

Yongge Wei

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134
papers

4,557
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35
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140
ext. papers

5,315
ext. citations

7
avg. IF

5.65
L-index

#	Paper	IF	Citations
134	An efficient and convenient reaction protocol to organoimido derivatives of polyoxometalates. <i>Journal of the American Chemical Society</i> , 2001 , 123, 4083-4	16.4	221
133	Nanoscale chiral rod-like molecular triads assembled from achiral polyoxometalates. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14-5	16.4	220
132	Towards main-chain-polyoxometalate-containing hybrid polymers: a highly efficient approach to bifunctionalized organoimido derivatives of hexamolybdates. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4129-32	16.4	217
131	Atomically engineering activation sites onto metallic 1T-MoS catalysts for enhanced electrochemical hydrogen evolution. <i>Nature Communications</i> , 2019 , 10, 982	17.4	180
130	A double-tailed fluorescent surfactant with a hexavanadate cluster as the head group. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2521-5	16.4	149
129	Nitrogen-Doped Porous Molybdenum Carbide and Phosphide Hybrids on a Carbon Matrix as Highly Effective Electrocatalysts for the Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018 , 8, 1701601	21.8	147
128	Recent advances in alkoxylation chemistry of polyoxometalates: From synthetic strategies, structural overviews to functional applications. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 395-414	23.2	139
127	Polyoxometalato-cyclophanes: controlled assembly of polyoxometalate-based chiral metallamacrocycles from achiral building blocks. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5956-7	16.4	120
126	Molecular and polymeric hybrids based on covalently linked polyoxometalates and transition-metal complexes. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6902-5	16.4	111
125	Synthesis, Crystal Structure, and Optical Properties of a Polyoxometalate-Based Inorganic/Organic Hybrid Solid, (n-Bu ₄ N) ₂ [Mo ₆ O ₁₇ (?NAr) ₂] (Ar = o-CH ₃ OC ₆ H ₄). <i>Crystal Growth and Design</i> , 2006 , 6, 253-257	3.5	108
124	Hybrid Molecular Materials Based on Covalently Linked Inorganic Polyoxometalates and Organic Conjugated Systems. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2290-2292	16.4	107
123	An Efficient Iron(III)-Catalyzed Aerobic Oxidation of Aldehydes in Water for the Green Preparation of Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3867-3871	16.4	100
122	Unexpected C=C bond formation via doubly dehydrogenative coupling of two saturated sp ³ C-H bonds activated with a polymolybdate. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5810-1	16.4	98
121	Hybrid molecular dumbbells: bridging polyoxometalate clusters with an organic pi-conjugated rod. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1566-8	16.4	98
120	Polyoxometalate-organic hybrid molecules as amphiphilic emulsion catalysts for deep desulfurization. <i>Chemistry - A European Journal</i> , 2012 , 18, 9174-8	4.8	88
119	Unprecedented replacement of bridging oxygen atoms in polyoxometalates with organic imido ligands. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2626-30	16.4	88
118	Crystal structure and metamagnetic property of a 2-D layered complex, [Fe ^{II} (N ₃) ₂ (pyz)] _n (pyz = pyrazine). <i>Chemical Communications</i> , 2000 , 2271-2272	5.8	78

117	The chemistry of organoimido derivatives of polyoxometalates. <i>Dalton Transactions</i> , 2012 , 41, 3599-615	4.3	72
116	Functionalization of [MoW(5)O(19)](2-) with aromatic amines: synthesis of the first arylimido derivatives of mixed-metal polyoxometalates. <i>Inorganic Chemistry</i> , 2001 , 40, 5489-90	5.1	71
115	Bottom-up construction of POM-based macrostructures: coordination assembled paddle-wheel macroclusters and their vesicle-like supramolecular aggregation in solution. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17155-60	16.4	63
114	Single-side organically functionalized Anderson-type polyoxometalates. <i>Chemistry - A European Journal</i> , 2011 , 17, 12002-5	4.8	62
113	Spontaneous stepwise self-assembly of a polyoxometalate-organic hybrid into catalytically active one-dimensional anisotropic structures. <i>Chemistry - A European Journal</i> , 2014 , 20, 9589-95	4.8	59
112	Chiral recognition and selection during the self-assembly process of protein-mimic macroanions. <i>Nature Communications</i> , 2015 , 6, 6475	17.4	55
111	DMAP-catalyzed esterification of pentaerythritol-derivatized POMs: a new route for the functionalization of polyoxometalates. <i>Chemical Communications</i> , 2011 , 47, 5557-9	5.8	52
110	Step-by-step strategy from achiral precursors to polyoxometalates-based chiral organic-inorganic hybrids. <i>Inorganic Chemistry</i> , 2015 , 54, 2551-9	5.1	51
109	An Easy Route to Monofunctionalized Organoimido Derivatives of the Lindqvist Hexamolybdate. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 2819-2822	2.3	49
108	Transition-Metal-Controlled Inorganic Ligand-Supported Non-Precious Metal Catalysts for the Aerobic Oxidation of Amines to Imines. <i>Chemistry - A European Journal</i> , 2017 , 23, 13883-13887	4.8	48
107	Palladium-catalyzed Heck reaction of polyoxometalate-functionalised aryl iodides and bromides with olefins. <i>Chemistry - A European Journal</i> , 2009 , 15, 3076-80	4.8	46
106	Towards Main-Chain-Polyoxometalate-Containing Hybrid Polymers: A Highly Efficient Approach to Bifunctionalized Organoimido Derivatives of Hexamolybdates. <i>Angewandte Chemie</i> , 2002 , 114, 4303-4306	3.6	44
105	Enhanced Photocatalytic Properties of SnO ₂ Nanocrystals with Decreased Size for ppb-level Acetaldehyde Decomposition. <i>ChemCatChem</i> , 2011 , 3, 371-377	5.2	38
104	A kinetically controlled trans bifunctionalized organoimido derivative of the Lindqvist-type hexamolybdate: synthesis, spectroscopic characterization, and crystal structure of (n-Bu ₄ N) ₂ {trans-[Mo ₆ O ₁₇ (NAr) ₂]} (Ar = 2,6-dimethylphenyl). <i>Inorganic Chemistry</i> , 2005 , 44, 9823-8	5.1	38
103	Fine Tuning Electronic Structure of Catalysts through Atomic Engineering for Enhanced Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2018 , 8, 1800789	21.8	38
102	Unprecedented Isomers of single-side triol-functionalized Anderson polyoxometalates and their proton-controlled isomer transformation. <i>Chemical Communications</i> , 2015 , 51, 9097-100	5.8	37
101	Aliphatic organoimido derivatives of polyoxometalates containing a bioactive ligand. <i>Chemistry - A European Journal</i> , 2014 , 20, 16987-94	4.8	37
100	Pristine organo-imido polyoxometalates as an anode for lithium ion batteries. <i>RSC Advances</i> , 2014 , 4, 7374	3.7	36

- 99 A Double-Tailed Fluorescent Surfactant with a Hexavanadate Cluster as the Head Group. *Angewandte Chemie*, **2011**, 123, 2569-2573 3.6 34
- 98 From 0D dimer to 2D network-supramolecular assembly of organic derivatized polyoxometalates with remote hydroxyl via hydrogen bonding. *Inorganic Chemistry*, **2009**, 48, 9222-35 5.1 34
- 97 Degradable Organically-Derivatized Polyoxometalate with Enhanced Activity against Glioblastoma Cell Line. *Scientific Reports*, **2016**, 6, 33529 4.9 33
- 96 Cu dendrites induced by the Anderson-type polyoxometalate NiMo₆O₂₄ as a promising electrocatalyst for enhanced hydrogen evolution. *Applied Catalysis B: Environmental*, **2019**, 249, 163-171 21.8 31
- 95 Highly practical and efficient preparation of aldehydes and ketones from aerobic oxidation of alcohols with an inorganic-ligand supported iodine catalyst. *Chemical Communications*, **2018**, 54, 10164-10167 5.8 31
- 94 A redox active triad nanorod constructed from covalently interlinked organo-hexametalates. *Chemical Communications*, **2014**, 50, 13150-2 5.8 31
- 93 Synthesis, crystal structure and spectroscopic studies of a series of hexavanadate hybrids with multiple functional groups. *Inorganic Chemistry Frontiers*, **2017**, 4, 165-170 6.8 29
- 92 Effect of Cation-Interaction on Macroionic Self-Assembly. *Angewandte Chemie - International Edition*, **2018**, 57, 4067-4072 16.4 28
- 91 Synthetic, Structural, Spectroscopic, Electrochemical Studies and Self-assembly of Nanoscale Polyoxometalate/Organic Hybrid Molecular Dumbbells. *Crystal Growth and Design*, **2009**, 9, 3509-3518 3.5 28
- 90 DCC-Assisted esterification of a polyoxometalate-functionalized phenol with carboxylic acids (DCC: dicyclohexylcarbodiimide). *Chemistry - A European Journal*, **2008**, 14, 10923-7 4.8 28
- 89 Highly efficient and practical aerobic oxidation of alcohols by inorganic-ligand supported copper catalysis. *Green Chemistry*, **2019**, 21, 4069-4075 10 27
- 88 Polyoxometalate-Based Photoactive Hybrid: Uncover the First Crystal Structure of Covalently Linked Hexavanadate-Porphyrin Molecule. *Inorganic Chemistry*, **2020**, 59, 2575-2583 5.1 27
- 87 Interface engineering of Mo₈/Cu heterostructures toward highly selective electrochemical reduction of carbon dioxide into acetate. *Applied Catalysis B: Environmental*, **2021**, 281, 119426 21.8 27
- 86 The proton-controlled synthesis of unprecedented diol functionalized Anderson-type POMs. *Chemical Communications*, **2016**, 52, 2378-81 5.8 26
- 85 Label-free colorimetric detection of mercury via Hg(2+) ions-accelerated structural transformation of nanoscale metal-oxo clusters. *Scientific Reports*, **2015**, 5, 16316 4.9 26
- 84 An Easy Way to Construct Polyoxovanadate-Based Organic/Inorganic Hybrids by Stepwise Functionalization. *European Journal of Inorganic Chemistry*, **2016**, 2016, 808-811 2.3 26
- 83 Synthesis, structure and supramolecular assembly in the crystalline state of a bifunctionalized arylimido derivative of hexamolybdate. *Inorganic Chemistry Communication*, **2004**, 7, 524-527 3.1 25
- 82 Syntheses and post-functionalization of tri-substituted polyalkoxohexavanadates containing tris(alkoxo) ligands. *Dalton Transactions*, **2017**, 46, 8505-8513 4.3 24

81	Controllable synthesis of polyoxovanadate-based coordination polymer nanosheets with extended exposure of catalytic sites. <i>Nano Research</i> , 2016 , 9, 3858-3867	10	24
80	N-formylation of amines using methanol as a potential formyl carrier by a reusable chromium catalyst. <i>Communications Chemistry</i> , 2019 , 2,	6.3	24
79	Synthesis and Crystallization Behavior of Surfactants with Hexamolybdate as the Polar Headgroup. <i>Inorganic Chemistry</i> , 2015 , 54, 6075-7	5.1	23
78	A new class of functionalized polyoxometalates: synthesis, structure and preliminary antitumor activity studies of three arylimido substituted hexamolybdates bearing a strong electron-withdrawing nitro group, (Bu ₄ N) ₂ [Mo ₆ O ₁₈ ([triple bond]NAr)] (Ar = 3-NO ₂ -C ₆ H ₄ , 2-CH ₃ -4-NO ₂ -C ₆ H ₃ , 2-CH ₃ -5-NO ₂ -C ₆ H ₃). <i>Dalton Transactions</i> , 2008 , 4770-5	4.3	22
77	A simple synthetic route to polyoxovanadate-based organic-inorganic hybrids using EEDQ as an ester coupling agent. <i>Dalton Transactions</i> , 2017 , 46, 4602-4608	4.3	21
76	Unprecedented Replacement of Bridging Oxygen Atoms in Polyoxometalates with Organic Imido Ligands. <i>Angewandte Chemie</i> , 2008 , 120, 2666-2670	3.6	21
75	[Cr{RC(CH ₂ O) ₃ } ₂ Mo ₆ O ₁₈] ₃ the first organically-functionalized isomer of Anderson-type polyoxometalates. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1215-1218	6.8	20
74	Syntheses, structural characterizations and electronic absorption spectra simulation of three phenylimido substituted hexamolybdates incorporating a remote chloro group. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2305-2313	2.7	20
73	Synthesis, spectroscopic studies and crystal structure of a polyoxoanion cluster incorporating para-bromophenylimido ligand, (Bu ₄ N) ₂ [Mo ₆ O ₁₈ (NC ₆ H ₄ Br-p)]. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1223-1228	2.3	20
72	Molekulare Hybridmaterialien durch kovalente Verknüpfung anorganischer Polyoxometallate und organischer konjugierter Systeme. <i>Angewandte Chemie</i> , 2001 , 113, 2353-2356	3.6	20
71	Selective Oxidation of Anilines to Azobenzenes and Azoxybenzenes by a Molecular Mo Oxide Catalyst. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6382-6385	16.4	20
70	Facile synthesis of an organically-derivatized hexavanadate containing the remote amino group, TBA ₂ [V ₆ O ₁₃ {(OCH ₂) ₃ CNH ₂ } ₂]. <i>CrystEngComm</i> , 2016 , 18, 4042-4045	3.3	19
69	Single-Atom Mn Active Site in a Triol-Stabilized Anderson Manganohexamolybdate for Enhanced Catalytic Activity towards Adipic Acid Production. <i>Catalysts</i> , 2018 , 8, 121	4	19
68	Self-Assembled Polyoxometalate Nanodots as Bidirectional Cluster Catalysts for Polysulfide/Sulfide Redox Conversion in Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2021 ,	16.7	19
67	An Efficient Iron(III)-Catalyzed Aerobic Oxidation of Aldehydes in Water for the Green Preparation of Carboxylic Acids. <i>Angewandte Chemie</i> , 2017 , 129, 3925-3929	3.6	18
66	A combined crystallographic analysis and ab initio calculations to interpret the reactivity of functionalized hexavanadates and their inhibitor potency toward Na(+)/K(+)-ATPase. <i>Journal of Inorganic Biochemistry</i> , 2016 , 161, 27-36	4.2	18
65	Novel Eu-containing titania composites derived from a new Eu(III)-doped polyoxotitanate cage. <i>RSC Advances</i> , 2016 , 6, 57-60	3.7	18
64	Synthesis, Crystal Structure, Spectroscopic, and Herbicidal Activity Studies of a Series of Designed Fluoro-Functionalized Phenylimido Derivatives of Hexametalate Cluster. <i>Crystal Growth and Design</i> , 2008 , 8, 2437-2443	3.5	18

63	Organic-Inorganic Hybrids: Preparation and Structural Characterization of (Bu ₄ N) ₂ [Mo ₆ O ₁₇ (NAr) ₂] and (Bu ₄ N) ₂ [Mo ₆ O ₁₈ (NAr)] (Ar = o-CH ₃ C ₆ H ₄). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 773-779	1.3	18
62	Recent Advances in Polyoxometalates for Applications in Electrocatalytic Hydrogen Evolution Reaction. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , 2020 , 36, 1906063-0	3.8	18
61	Convenient syntheses and structural characterizations of mono-substituted alkylimido hexamolybdates: [Mo ₆ O ₁₈ (NR)] ₂ - (R = Me, Et, n-Pr, i-Pr, n-Bu, t-Bu, Cy, Hex, Ode). <i>Dalton Transactions</i> , 2009 , 1172-9	4.3	17
60	Fabrication of Polyoxometalate Anchored Zinc Cobalt Sulfide Nanowires as a Remarkable Bifunctional Electrocatalyst for Overall Water Splitting. <i>Advanced Functional Materials</i> , 2020 , 2106147	15.6	17
59	Iron-catalyzed oxidative functionalization of C(sp)-H bonds under bromide-synergized mild conditions. <i>Chemical Communications</i> , 2019 , 55, 7840-7843	5.8	16
58	Molecular and Polymeric Hybrids Based on Covalently Linked Polyoxometalates and Transition-Metal Complexes. <i>Angewandte Chemie</i> , 2005 , 117, 7062-7065	3.6	16
57	An efficient way for the N-formylation of amines by inorganic-ligand supported iron catalysis. <i>Green Chemistry</i> , 2020 , 22, 737-741	10	16
56	Highly efficient oxidation of alcohols to carboxylic acids using a polyoxometalate-supported chromium(III) catalyst and CO ₂ . <i>Green Chemistry</i> , 2020 , 22, 3150-3154	10	16
55	Improved peroxidase-mimic property: Sustainable, high-efficiency interfacial catalysis with H ₂ O ₂ on the surface of vesicles of hexavanadate-organic hybrid surfactants. <i>Nano Research</i> , 2018 , 11, 1313-1321	10	16
54	Guest Controlled Pillar[5]arene and Polyoxometalate Based Two-Dimensional Nanostructures toward Reversible Iodine Capture. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8537-8544	9.5	15
53	Solvent-induced supramolecular chirality switching of bis-(trisalkoxy)-hexavanadates. <i>Polyhedron</i> , 2013 , 52, 1344-1348	2.7	15
52	Tosylation of alcohols: an effective strategy for the functional group transformation of organic derivatives of polyoxometalates. <i>Scientific Reports</i> , 2017 , 7, 12523	4.9	14
51	A trifluoromethyl substituted organoimido derivative of the hexametalate cluster: synthesis, crystal structure and bioactivity of [Mo ₆ O ₁₇ (NAr) ₂] ₂ - (Ar=o-CF ₃ C ₆ H ₄). <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 2276-81	4.2	14
50	Diversified polyoxovanadate derivatives obtained by copper(i)-catalysed azide-alkyne cycloaddition reaction: their synthesis and structural characterization. <i>Dalton Transactions</i> , 2018 , 47, 577-584	4.3	14
49	Aldehydes as potential acylating reagents for oxidative esterification by inorganic ligand-supported iron catalysis. <i>Green Chemistry</i> , 2019 , 21, 4550-4554	10	13
48	Synthesis, crystal structure and magnetic property of a binuclear iron(III) citrate complex. <i>Transition Metal Chemistry</i> , 2001 , 26, 384-387	2.1	13
47	Polyoxovanadate-iodobodipy supramolecular assemblies: new agents for high efficiency cancer photochemotherapy. <i>Chemical Communications</i> , 2020 , 56, 2869-2872	5.8	13
46	A series of unprecedented triol-stabilized [HMWO]: the missing piece between A- and B-type Anderson-Evans polyoxometalates. <i>Chemical Communications</i> , 2018 , 54, 1375-1378	5.8	12

45	Stepwise syntheses and supramolecular assemblies of a series of polyoxovanadate hybrids with various architectures. <i>New Journal of Chemistry</i> , 2018 , 42, 5853-5858	3.6	11
44	Visible-Light-Driven Photocatalytic Oxidation of Organic Chlorides Using Air and an Inorganic-Ligand Supported Nickel-Catalyst Without Photosensitizers. <i>ChemCatChem</i> , 2018 , 10, 4274-4279	5.2	11
43	Two new bromo-functionalized organoimido derivatives of hexamolybdate: Synthesis, crystal structure, spectroscopic and electrochemical studies. <i>Inorganica Chimica Acta</i> , 2007 , 360, 2558-2564	2.7	11
42	A Supramolecular Catalyst Self-Assembled From Polyoxometalates and Cationic Pillar[5]arenes for the Room Temperature Oxidation of Aldehydes. <i>Frontiers in Chemistry</i> , 2018 , 6, 457	5	11
41	Organoimido-derivatized hexamolybdates with a remote carboxyl group: syntheses and structural characterizations. <i>Inorganic Chemistry</i> , 2013 , 52, 6551-8	5.1	10
40	Monosubstituted arylimido hexamolybdates containing pendant amino groups: synthesis and structural characterization. <i>Dalton Transactions</i> , 2011 , 40, 7304-9	4.3	10
39	Syntheses, Crystal Structures, and Spectroscopic Studies of Aromatic Ester Derivatives of Hexamolybdate. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5227-5232	2.3	10
38	Application of Anderson Type Heteropoly Acids as Catalysts in Organic Synthesis. <i>Acta Chimica Sinica</i> , 2020 , 78, 725	3.3	10
37	[VMoO(NAr)(ENAr)]: the first polyarylimido-stabilized molybdovanadate cluster. <i>Chemical Communications</i> , 2017 , 53, 2551-2554	5.8	9
36	A general and highly regioselective synthesis approach to multi-functionalized organoimido derivatives of Polyoxometalates. <i>Scientific Reports</i> , 2016 , 6, 24759	4.9	9
35	N-alkylation of organo-imido substituted polyoxometalates: an efficient and stoichiometric approach for the easy post-modification of polyoxometalates. <i>Dalton Transactions</i> , 2015 , 44, 4568-75	4.3	9
34	Light-Induced Efficient Hydroxylation of Benzene to Phenol by Quinolinium and Polyoxovanadate-Based Supramolecular Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13310-13316	16.4	9
33	An efficient protocol for the preparation of aldehydes/ketones and imines by an inorganic-ligand supported iron catalyst. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3454-3459	5.2	9
32	An Efficient Aerobic Oxidation Protocol of Aldehydes to Carboxylic Acids in Water Catalyzed by an Inorganic-Ligand-Supported Copper Catalyst. <i>ChemCatChem</i> , 2018 , 10, 1253-1257	5.2	8
31	A Series of Weakley-type Polyoxomolybdates: Synthesis, Characterization, and Magnetic Properties by a Combined Experimental and Theoretical Approach. <i>Inorganic Chemistry</i> , 2018 , 57, 963-969	5.1	8
30	An Unprecedented Class of Benzoyldiazenido-Functionalized Polyoxometalates with Enhanced Antitumour Activities. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5475-5484	2.3	7
29	Oxidative esterification of alcohols by a single-side organically decorated Anderson-type chrome-based catalyst. <i>Green Chemistry</i> , 2021 , 23, 2652-2657	10	7
28	Highly selective and efficient olefin epoxidation with pure inorganic-ligand supported iron catalysts. <i>Dalton Transactions</i> , 2019 , 48, 14201-14205	4.3	6

27	Buildup of Redox-Responsive Hybrid from Polyoxometalate and Redox-Active Conducting Oligomer: Its Self-Assemblies with Controllable Morphologies. <i>Chemistry - A European Journal</i> , 2017 , 23, 14860-14865	4.8	6
26	Additive-Mediated Selective Oxidation of Alcohols to Esters via Synergistic Effect Using Single Cation Cobalt Catalyst Stabilized with Inorganic Ligand. <i>Research</i> , 2020 , 2020, 3875920	7.8	5
25	Chromium-catalysed efficient N-formylation of amines with a recyclable polyoxometalate-supported green catalyst. <i>Dalton Transactions</i> , 2021 , 50, 90-94	4.3	5
24	Experimental and theoretical insights of functionalized hexavanadates on Na/K-ATPase activity; molecular interaction field, ab initio calculations and in vitro assays. <i>Journal of Inorganic Biochemistry</i> , 2019 , 198, 110720	4.2	4
23	A new Keggin-based organic-inorganic nanohybrid in the role of a dual-purpose catalyst. <i>Journal of Chemical Sciences</i> , 2020 , 132, 1	1.8	4
22	Unprecedented Halide-Ion Binding and Catalytic Activity of Nanoscale Anionic Metal Oxide Clusters. <i>ChemPlusChem</i> , 2019 , 84, 1668-1672	2.8	4
21	trans-Dinitrosyl-Substituted Hexamolybdate and Study of Its Controllable NO Release. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1664-1671	2.3	4
20	Reversible proton-switchable fluorescence controlled by conjugation effect in an organically-functionalized polyoxometalate. <i>Scientific Reports</i> , 2016 , 6, 27861	4.9	4
19	Selective Oxidation of Anilines to Azobenzenes and Azoxybenzenes by a Molecular Mo Oxide Catalyst. <i>Angewandte Chemie</i> , 2021 , 133, 6452-6455	3.6	4
18	Insulin-Sensitizing Activity of Sub-Nanoscaled Polyalkoxyvanadate Clusters. <i>Advanced Biology</i> , 2020 , 4, e1900281	3.5	3
17	A novel cobalt(II) complex with polyoxometalate-based ligand by virtue of coexistence of both a capped-Keggin anion and a neutral unit. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 1751-1758	1.6	3
16	Three-dimensional nano assembly of nickel cobalt sulphide/polyaniline@polyoxometalate/reduced graphene oxide hybrid with superior lithium storage and electrocatalytic properties for hydrogen evolution reaction.. <i>Journal of Colloid and Interface Science</i> , 2022 , 614, 642-654	9.3	3
15	Selective aerobic oxidation of halides and amines with an inorganic-ligand supported zinc catalyst. <i>Dalton Transactions</i> , 2018 , 47, 13323-13327	4.3	3
14	Unprecedented monofunctionalized β -Anderson clusters: $[\text{RRC}(\text{CHO})\text{MnWO}]$, a class of potential candidates for new inorganic linkers. <i>Chemical Communications</i> , 2021 , 57, 3865-3868	5.8	3
13	Nucleophilic substitution reaction for rational post-functionalization of polyoxometalates. <i>New Journal of Chemistry</i> , 2016 , 40, 906-909	3.6	2
12	Synthesis, Characterization and Structure of $[\text{Fe}(\text{2,2'}\text{-bipy})_3]_2[\text{Mo}_8\text{O}_{26}]$: An β -Octamolybdate-Supported Compound Formed During the Diffuse Process. <i>Journal of Cluster Science</i> , 2010 , 21, 181-186	3	2
11	Inorganic-organic hybrid supramolecular architectures based on Keggin polyoxometalates and crown ether: synthesis, crystal structure and electrochemical properties. <i>CrystEngComm</i> ,	3.3	2
10	An efficient chromium(III)-catalyzed aerobic oxidation of methylarenes in water for the green preparation of corresponding acids. <i>Dalton Transactions</i> , 2021 , 50, 12413-12418	4.3	2

9	Oxidative dehydrogenation of hydrazines and diarylamines using a polyoxomolybdate-based iron catalyst. <i>Chemical Communications</i> , 2021 , 57, 7677-7680	5.8	2
8	Molecular and Polymeric Hybrids Based on Covalently Linked Polyoxometalates and Transition-Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 17-17	16.4	1
7	The crystal structure of hexaammonium diacetyl-octa-molybdate tetrahydrate. <i>Crystal Research and Technology</i> , 2006 , 41, 595-599	1.3	1
6	Oxidative carbon-carbon bond cleavage of 1,2-diols to carboxylic acids/ketones by an inorganic-ligand supported iron catalyst. <i>Green Chemistry</i> , 2021 , 23, 9140-9146	10	1
5	Light-Induced Efficient Hydroxylation of Benzene to Phenol by Quinolinium and Polyoxovanadate-Based Supramolecular Catalysts. <i>Angewandte Chemie</i> , 2021 , 133, 13422-13428	3.6	1
4	Transformation of arylboronic acids with sodium thiosulfate into organodisulfides catalyzed by a recyclable polyoxometalate-based Cr(III) catalyst. <i>Green Chemistry</i> , 2021 , 23, 6059-6064	10	1
3	Heterostructure of polyoxometalate/zinc-iron-oxide nanoplates as an outstanding bifunctional electrocatalyst for the hydrogen and oxygen evolution reaction.. <i>Journal of Colloid and Interface Science</i> , 2022 , 618, 419-430	9.3	1
2	A newly synthesized organic-organic hybrid in nano-size including [BW12O40]5- anions and hydrolyzed 2-cyanoguanidine cations as a double working green catalyst. <i>Research on Chemical Intermediates</i> , 2020 , 46, 3431-3447	2.8	0
1	Molecular and Polymeric Hybrids Based on Covalently Linked Polyoxometalates and Transition-Metal Complexes. <i>Angewandte Chemie</i> , 2006 , 118, 16-16	3.6	