

Yongge Wei

List of Publications by Year in descending order

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132
papers

6,096
citations

66234

42
h-index

82410

72
g-index

140
all docs

140
docs citations

140
times ranked

4231
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically engineering activation sites onto metallic 1T-MoS ₂ catalysts for enhanced electrochemical hydrogen evolution. <i>Nature Communications</i> , 2019, 10, 982.	5.8	311
2	An Efficient and Convenient Reaction Protocol to Organoimido Derivatives of Polyoxometalates. <i>Journal of the American Chemical Society</i> , 2001, 123, 4083-4084.	6.6	240
3	Nanoscale Chiral Rod-like Molecular Triads Assembled from Achiral Polyoxometalates. <i>Journal of the American Chemical Society</i> , 2010, 132, 14-15.	6.6	240
4	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, 4129-4132.	7.2	229
5	Recent advances in alkoxylation chemistry of polyoxometalates: From synthetic strategies, structural overviews to functional applications. <i>Coordination Chemistry Reviews</i> , 2019, 378, 395-414.	9.5	220
6	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.	10.2	215
7	A Double-tailed Fluorescent Surfactant with a Hexavanadate Cluster as the Head Group. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2521-2525.	7.2	167
8	Polyoxometalato-cyclophanes: Controlled Assembly of Polyoxometalate-Based Chiral Metallamacrocycles from Achiral Building Blocks. <i>Journal of the American Chemical Society</i> , 2010, 132, 5956-5957.	6.6	135
9	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.	7.2	128
10	Hybrid Molecular Materials Based on Covalently Linked Inorganic Polyoxometalates and Organic Conjugated Systems. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2290-2292.	7.2	116
11	Molecular and Polymeric Hybrids Based on Covalently Linked Polyoxometalates and Transition-Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6902-6905.	7.2	114
12	Synthesis, Crystal Structure, and Optical Properties of a Polyoxometalate-Based Inorganic-Organic Hybrid Solid, (n-Bu ₄ N) ₂ [Mo ₆ O ₁₇ (Ar) ₂] (Ar = o-CH ₃ OC ₆ H ₄). <i>Crystal Growth and Design</i> , 2006, 6, 253-257.	1.4	113
13	Unexpected CC 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, 5810-5811.	6.6	106
14	Hybrid Molecular Dumbbells: Bridging Polyoxometalate Clusters with an Organic π -Conjugated Rod. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1566-1568.	7.2	103
15	Polyoxometalate-Organic Hybrid Molecules as Amphiphilic Emulsion Catalysts for Deep Desulfurization. <i>Chemistry - A European Journal</i> , 2012, 18, 9174-9178.	1.7	98
16	Unprecedented Replacement of Bridging Oxygen Atoms in Polyoxometalates with Organic Imido Ligands. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2626-2630.	7.2	95
17	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.	1.6	95
18	Fabrication of Polyoxometalate Anchored Zinc Cobalt Sulfide Nanowires as a Remarkable Bifunctional Electrocatalyst for Overall Water Splitting. <i>Advanced Functional Materials</i> , 2021, 31, 2106147.	7.8	92

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19	The chemistry of organoimido derivatives of polyoxometalates. Dalton Transactions, 2012, 41, 3599.	1.6	87
20	Crystal structure and metamagnetic property of a 2-D layered complex, [FeII(N3)2(py2)]n (py2 = 2,2',4,4'-biphenyl-1,1'-diyl). Dalton Transactions, 2012, 41, 10750-10757.	2.2	82
21	Interface engineering of Mo8/Cu heterostructures toward highly selective electrochemical reduction of carbon dioxide into acetate. Applied Catalysis B: Environmental, 2021, 281, 119426.	10.8	82
22	Functionalization of [MoW5O19]2-with Aromatic Amines: Synthesis of the First Arylimido Derivatives of Mixed-Metal Polyoxometalates. Inorganic Chemistry, 2001, 40, 5489-5490.	1.9	79
23	Self-Assembled Polyoxometalate Nanodots as Bidirectional Cluster Catalysts for Polysulfide/Sulfide Redox Conversion in Lithium-Sulfur Batteries. ACS Nano, 2021, 15, 12222-12236.	7.3	77
24	Bottom-Up Construction of POM-Based Macrostructures: Coordination Assembled Paddle-Wheel Macroclusters and Their Vesicle-like Supramolecular Aggregation in Solution. Journal of the American Chemical Society, 2013, 135, 17155-17160.	6.6	71
25	Single-Side Organically Functionalized Anderson-Type Polyoxometalates. Chemistry - A European Journal, 2011, 17, 12002-12005.	1.7	69
26	Spontaneous Stepwise Self-Assembly of a Polyoxometalate-Organic Hybrid into Catalytically Active One-Dimensional Anisotropic Structures. Chemistry - A European Journal, 2014, 20, 9589-9595.	1.7	67
27	Transition-Metal-Controlled Inorganic Ligand-Supported Non-Precious Metal Catalysts for the Aerobic Oxidation of Amines to Imines. Chemistry - A European Journal, 2017, 23, 13883-13887.	1.7	67
28	Chiral recognition and selection during the self-assembly process of protein-mimic macroanions. Nature Communications, 2015, 6, 6475.	5.8	66
29	Polyoxometalate-Based Photoactive Hybrid: Uncover the First Crystal Structure of Covalently Linked Hexavanadate-Porphyrin Molecule. Inorganic Chemistry, 2020, 59, 2575-2583.	1.9	66
30	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.	10.8	62
31	Selective Oxidation of Anilines to Azobenzenes and Azoxybenzenes by a Molecular Mo Oxide Catalyst. Angewandte Chemie - International Edition, 2021, 60, 6382-6385.	7.2	62
32	Step-by-Step Strategy from Achiral Precursors to Polyoxometalates-Based Chiral Organic-Inorganic Hybrids. Inorganic Chemistry, 2015, 54, 2551-2559.	1.9	60
33	Fine Tuning Electronic Structure of Catalysts through Atomic Engineering for Enhanced Hydrogen Evolution. Advanced Energy Materials, 2018, 8, 1800789.	10.2	59
34	DMAP-catalyzed esterification of pentaerythritol-derivatized POMs: a new route for the functionalization of polyoxometalates. Chemical Communications, 2011, 47, 5557-5559.	2.2	56
35	N-formylation of amines using methanol as a potential formyl carrier by a reusable chromium catalyst. Communications Chemistry, 2019, 2, .	2.0	52
36	Light-Induced Efficient Hydroxylation of Benzene to Phenol by Quinolinium and Polyoxovanadate-Based Supramolecular Catalysts. Angewandte Chemie - International Edition, 2021, 60, 13310-13316.	7.2	52

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37	Degradable Organically-Derivatized Polyoxometalate with Enhanced Activity against Glioblastoma Cell Line. <i>Scientific Reports</i> , 2016, 6, 33529.	1.6	51
38	An Easy Route to Monofunctionalized Organoimido Derivatives of the Lindqvist Hexamolybdate. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2819-2822.	1.0	50
39	Palladium-Catalyzed Heck Reaction of Polyoxometalate-Functionalised Aryl Iodides and Bromides with Olefins. <i>Chemistry - A European Journal</i> , 2009, 15, 3076-3080.	1.7	48
40	Highly efficient and practical aerobic oxidation of alcohols by inorganic-ligand supported copper catalysis. <i>Green Chemistry</i> , 2019, 21, 4069-4075.	4.6	48
41	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 4303-4306.	1.6	46
42	Aliphatic Organoimido Derivatives of Polyoxometalates Containing a Bioactive Ligand. <i>Chemistry - A European Journal</i> , 2014, 20, 16987-16994.	1.7	45
43	Highly practical and efficient preparation of aldehydes and ketones from aerobic oxidation of alcohols with an inorganic-ligand supported iodine catalyst. <i>Chemical Communications</i> , 2018, 54, 10164-10167.	2.2	45
44	Unprecedented η^3 isomers of single-side triol-functionalized Anderson polyoxometalates and their proton-controlled isomer transformation. <i>Chemical Communications</i> , 2015, 51, 9097-9100.	2.2	43
45	A Kinetically Controlled Trans Bifunctionalized Organoimido Derivative of the Lindqvist-Type Hexamolybdate: Δ 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, 9823-9828.	1.9	42
46	Enhanced Photocatalytic Properties of SnO ₂ Nanocrystals with Decreased Size for pp-level Acetaldehyde Decomposition. <i>ChemCatChem</i> , 2011, 3, 371-377.	1.8	41
47	From 0D dimer to 2D Network—Supramolecular Assembly of Organic Derivatized Polyoxometalates with Remote Hydroxyl via Hydrogen Bonding. <i>Inorganic Chemistry</i> , 2009, 48, 9222-9235.	1.9	40
48	Pristine organo-imido polyoxometalates as an anode for lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 7374.	1.7	40
49	A redox active triad nanorod constructed from covalently interlinked organo-hexametalates. <i>Chemical Communications</i> , 2014, 50, 13150-13152.	2.2	37
50	Effect of Cation- π Interaction on Macroionic Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4067-4072.	7.2	37
51	Recent Advances in Polyoxometalates for Applications in Electrocatalytic Hydrogen Evolution Reaction. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2020, 36, 1906063-0.	2.2	37
52	An efficient way for the <i>N</i> -formylation of amines by inorganic-ligand supported iron catalysis. <i>Green Chemistry</i> , 2020, 22, 737-741.	4.6	34
53	DCC-Assisted Esterification of a Polyoxometalate-Functionalized Phenol with Carboxylic Acids (DCC:) Tj ETQq1 1.0.784314 rgBT / Ov	1.7	33
54	The proton-controlled synthesis of unprecedented diol functionalized Anderson-type POMs. <i>Chemical Communications</i> , 2016, 52, 2378-2381.	2.2	33

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55	Label-free colorimetric detection of mercury via Hg ²⁺ ions-accelerated structural transformation of nanoscale metal-oxo clusters. <i>Scientific Reports</i> , 2015, 5, 16316.	1.6	31
56	Synthetic, Structural, Spectroscopic, Electrochemical Studies and Self-assembly of Nanoscale Polyoxometalate-Organic Hybrid Molecular Dumbbells. <i>Crystal Growth and Design</i> , 2009, 9, 3509-3518.	1.4	30
57	Synthesis, crystal structure and spectroscopic studies of a series of hexavanadate hybrids with multiple functional groups. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 165-170.	3.0	30
58	An Easy Way to Construct Polyoxovanadate-Based Organic-Inorganic Hybrids by Stepwise Functionalization. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 808-811.	1.0	28
59	Iron-catalyzed oxidative functionalization of C(sp ³)-H bonds under bromide-synergized mild conditions. <i>Chemical Communications</i> , 2019, 55, 7840-7843.	2.2	28
60	Synthesis and Crystallization Behavior of Surfactants with Hexamolybdate as the Polar Headgroup. <i>Inorganic Chemistry</i> , 2015, 54, 6075-6077.	1.9	27
61	Controllable synthesis of polyoxovanadate-based coordination polymer nanosheets with extended exposure of catalytic sites. <i>Nano Research</i> , 2016, 9, 3858-3867.	5.8	27
62	Synthesis, structure and supramolecular assembly in the crystalline state of a bifunctionalized arylimido derivative of hexamolybdate. <i>Inorganic Chemistry Communication</i> , 2004, 7, 524-527.	1.8	26
63	Syntheses and post-functionalization of tri-substituted polyalkoxohexavanadates containing tris(alkoxo) ligands. <i>Dalton Transactions</i> , 2017, 46, 8505-8513.	1.6	26
64	Single-Atom Mn Active Site in a Triol-Stabilized η^2 -Anderson Manganohexamolybdate for Enhanced Catalytic Activity towards Adipic Acid Production. <i>Catalysts</i> , 2018, 8, 121.	1.6	26
65	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 (η^6 ,NAr)] (Ar = 3-NO ₂ -C ₆ H ₄ , 2-CH ₃ -4-NO ₂ -C ₆ H ₃), <i>TJ ETQq1 1 0.7843147gBT /Over</i>	1.6	25
66	η^2 -{Cr[RC(CH ₂) ₂ O] ₃] ₂ Mo ₆ O ₁₈ } ³⁻ : the first organically-functionalized η^2 isomer of Anderson-type polyoxometalates. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1215-1218.	3.0	25
67	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.	5.8	25
68	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.	4.6	25
69	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.	1.8	24
70	Aldehydes as potential acylating reagents for oxidative esterification by inorganic ligand-supported iron catalysis. <i>Green Chemistry</i> , 2019, 21, 4550-4554.	4.6	24
71	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.	1.8	23
72	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.	5.0	23

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73	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.	1.2	22
74	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.	4.0	22
75	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.	0.8	21
76	Novel Eu-containing titania composites derived from a new Eu(ⁱⁱⁱ)-doped polyoxotitanate cage. <i>RSC Advances</i> , 2016, 6, 57-60.	1.7	21
77	A simple synthetic route to polyoxovanadate-based organica€inorganic hybrids using EEDQ as an ester coupling agent. <i>Dalton Transactions</i> , 2017, 46, 4602-4608.	1.6	21
78	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.	1.4	20
79	Facile synthesis of an organically-derivatized hexavanadate containing the remote amino group, TBA ₂ [V ₆ O ₁₃]{(OCH ₂) ₃ CNH ₂ } ₂₀ . <i>CrystEngComm</i> , 2016, 18, 4042-4045.		
80	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.	1.6	20
81	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.	0.6	19
82	Solvent-induced supramolecular chirality switching of bis-(trisalkoxy)-hexavanadates. <i>Polyhedron</i> , 2013, 52, 1344-1348.	1.0	19
83	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.	5.0	19
84	Convenient syntheses and structural characterizations of mono-substituted alkylimido hexamolybdates: [Mo ₆ O ₁₈ (NR)] ₂ ⁿ⁻ (R = Me, Et, n-Pr, i-Pr, n-Bu, t-Bu, Cy, Hex, Ode). <i>Dalton Transactions</i> , 2009, , 1172-1179.	1.6	18
85	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.	1.5	18
86	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.	1.8	18
87	Oxidative esterification of alcohols by a single-side organically decorated Anderson-type chrome-based catalyst. <i>Green Chemistry</i> , 2021, 23, 2652-2657.	4.6	18
88	Polyoxovanadate-iodobodipy supramolecular assemblies: new agents for high efficiency cancer photochemotherapy. <i>Chemical Communications</i> , 2020, 56, 2869-2872.	2.2	18
89	Tosylation of alcohols: an effective strategy for the functional group transformation of organic derivatives of polyoxometalates. <i>Scientific Reports</i> , 2017, 7, 12523.	1.6	17
90	A series of unprecedented triol-stabilized [H ₃ MW ₆ O ₂₄] ⁿ⁻ : the missing piece between A- and B-type Anderson€Evans polyoxometalates. <i>Chemical Communications</i> , 2018, 54, 1375-1378.	2.2	17

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91	Highly selective and efficient olefin epoxidation with pure inorganic-ligand supported iron catalysts. Dalton Transactions, 2019, 48, 14201-14205.	1.6	17
92	Application of Anderson Type Heteropoly Acids as Catalysts in Organic Synthesis. Acta Chimica Sinica, 2020, 78, 725.	0.5	17
93	A Series of Weakley-type Polyoxomolybdates: Synthesis, Characterization, and Magnetic Properties by a Combined Experimental and Theoretical Approach. Inorganic Chemistry, 2018, 57, 963-969.	1.9	16
94	Chromium-catalysed efficient <i>N</i> -formylation of amines with a recyclable polyoxometalate-supported green catalyst. Dalton Transactions, 2021, 50, 90-94.	1.6	16
95	An efficient protocol for the preparation of aldehydes/ketones and imines by an inorganic-ligand supported iron catalyst. Organic Chemistry Frontiers, 2018, 5, 3454-3459.	2.3	15
96	Synthesis, crystal structure and magnetic property of a binuclear iron(III) citrate complex. Transition Metal Chemistry, 2001, 26, 384-387.	0.7	14
97	A trifluoromethyl substituted organoimido derivative of the hexamolybdate cluster: Synthesis, crystal structure and bioactivity of [Mo ₆ O ₁₇ (NAr) ₂] ²⁻ (Ar= <i>o</i> -CF ₃ C ₆ H ₄). Journal of Inorganic Biochemistry, 2005, 99, 2276-2281.	1.5	14
98	Inorganic-organic hybrid supramolecular architectures based on Keggin polyoxometalates and crown ether: synthesis, crystal structure and electrochemical properties. CrystEngComm, 2021, 23, 8482-8489.	1.3	14
99	[V ₄ Mo ₃ O ₁₄ (NAr) ₃ ($\frac{1}{4}$ -NAr) ₃] ²⁺ : the first polyarylimido-stabilized molybdovanadate cluster. Chemical Communications, 2017, 53, 2551-2554.	2.2	13
100	A general and highly regioselective synthesis approach to multi-functionalized organoimido derivatives of Polyoxometalates. Scientific Reports, 2016, 6, 24759.	1.6	12
101	Stepwise syntheses and supramolecular assemblies of a series of polyoxovanadate hybrids with various architectures. New Journal of Chemistry, 2018, 42, 5853-5858.	1.4	12
102	Two new bromo-functionalized organoimido derivatives of hexamolybdate: Synthesis, crystal structure, spectroscopic and electrochemical studies. Inorganica Chimica Acta, 2007, 360, 2558-2564.	1.2	11
103	Monosubstituted arylimido hexamolybdates containing pendant amino groups: synthesis and structural characterization. Dalton Transactions, 2011, 40, 7304.	1.6	11
104	Organoimido-Derivatized Hexamolybdates with a Remote Carboxyl Group: Syntheses and Structural Characterizations. Inorganic Chemistry, 2013, 52, 6551-6558.	1.9	11
105	An Unprecedented Class of Benzoyldiazene-Functionalized Polyoxometalates with Enhanced Antitumour Activities. European Journal of Inorganic Chemistry, 2017, 2017, 5475-5484.	1.0	11
106	Buildup of Redox-Responsive Hybrid from Polyoxometalate and Redox-Active Conducting Oligomer: Its Self-Assemblies with Controllable Morphologies. Chemistry - A European Journal, 2017, 23, 14860-14865.	1.7	11
107	Oxidative dehydrogenation of hydrazines and diarylamines using a polyoxomolybdate-based iron catalyst. Chemical Communications, 2021, 57, 7677-7680.	2.2	11
108	Syntheses, Crystal Structures, and Spectroscopic Studies of Aromatic Ester Derivatives of Hexamolybdate. European Journal of Inorganic Chemistry, 2009, 2009, 5227-5232.	1.0	10

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109	N-alkylation of organo-imido substituted polyoxometalates: an efficient and stoichiometric approach for the easy post-modification of polyoxometalates. Dalton Transactions, 2015, 44, 4568-4575.	1.6	10
110	Selective aerobic oxidation of halides and amines with an inorganic-ligand supported zinc catalyst. Dalton Transactions, 2018, 47, 13323-13327.	1.6	10
111	Unprecedented Halide Ion Binding and Catalytic Activity of Nanoscale Anionic Metal Oxide Clusters. ChemPlusChem, 2019, 84, 1668-1672.	1.3	10
112	Selective Oxidation of Anilines to Azobenzenes and Azoxybenzenes by a Molecular Mo Oxide Catalyst. Angewandte Chemie, 2021, 133, 6452-6455.	1.6	10
113	Additive-Mediated Selective Oxidation of Alcohols to Esters via Synergistic Effect Using Single Cation Cobalt Catalyst Stabilized with Inorganic Ligand. Research, 2020, 2020, 3875920.	2.8	10
114	Oxidative carbon-carbon bond cleavage of 1,2-diols to carboxylic acids/ketones by an inorganic-ligand supported iron catalyst. Green Chemistry, 2021, 23, 9140-9146.	4.6	10
115	Transformation of arylboronic acids with sodium thiosulfate into organodisulfides catalyzed by a recyclable polyoxometalate-based Cr(III) catalyst. Green Chemistry, 2021, 23, 6059-6064.	4.6	9
116	Efficient Oxygen Evolution Reaction on Polyethylene Glycol-Modified BiVO ₄ Photoanode by Speeding up Proton Transfer. Small, 2022, 18, .	5.2	8
117	Insulin-Sensitizing Activity of Sub-Nanoscaled Polyalkoxyvanadate Clusters. Advanced Biology, 2020, 4, e1900281.	3.0	7
118	An efficient chromium(III)-catalyzed aerobic oxidation of methylarenes in water for the green preparation of corresponding acids. Dalton Transactions, 2021, 50, 12413-12418.	1.6	7
119	Unprecedented monofunctionalized $\hat{\Gamma}^2$ -Anderson clusters: [R ₁ R ₂ C(CH ₂ O) ₂ Mn ^{IV} W ₆ O ₂₂] ⁶⁻ a class of potential candidates for new inorganic linkers. Chemical Communications, 2021, 57, 3865-3868.	2.2	7
120	Radical-mediated carboselenation of terminal alkynes under mild conditions. Organic Chemistry Frontiers, 2022, 9, 4441-4446.	2.3	7
121	trans-Dinitrosyl-Substituted Hexamolybdate and Study of Its Controllable NO Release. European Journal of Inorganic Chemistry, 2013, 2013, 1664-1671.	1.0	6
122	Reversible proton-switchable fluorescence controlled by conjugation effect in an organically-functionalized polyoxometalate. Scientific Reports, 2016, 6, 27861.	1.6	6
123	Experimental and theoretical insights of functionalized hexavanadates on Na ⁺ /K ⁺ -ATPase activity; molecular interaction field, ab initio calculations and in vitro assays. Journal of Inorganic Biochemistry, 2019, 198, 110720.	1.5	6
124	A new Keggin-based organic-inorganic nanohybrid in the role of a dual-purpose catalyst. Journal of Chemical Sciences, 2020, 132, 1.	0.7	6
125	Layer by layer self-assembled hybrid thin films of Porphyrin/Polyoxometalates@Pt nanoparticles for photo & electrochemical application. Materials Today Communications, 2022, 31, 103811.	0.9	5
126	A novel cobalt(II) complex with polyoxometalate-based ligand by virtue of coexistence of both a capped-Keggin anion and a neutral unit. Journal of Coordination Chemistry, 2005, 58, 1751-1758.	0.8	3

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127	The crystal structure of hexaammonium diacetyl-octa-molybdate tetrahydrate. <i>Crystal Research and Technology</i> , 2006, 41, 595-599.	0.6	2
128	Synthesis, Characterization and Structure of $[\text{Fe}(\text{2,2}'\text{-bipy})_3]_2[\text{Mo}_8\text{O}_{26}]$: An I^{\pm} -Octamolybdate-Supported Compound Formed During the Diffuse Process. <i>Journal of Cluster Science</i> , 2010, 21, 181-186.	1.7	2
129	Nucleophilic substitution reaction for rational post-functionalization of polyoxometalates. <i>New Journal of Chemistry</i> , 2016, 40, 906-909.	1.4	2
130	A newly synthesized organic-inorganic hybrid in nano-size including $[\text{BW}_{12}\text{O}_{40}]^{5-}$ anions and hydrolyzed 2-cyanoguanidine cations as a double working green catalyst. <i>Research on Chemical Intermediates</i> , 2020, 46, 3431-3447.	1.3	2
131	Molecular and Polymeric Hybrids Based on Covalently Linked Polyoxometalates and Transition-Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 17-17.	7.2	1
132	Light-Induced Efficient Hydroxylation of Benzene to Phenol by Quinolinium and Polyoxovanadate-Based Supramolecular Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 13422-13428.	1.6	1