>ChemistrySelect</i> , 2019, 4, 662-669.	1.5	9
69	Shape-control of CeF <sub>3</sub> nanocrystals by doping polyoxometalates: syntheses, characterization and tunable photoluminescence. <i>Chemical Communications</i> , 2019, 55, 1619-1622.	4.1	9
70	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
71	Preparation, characterization and electrocatalysis performance of a trimeric ruthenium-substituted isopolytungstate. <i>Dalton Transactions</i> , 2019, 48, 10327-10336.	3.3	9
72	Recent advances in transition-metal-containing Keggin-type polyoxometalate-based coordination polymers. <i>Coordination Chemistry Reviews</i> , 2019, 392, 49-80.	18.8	133

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73	Cobalt- and Nickel-Containing Germanotungstates Based on Open Wellsâ€ˆDawson Structure: Synthesis and Characterization of Tetrameric Anion. <i>Inorganic Chemistry</i> , 2019, 58, 6000-6007.	4.0	9
74	Ln(iii)-Containing polyoxomolybdates based on $\text{Î}^2\text{-}\{\text{Mo}_8\text{O}_{28}\}$ : microwave synthesis and optical and magnetic properties. <i>CrystEngComm</i> , 2019, 21, 3627-3633.	2.6	5
75	A Stable Polyoxometalate-Based Metalâ€ˆOrganic Framework as Highly Efficient Heterogeneous Catalyst for Oxidation of Alcohols. <i>Inorganic Chemistry</i> , 2019, 58, 4945-4953.	4.0	59
76	Utilizing the adaptive precursor $[\text{As}_{20}\text{W}_{19}\text{O}_{67}(\text{H}_2\text{O})_{14}]^{14-}$ to support three hexanuclear lanthanoid-based tungstoarsenate dimers. <i>Dalton Transactions</i> , 2019, 48, 2813-2821.	3.3	18
77	Aerobic oxidative cleavage of 1,2-diols catalyzed by atomic-scale cobalt-based heterogeneous catalyst. <i>Communications Chemistry</i> , 2019, 2, .	4.5	45
78	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
79	An unprecedented $[\{\text{Fe}_5\text{O}_5(\text{OH})_2(\text{OAc})_2\}_2\{\text{W}_2\text{O}_2(\text{OH})\}]$ cluster sandwiched in the tetravacant tungstophosphate. <i>Dalton Transactions</i> , 2019, 48, 16857-16860.	3.3	2
80	Two synthetic routes generate two isopolyoxoniobates based on $\{\text{Nb}_{16}\}$ and $\{\text{Nb}_{20}\}$ . <i>Dalton Transactions</i> , 2019, 48, 17709-17712.	3.3	18
81	Polyoxotungstate Cluster Species Connected by Glutamic Acid and Europium. <i>Inorganic Chemistry</i> , 2019, 58, 57-60.	4.0	14
82	Two Novel Heteropolyniobates Using $\text{TeO}_3^{2-}$ as Template and Linker. <i>Inorganic Chemistry</i> , 2019, 58, 27-30.	4.0	23
83	Assembly of two hybrid organic-inorganic hexatantalate. <i>Inorganic Chemistry Communication</i> , 2019, 101, 6-10.	3.9	11
84	Carboxylate covalently modified polyoxometalates: From synthesis, structural diversity to applications. <i>Coordination Chemistry Reviews</i> , 2019, 378, 281-309.	18.8	205
85	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
86	Cuâ€ˆCatalyzed Aerobic Oxidation of Alcohols with a Multiâ€ˆFunctional NMIâ€ˆTEMPO. <i>ChemistrySelect</i> , 2018, 3, 3386-3390.	1.5	7
87	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
88	A helical chain-like organicâ€ˆinorganic hybrid arsenotungstate with color-tunable photoluminescence. <i>Dalton Transactions</i> , 2018, 47, 1958-1965.	3.3	40
89	Organophosphonate-Functionalized Lanthanopolyoxomolybdate: Synthesis, Characterization, Magnetism, Luminescence, and Catalysis of $\text{H}_2\text{O}_2$ -Based Thioether Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 1796-1805.	4.0	42
90	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

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91	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
92	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
93	Photochromic behavior of a new polyoxomolybdate/alkylamine composite in solid state. <i>Journal of Materials Science</i> , 2018, 53, 3078-3086.	3.7	8
94	Facile CO <sub>2</sub> Cycloaddition to Epoxides by Using a Tetracarbonyl Metal Selenotungstate Derivate $[Mn(CO)_3]_4(Se_2W_{11}O_{43})_8$ . <i>Inorganic Chemistry</i> , 2018, 57, 14632-14643.	4.0	28
95	A Novel Tetrameric Polyoxotantalate Aggregate: $\{Co_8Ta_{24}\}$ Featuring a High-Nuclearity $Co_8$ Cluster. <i>Inorganic Chemistry</i> , 2018, 57, 12471-12474.	4.0	23
96	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 $[V_6O_{17}]_n^{4n-}$ coordination polymer. <i>CrystEngComm</i> , 2018, 20, 6273-6279.	2.6	17
97	Nitrogen-Doped Carbon-Modified Cobalt-Nanoparticle-Catalyzed Oxidative Cleavage of Lignin $\hat{I}^2$ -O-4 Model Compounds under Mild Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14188-14196.	6.7	55
98	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
99	A comprehensive approach providing a new synthetic route for bimetallic electrocatalysts <i>via</i> isoPOMs $[M/Rh(Cp^*)_4W_8O_{32}]$ (M = Rh (1) and Ir (2)). <i>Dalton Transactions</i> , 2018, 47, 13870-13879.	3.3	4
100	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
101	Synthesis and characterization of a Sb-containing polyoxomolybdate serving as a catalyst for sulfoxidation. <i>Dalton Transactions</i> , 2018, 47, 8070-8077.	3.3	13
102	Polyoxoniobates as a superior Lewis base efficiently catalyzed Knoevenagel condensation. <i>Molecular Catalysis</i> , 2018, 453, 93-99.	2.0	55
103	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
104	A new dimeric polyoxometalate derivate assembled by divacant Dawson $\{P_2W_{16}\}$ units and isosceles triangle $\{Ce_3\}$ cluster. <i>Inorganic Chemistry Communication</i> , 2018, 95, 154-157.	3.9	10
105	Synthesis and spectroscopic properties of silver-fluorescein co-doped phosphotungstate hollow spheres. <i>Dalton Transactions</i> , 2018, 47, 7730-7738.	3.3	6
106	Construction of a new binding manner in carboxylic acid-functionalized phosphomolybdates. <i>Dalton Transactions</i> , 2018, 47, 7949-7955.	3.3	10
107	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
108	A Novel Ruthenium-Decorating Polyoxomolybdate $Cs_3Na_6H[MoV_{14}RuIV_2O_{50}(OH)_2] \cdot 24H_2O$ : An Active Heterogeneous Oxidation Catalyst for Alcohols. <i>Materials</i> , 2018, 11, 178.	2.9	11

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109	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.	3.3	14
110	Enhanced Photostability Luminescent Properties of Er <sup>3+</sup> -Doped Near-White-Emitting Dy <sub>2</sub> Er(1-x)Er <sub>2</sub> -POM Derivatives. Inorganic Chemistry, 2018, 57, 7665-7675.	4.0	58
111	Organometallic functionalized non-classical polyoxometalates: synthesis, characterization and electrochemical properties. Dalton Transactions, 2018, 47, 9317-9323.	3.3	10
112	Two Magnetic 2D Inorganic-Organic Hybrid Framework Materials Constructed by Phosphotungstates. Journal of Cluster Science, 2017, 28, 1761-1771.	3.3	2
113	Magnetoluminescent Bifunctional Dysprosium-Based Phosphotungstates with Synthesis and Correlations between Structures and Properties. Crystal Growth and Design, 2017, 17, 1947-1956.	3.0	39
114	A luminescent polyoxoniobate lanthanide derivative {Eu <sub>3</sub> (H <sub>2</sub> O) <sub>9</sub> [Nb <sub>48</sub> O <sub>138</sub> (H <sub>2</sub> O) <sub>46</sub> ] <sub>30</sub> } <sup>27-</sup> Chemical Communications, 2017, 53, 3709-3712.	4.6	30
115	Assembly of niobium-phosphate cluster and in situ transition-metal-containing derivatives. CrystEngComm, 2017, 19, 2768-2774.	2.6	12
116	Discovery of Heteropolytantalate: Synthesis and Structure of Two 6-Peroxoantalo-4-phosphate Clusters. Inorganic Chemistry, 2017, 56, 5537-5543.	4.0	33
117	Polyoxomolybdates functionalized by a flexible carboxylic acid and their photochromic properties. Journal of Physics and Chemistry of Solids, 2017, 110, 161-166.	4.0	7
118	A Ni-containing decaniobate incorporating organic ligands: synthesis, structure, and catalysis for allylic alcohol epoxidation. RSC Advances, 2017, 7, 28696-28701.	3.6	19
119	Discovery and isolation of the trans-isomers of two 12-type lanthanide-containing monolacunary Dawson-type tungstophosphates: [LnIII(±2-P <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ) <sub>2</sub> ] <sub>17</sub> <sup>±</sup> (Ln = La, Ce). Dalton Transactions, 2017, 46, 5398-5405.	3.3	15
120	Polyoxotungstate incorporating organotriphosphonate ligands and lanthanide ions: syntheses, characterization, magnetism and photoluminescence properties. Dalton Transactions, 2017, 46, 5856-5863.	3.3	20
121	{Fe <sub>3</sub> Nb <sub>25</sub> } cluster based on an Fe-centred Keggin unit. Dalton Transactions, 2017, 46, 1368-1371.	3.3	18
122	Four transition-metal-bridging risedronate-based polyoxomolybdates: Syntheses, structures, characterizations and magnetic properties. Synthetic Metals, 2017, 223, 19-25.	3.9	9
123	Ligand-controlled formation of covalently modified antimoniomolybdates and their photochromic properties. CrystEngComm, 2017, 19, 207-213.	2.6	19
124	An {As <sub>4</sub> Cu <sub>4</sub> [Cu(H <sub>2</sub> O)] <sub>12</sub> } Cluster Incorporated within Four [Nb <sub>7</sub> O <sub>22</sub> ] <sup>9+</sup> Units. Chemistry - A European Journal, 2017, 23, 16957-16960.	3.3	22
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147	Synthesis and characterization of organotriphosphonate-functionalized TM-containing polyoxotungstates. <i>RSC Advances</i> , 2015, 5, 106077-106082.	3.6	6
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149	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
150	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
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153	A novel transition-metal-linked hexaniobate cluster with photocatalytic H <sub>2</sub> evolution activity. <i>Inorganic Chemistry Communication</i> , 2015, 54, 19-20.	3.9	21
154	Organic <sup>±</sup> -inorganic hybrid rare earth complexes based on polymolybdates with intrinsic photosensitive properties. <i>Dalton Transactions</i> , 2015, 44, 4679-4682.	3.3	17
155	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
156	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> ]12 <sup>±</sup> building blocks. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 254-262.	6.0	34
157	A CO <sub>3</sub> <sup>2±</sup> -containing, dimanganese-substituted silicotungstate trimer, K <sub>9</sub> [H <sub>14</sub> {SiW <sub>10</sub> Mn <sup>II</sup> Mn <sup>III</sup> O <sub>38</sub> } <sub>3</sub> ](CO <sub>3</sub> ) <sub>3</sub> . <i>Dalton Transactions</i> , 2015, 44, 13469-13472.	3.3	33
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161	Synthesis, crystal structure and characterization of trivacant-Keggin-polyoxometalate-based carbonyl manganese derivative. <i>Inorganic Chemistry Communication</i> , 2015, 56, 45-47.	3.9	11
162	Generation of Large Polynuclear Rare Earth Metal-Containing Organic <sup>±</sup> -Inorganic Polytungstoarsenate Aggregates. <i>Crystal Growth and Design</i> , 2015, 15, 2057-2063.	3.0	43

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165	A nona-vacant Keggin-type tricarbonyl rhenium derivative {[PMo <sub>3</sub> O <sub>16</sub> ][Re(CO) <sub>3</sub> ] <sub>4</sub> }] <sup>5+</sup> and its catalytic performance for CO <sub>2</sub> cycloaddition reactions. RSC Advances, 2015, 5, 69006-69009.	3.6	13
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200	Novel polyoxometalate hybrids consisting of copper-lanthanide heterometallic/lanthanide germanotungstate fragments. <i>Dalton Transactions</i> , 2012, 41, 10740.	3.3	71
201	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
202	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
203	Two types of oxalate-bridging rare-earth-substituted Keggin-type phosphotungstates $\{[(1-x)PW_{11}O_{39}RE(H_2O)]_2(C_2O_4)_2\}^{10-}$ and $\{[(1-x)PW_{10}O_{38}]RE_2(C_2O_4)(H_2O)_2\}^{3-}$ . <i>Dalton Transactions</i> , 2012, 41, 3764.	2.4	65
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213	Organodiphosphonate-Functionalized Lanthanopolyoxomolybdate Cages. <i>Chemistry - A European Journal</i> , 2012, 18, 6759-6762.	3.3	56
214	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
215	Manganese carbonyl derivatives based on Keggin- or Dawson-type polyoxoanions. <i>Journal of Molecular Structure</i> , 2012, 1019, 61-67.	3.6	15
216	Novel octatungstate-supported tricarbonyl metal derivatives: $\{[H_2W_8O_{30}][M(CO)_3]_2\}^{8-}$ ( $M = Mn, Ir$ ). <i>Journal of Inorganic Chemistry</i> , 2012, 41, 10740.	3.3	27

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218	Three Novel Inorganic-Organic Hybrid Arsenomolybdate Architectures Constructed from Monocapped Trivacant [As <sup>III</sup> As <sup>V</sup> Mo <sub>9</sub> O <sub>34</sub> ] <sup>6+</sup> Fragments with [Cu(L) <sub>2</sub> ] <sup>2+</sup> Linkers: From Dimer to Two-Dimensional Framework. <i>Crystal Growth and Design</i> , 2011, 11, 436-444.	3.0	37
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220	Two 1-D multi-nickel substituted arsenotungstate aggregates. <i>CrystEngComm</i> , 2011, 13, 3462.	2.6	51
221	Two 3d-4f heterometallic monovacant Keggin phosphotungstate derivatives. <i>Journal of Coordination Chemistry</i> , 2011, 64, 400-412.	2.2	24
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223	A new organic-inorganic composite sandwich-type phosphotungstate: Synthesis, crystal structure and properties of [Ni(phen) <sub>3</sub> ] <sub>2</sub> H <sub>6</sub> [Ni <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (B <sup>I</sup> -PW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] · 4H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1075-1079.	1.3	0
224	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
225	Synthesis, structure and magnetism of a 2-D organic-inorganic hybrid tetra-Coll-substituted sandwich-type Keggin germanotungstate: {[Co(dap) <sub>2</sub> (H <sub>2</sub> O)] <sub>2</sub> [Co(dap) <sub>2</sub> ][Co <sub>4</sub> (Hdap) <sub>2</sub> (B <sup>I</sup> -HGeW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ]} · 7H <sub>2</sub> O. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1052-1056.	3.9	28
226	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
227	A new 1-D chain-like organic-inorganic hybrid phosphotungstate constructed by sandwich-type clusters and [Ni(en) <sub>2</sub> ] <sup>2+</sup> linkers. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2497-2505.	2.2	6
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233	Syntheses, structures, and properties of two new hybrid Dawson-based polyoxotungstates [Mn(2,2'-bipy) <sub>3</sub> ] <sub>3</sub> H <sub>2</sub> and [Mn(2,2'-bipy) <sub>2</sub> ] <sub>2</sub> [P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> ] and [Mn(2,2'-bipy) <sub>2</sub> ] <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1844-1855.	2.2	6
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