

# Yu-Fei Song

## List of Publications by Year in descending order

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166  
papers

9,864  
citations

36203

51  
h-index

39575

94  
g-index

181  
all docs

181  
docs citations

181  
times ranked

7818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances on polyoxometalate-based molecular and composite materials. <i>Chemical Society Reviews</i> , 2012, 41, 7384.	18.7	783
2	Polyoxometalate-functionalized nanocarbon materials for energy conversion, energy storage and sensor systems. <i>Energy and Environmental Science</i> , 2015, 8, 776-789.	15.6	490
3	Self-Assembly of Organic-Inorganic Hybrid Amphiphilic Surfactants with Large Polyoxometalates as Polar Head Groups. <i>Journal of the American Chemical Society</i> , 2008, 130, 14408-14409.	6.6	291
4	Polyoxometalate-Mediated Self-Assembly of Single-Molecule Magnets: $\{[XW_9O_{34}]_2[Mn^{III}]_4Mn^{II}]_2O_{254}\}$ . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5609-5612.	6.6	254
5	Recent advances on polyoxometalates intercalated layered double hydroxides: From synthetic approaches to functional material applications. <i>Coordination Chemistry Reviews</i> , 2014, 258-259, 58-71.	9.5	230
6	Highly Selective Photoreduction of $CO_2$ with Suppressing $H_2$ Evolution over Monolayer Layered Double Hydroxide under Irradiation above 600 nm. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11860-11867.	7.2	224
7	Aggregation of Giant Cerium-Bismuth Tungstate Clusters into a 3D Porous Framework with High Proton Conductivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8416-8420.	7.2	221
8	Environmentally benign polyoxometalate materials. <i>Coordination Chemistry Reviews</i> , 2015, 286, 17-29.	9.5	209
9	Modular Design of Noble-Metal-Free Mixed Metal Oxide Electrocatalysts for Complete Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4644-4648.	7.2	182
10	Noncovalently Connected Frameworks with Nanoscale Channels Assembled from a Tethered Polyoxometalate-Pyrene Hybrid. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3900-3904.	7.2	180
11	3D printing of versatile reactionware for chemical synthesis. <i>Nature Protocols</i> , 2016, 11, 920-936.	5.5	178
12	PVP-encapsulated $CoFe_2O_4/rGO$ composites with controllable electromagnetic wave absorption performance. <i>Chemical Engineering Journal</i> , 2019, 373, 755-766.	6.6	173
13	Supramolecular Metal Oxides: Programmed Hierarchical Assembly of a Protein-Sized $21\text{ kDa}$ $[(C_{16}H_{36}N)_{19}\{H_2NC(CH_2O)_3P_2\}_{18}]$ Polyoxometalate Assembly. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4388-4391.	6.6	168
14	Paramagnetic $CoS_2@MoS_2$ core-shell composites coated by reduced graphene oxide as broadband and tunable high-performance microwave absorbers. <i>Chemical Engineering Journal</i> , 2019, 378, 122159.	6.6	168
15	Postsynthetic Covalent Modification of Metal-Organic Framework (MOF) Materials. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4635-4637.	7.2	160
16	Micropatterned Surfaces with Covalently Grafted Unsymmetrical Polyoxometalate-Hybrid Clusters Lead to Selective Cell Adhesion. <i>Journal of the American Chemical Society</i> , 2009, 131, 1340-1341.	6.6	153
17	Highly Efficient Extraction and Oxidative Desulfurization System Using $Na_7H_2LaW_{10}O_{36} \cdot 32H_2O$ in $[bmim]BF_4$ at Room Temperature. <i>Chemistry - A European Journal</i> , 2012, 18, 4775-4781.	1.7	151
18	Single Ru atoms with precise coordination on a monolayer layered double hydroxide for efficient electrooxidation catalysis. <i>Chemical Science</i> , 2019, 10, 378-384.	3.7	148

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19	Spontaneous assembly and real-time growth of micrometre-scale tubular structures from polyoxometalate-based inorganic solids. <i>Nature Chemistry</i> , 2009, 1, 47-52.	6.6	145
20	Multicomponent Self-Assembly of a Giant Heterometallic Polyoxotungstate Supercluster with Antitumor Activity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11153-11157.	7.2	145
21	Design of Hydrophobic Polyoxometalate Hybrid Assemblies Beyond Surfactant Encapsulation. <i>Chemistry - A European Journal</i> , 2008, 14, 2349-2354.	1.7	141
22	Robust Polyoxometalate/Nickel Foam Composite Electrodes for Sustained Electrochemical Oxygen Evolution at High pH. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4941-4944.	7.2	131
23	Wiring redox-active polyoxometalates to carbon nanotubes using a sonication-driven periodic functionalization strategy. <i>Energy and Environmental Science</i> , 2016, 9, 1095-1101.	15.6	128
24	Covalently Tethered Polyoxometalate-Pyrene Hybrids for Noncovalent Sidewall Functionalization of Single-Walled Carbon Nanotubes as High-Performance Anode Material. <i>Advanced Functional Materials</i> , 2013, 23, 6100-6105.	7.8	121
25	Unravelling the Complexities of Polyoxometalates in Solution Using Mass Spectrometry: Protonation versus Heteroatom Inclusion. <i>Journal of the American Chemical Society</i> , 2008, 130, 1830-1832.	6.6	120
26	Nanoscale polyoxometalate-based inorganic/organic hybrids. <i>Chemical Record</i> , 2011, 11, 158-171.	2.9	109
27	Capture of Periodate in a $\{W_{18}O_{54}\}$ Cluster Cage Yielding a Catalytically Active Polyoxometalate $[H_3W_{18}O_{56}(IO_6)]^{6+}$ Embedded with High-Valent Iodine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4384-4387.	7.2	107
28	Sorting the Assemblies of Unsymmetrically Covalently Functionalized Mn-Anderson Polyoxometalate Clusters with Mass Spectrometry. <i>Inorganic Chemistry</i> , 2008, 47, 9137-9139.	1.9	101
29	Assembly of Modular Asymmetric Organic-Inorganic Polyoxometalate Hybrids into Anisotropic Nanostructures. <i>Journal of the American Chemical Society</i> , 2010, 132, 15490-15492.	6.6	101
30	First high-nuclearity mixed-valence polyoxometalate with hierarchical interconnected Zn <sup>2+</sup> migration channels as an advanced cathode material in aqueous zinc-ion battery. <i>Nano Energy</i> , 2020, 74, 104851.	8.2	101
31	Tuning and mechanistic insights of metal chalcogenide molecular catalysts for the hydrogen-evolution reaction. <i>Nature Communications</i> , 2019, 10, 370.	5.8	99
32	2020 Roadmap on two-dimensional nanomaterials for environmental catalysis. <i>Chinese Chemical Letters</i> , 2019, 30, 2065-2088.	4.8	90
33	From polyoxometalate building blocks to polymers and materials: the silver connection. <i>Journal of Materials Chemistry</i> , 2007, 17, 1903.	6.7	84
34	Photocatalytic selective oxidation of benzene to phenol in water over layered double hydroxide: A thermodynamic and kinetic perspective. <i>Chemical Engineering Journal</i> , 2020, 388, 124248.	6.6	79
35	Deep Desulfurization by Amphiphilic Lanthanide-Containing Polyoxometalates in Ionic-Liquid Emulsion Systems under Mild Conditions. <i>Chemistry - A European Journal</i> , 2013, 19, 709-715.	1.7	78
36	Polyoxometalate (POM)-Layered Double Hydroxides (LDH) Composite Materials: Design and Catalytic Applications. <i>Catalysts</i> , 2017, 7, 260.	1.6	78

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37	Covalent Attachment of Anderson-Type Polyoxometalates to Single-Walled Carbon Nanotubes Gives Enhanced Performance Electrodes for Lithium Ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 6469-6474.	1.7	75
38	POMzites: A Family of Zeolitic Polyoxometalate Frameworks from a Minimal Building Block Library. <i>Journal of the American Chemical Society</i> , 2017, 139, 5930-5938.	6.6	72
39	Tri-lacunary polyoxometalates of Na <sub>8</sub> H[PW <sub>9</sub> O <sub>34</sub> ] as heterogeneous Lewis base catalysts for Knoevenagel condensation, cyanosilylation and the synthesis of benzoxazole derivatives. <i>Applied Catalysis A: General</i> , 2014, 475, 140-146.	2.2	71
40	Synergistic catalysis by polyoxometalate-intercalated layered double hydroxides: oximation of aromatic aldehydes with large enhancement of selectivity. <i>Green Chemistry</i> , 2011, 13, 384.	4.6	67
41	Reverse Vesicle Formation of Organic-Inorganic Polyoxometalate-Containing Hybrid Surfactants with Tunable Sizes. <i>Chemistry - A European Journal</i> , 2010, 16, 11320-11324.	1.7	65
42	Investigating the Formation of $\alpha$ -Molybdenum Blues with Gel Electrophoresis and Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2015, 137, 6524-6530.	6.6	60
43	Connecting carbon nanotubes to polyoxometalate clusters for engineering high-performance anode materials. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19668-19673.	1.3	59
44	Classical Keggin Intercalated into Layered Double Hydroxides: Facile Preparation and Catalytic Efficiency in Knoevenagel Condensation Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 14862-14870.	1.7	58
45	Pyrene-Anderson-Modified CNTs as Anode Materials for Lithium Ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 18799-18804.	1.7	57
46	Polyoxometalate-Based Bottom-Up Fabrication of Graphene Quantum Dot/Manganese Vanadate Composites as Lithium Ion Battery Anodes. <i>Chemistry - A European Journal</i> , 2017, 23, 16637-16643.	1.7	56
47	Engineering high-performance polyoxometalate/PANI/MWNTs nanocomposite anode materials for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2017, 326, 273-280.	6.6	53
48	Highly Selective and Efficient Removal of Cr(VI) and Cu(II) by the Chromotropic Acid-Intercalated Zn-Al Layered Double Hydroxides. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 4436-4442.	1.8	52
49	Dawson-Type Polyoxomolybdate Anions (P <sub>2</sub> Mo <sub>18</sub> O <sub>62</sub> ) <sup>6-</sup> Captured by Ionic Liquid on Graphene Oxide as High-Capacity Anode Material for Lithium Ion Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 8729-8735.	1.7	52
50	Engineering Active Ni Sites in Ternary Layered Double Hydroxide Nanosheets for a Highly Selective Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> under Irradiation above 500 nm. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 3008-3015.	1.8	52
51	Fine Tuning the Heterostructured Interfaces by Topological Transformation of Layered Double Hydroxide Nanosheets. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 10411-10420.	1.8	51
52	Facile Preparation of Ultrathin Co <sub>3</sub> O <sub>4</sub> /Nanocarbon Composites with Greatly Improved Surface Activity as a Highly Efficient Oxygen Evolution Reaction Catalyst. <i>Chemistry - A European Journal</i> , 2017, 23, 4010-4016.	1.7	49
53	An efficient heterogeneous catalyst based on highly dispersed Na <sub>7</sub> H <sub>2</sub> LaW <sub>10</sub> O <sub>36</sub> ·32H <sub>2</sub> O nanoparticles on mesoporous silica for deep desulfurization. <i>Applied Catalysis A: General</i> , 2013, 466, 307-314.	2.2	47
54	Highly Selective Photoreduction of CO <sub>2</sub> with Suppressing H <sub>2</sub> Evolution over Monolayer Layered Double Hydroxide under Irradiation above 600 nm. <i>Angewandte Chemie</i> , 2019, 131, 11986-11993.	1.6	47

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55	600 nm Irradiation-Induced Efficient Photocatalytic CO <sub>2</sub> Reduction by Ultrathin Layered Double Hydroxide Nanosheets. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 5848-5857.	1.8	47
56	600 nm-driven photoreduction of CO <sub>2</sub> through the topological transformation of layered double hydroxides nanosheets. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118884.	10.8	46
57	Realization of a "Lockable" Molecular Switch via pH- and Redox-Modulated Cyclization. <i>Journal of the American Chemical Society</i> , 2008, 130, 13059-13065.	6.6	45
58	Fabrication and Electrochemical Performance of Polyoxometalate-Based Three-Dimensional Metal Organic Frameworks Containing Carbene Nanocages. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16660-16665.	4.0	45
59	Acetalization of aldehydes and ketones over H <sub>4</sub> [SiW <sub>12</sub> O <sub>40</sub> ] and H <sub>4</sub> [SiW <sub>12</sub> O <sub>40</sub> ]/SiO <sub>2</sub> . <i>Catalysis Science and Technology</i> , 2014, 4, 2618-2625.	2.1	44
60	Polyoxometalate-Intercalated Layered Double Hydroxides as Efficient and Recyclable Bifunctional Catalysts for Cascade Reactions. <i>ChemCatChem</i> , 2016, 8, 929-937.	1.8	43
61	Interface Engineering of High-Energy Faceted Co <sub>3</sub> O <sub>4</sub> /ZnO Heterostructured Catalysts Derived from Layered Double Hydroxide Nanosheets. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 5259-5267.	1.8	42
62	Modular Polyoxometalate-Intercalated Layered Double Hydroxide Composites as Efficient Oxidative Catalysts. <i>Chemistry - A European Journal</i> , 2015, 21, 10812-10820.	1.7	41
63	Hybrid polyoxometalate clusters with appended aromatic platforms. <i>CrystEngComm</i> , 2010, 12, 109-115.	1.3	40
64	Layer-by-Layer Assembly of Na <sub>9</sub> [EuW <sub>10</sub> O <sub>36</sub> ]·32H <sub>2</sub> O and Layered Double Hydroxides Leading to Ordered Ultra-Thin Films: Cooperative Effect and Orientation Effect. <i>Chemistry - A European Journal</i> , 2011, 17, 10365-10371.	1.7	40
65	The application of spontaneous flocculation for the preparation of lanthanide-containing polyoxometalates intercalated layered double hydroxides: highly efficient heterogeneous catalysts for cyanosilylation. <i>Applied Catalysis A: General</i> , 2014, 487, 172-180.	2.2	40
66	Rational Design of a Polyoxometalate Intercalated Layered Double Hydroxide: Highly Efficient Catalytic Epoxidation of Allylic Alcohols under Mild and Solvent-Free Conditions. <i>Chemistry - A European Journal</i> , 2017, 23, 1069-1077.	1.7	40
67	500 nm induced tunable syngas synthesis from CO <sub>2</sub> photoreduction by controlling heterojunction concentration. <i>Chemical Communications</i> , 2020, 56, 5354-5357.	2.2	40
68	Polyoxometalates-based heterogeneous catalysts in acid catalysis. <i>Science China Chemistry</i> , 2021, 64, 1117-1130.	4.2	40
69	Electrospun Self-Supporting Nanocomposite Films of Na <sub>9</sub> [EuW <sub>10</sub> O <sub>36</sub> ]·32H <sub>2</sub> O/PAN as pH-Modulated Luminescent Switch. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 2598-2603.	1.8	39
70	Reversible Light-Driven Polymerization of Polyoxometalate Tethered with Coumarin Molecules. <i>Chemistry - A European Journal</i> , 2014, 20, 1500-1504.	1.7	39
71	Immobilization of LaW <sub>10</sub> onto Ionic-Liquid-Modified Mesoporous Silica: Deep Desulfurization with Zero-Order Reaction Kinetics. <i>ChemPlusChem</i> , 2014, 79, 304-309.	1.3	38
72	Step-by-step covalent modification of Cr-templated Anderson-type polyoxometalates. <i>Dalton Transactions</i> , 2014, 43, 8587-8590.	1.6	38

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73	Layered double hydroxide anchored ionic liquids as amphiphilic heterogeneous catalysts for the Knoevenagel condensation reaction. Dalton Transactions, 2018, 47, 3059-3067.	1.6	38
74	Defect engineering of NiCo-layered double hydroxide hollow nanocages for highly selective photoreduction of CO <sub>2</sub> to CH <sub>4</sub> with suppressing H <sub>2</sub> evolution. Inorganic Chemistry Frontiers, 2021, 8, 996-1004.	3.0	38
75	Developing two-dimensional solid superacids with enhanced mass transport, extremely high acid strength and superior catalytic performance. Chemical Science, 2019, 10, 5875-5883.	3.7	37
76	Engineering polyoxometalate-intercalated layered double hydroxides for catalytic applications. Dalton Transactions, 2020, 49, 3934-3941.	1.6	37
77	Electrical Network of Single-Crystalline Metal Oxide Nanoclusters Wired by Molecules. Angewandte Chemie - International Edition, 2014, 53, 11228-11231.	7.2	35
78	Programmable Surface Architectures Derived from Hybrid Polyoxometalate-Based Clusters. Journal of Physical Chemistry C, 2011, 115, 4446-4455.	1.5	33
79	Directional Self-Assembly of Exfoliated Layered Europium Hydroxide Nanosheets and Na <sub>9</sub> EuW <sub>10</sub> O <sub>36</sub> ·32H <sub>2</sub> O for Application in Desulfurization. European Journal of Inorganic Chemistry, 2014, 2014, 2779-2786.	1.0	33
80	Tunable Syngas Synthesis from Photocatalytic CO <sub>2</sub> Reduction Under Visible-Light Irradiation by Interfacial Engineering. Transactions of Tianjin University, 2020, 26, 352-361.	3.3	33
81	Efficient concurrent removal of sulfur and nitrogen contents from complex oil mixtures by using polyoxometalate-based composite materials. Inorganic Chemistry Frontiers, 2016, 3, 1007-1013.	3.0	32
82	Integrated Synthesis of Gold Nanoparticles Coated with Polyoxometalate Clusters. Inorganic Chemistry, 2019, 58, 4110-4116.	1.9	31
83	Discovery of an imidazo-phenanthridine synthon produced in a five-step one-pot reaction™ leading to a new family of heterocycles with novel physical properties. Chemical Communications, 2006, , 1194.	2.2	30
84	Polyoxometalate-based organic-inorganic hybrids for stabilization and optical switching of the liquid crystal blue phase. Journal of Materials Chemistry C, 2015, 3, 4179-4187.	2.7	30
85	Modular Polyoxometalate-Layered Double Hydroxides as Efficient Heterogeneous Sulfoxidation and Epoxidation Catalysts. ChemCatChem, 2018, 10, 188-197.	1.8	30
86	Polyoxometalates Hosted in Layered Double Hydroxides: Highly Enhanced Catalytic Activity and Selectivity in Sulfoxidation of Sulfides. Industrial & Engineering Chemistry Research, 2015, 54, 9133-9141.	1.8	29
87	Polyoxometalate-Surfactant Assemblies: Responsiveness to Orthogonal Stimuli. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
88	Recent Progress on Nanostructured Layered Double Hydroxides for Visible-Light-Induced Photoreduction of CO <sub>2</sub> . Chemistry - an Asian Journal, 2020, 15, 3380-3389.	1.7	28
89	Three-Dimensional Carbon Framework Anchored Polyoxometalate as a High-Performance Anode for Lithium-Ion Batteries. Chemistry - A European Journal, 2020, 26, 5257-5263.	1.7	28
90	Super-Stable Mineralization of Ni <sup>2+</sup> Ions from Wastewater using CaFe Layered Double Hydroxide. Advanced Functional Materials, 2022, 32, 2106645.	7.8	28

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91	Highly efficient and selective oxidation of various substrates under mild conditions using a lanthanum-containing polyoxometalate as catalyst. <i>Applied Catalysis A: General</i> , 2013, 453, 188-194.	2.2	25
92	Step-by-Step Assembly of 2D Confined Chiral Space Endowing Achiral Clusters with Asymmetric Catalytic Activity for Epoxidation of Allylic Alcohols. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 36389-36397.	4.0	24
93	Highly selective photo-hydroxylation of phenol using ultrathin NiFe-layered double hydroxide nanosheets under visible-light up to 550 nm. <i>Green Chemistry</i> , 2020, 22, 8604-8613.	4.6	24
94	Well-Dispersed $\text{H}_{3}\text{PW}_{12}\text{O}_{40}/\text{H}_{4}\text{SiW}_{12}\text{O}_{40}$ Nanoparticles on Mesoporous Polymer for Highly Efficient Acid-Catalyzed Reactions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 11534-11542.	1.8	23
95	Self-Organization of Ionic Liquid-Modified Organosilica Hollow Nanospheres and Heteropolyacids: Efficient Preparation of 5-HMF Under Mild Conditions. <i>ChemCatChem</i> , 2019, 11, 2526-2536.	1.8	23
96	Highly selective oximation of aldehydes by reusable heterogeneous sandwich-type polyoxometalate catalyst. <i>Dalton Transactions</i> , 2012, 41, 9855.	1.6	22
97	Modular development of metal oxide/carbon composites for electrochemical energy conversion and storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13096-13102.	5.2	22
98	Photocatalytic syngas synthesis from CO <sub>2</sub> and H <sub>2</sub> O using ultrafine CeO <sub>2</sub> -decorated layered double hydroxide nanosheets under visible-light up to 600 nm. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 99-108.	2.3	22
99	Atomically dispersed Rh-doped NiFe layered double hydroxides: precise location of Rh and promoting hydrazine electrooxidation properties. <i>Nanoscale</i> , 2021, 13, 1869-1874.	2.8	22
100	Advanced Anode Materials for Sodium-Ion Batteries: Confining Polyoxometalates in Flexible Metal-Organic Frameworks by the "Breathing Effect". <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22186-22196.	4.0	22
101	Covalently grafting nonmesogenic moieties onto polyoxometalate for fabrication of thermotropic liquid-crystalline nanomaterials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 15-18.	2.7	21
102	Covalent Immobilization of Polyoxotungstate on Alumina and Its Catalytic Generation of Sulfoxides. <i>Chemistry - A European Journal</i> , 2016, 22, 11232-11238.	1.7	21
103	A multicomponent assembly approach for the design of deep desulfurization heterogeneous catalysts. <i>Dalton Transactions</i> , 2016, 45, 19511-19518.	1.6	21
104	Synergistic interaction of anions and cations in preparation of VPO catalysts promoted by polyoxometalate-ionic liquids. <i>Applied Catalysis A: General</i> , 2019, 582, 117106.	2.2	21
105	Highly Selective and Efficient Lewis Acid-Base Catalysts Based on Lanthanide-Containing Polyoxometalates for Oximation of Aldehydes and Ketones. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1659-1663.	1.0	20
106	Organic-inorganic hybrids formed by polyoxometalate-based surfactants with cationic polyelectrolytes and block copolymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2450-2454.	2.7	20
107	Reversible photodimerization of coumarin-modified Wells-Dawson anions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4388-4393.	2.7	20
108	Seeds embedded epitaxial growth strategy for PAN@LDH membrane with Mortise-Tenon structure as efficient adsorbent for particulate matter capture. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118312.	10.8	20

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109	Superhydrophobic Polyoxometalate/Calixarene Inorganic-Organic Hybrid Materials with Highly Efficient Desulfurization Ability. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 812-817.	1.0	18
110	Digital Control of Multistep Hydrothermal Synthesis by Using 3D Printed Reactionware for the Synthesis of Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16716-16720.	7.2	18
111	Fabrication of redox-active polyoxometalate-based ionic crystals onto single-walled carbon nanotubes as high-performance anode materials for lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1420-1427.	3.0	18
112	Confinement of PMO <sub>12</sub> in hollow SiO <sub>2</sub> -PMO <sub>12</sub> @rGO nanospheres for high-performance lithium storage. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 352-360.	3.0	18
113	Facile Immobilization of a Lewis Acid Polyoxometalate onto Layered Double Hydroxides for Highly Efficient N-Oxidation of Pyridine-Based Derivatives and Denitrogenation. <i>ChemCatChem</i> , 2015, 7, 3903-3910.	1.8	17
114	1-D Chain Tungstotellurate Hybrids Constructed from Organic-Ligand-Connecting Iron-Lanthanide Heterometal Encapsulated Tetrameric Polyoxotungstate Units. <i>Inorganic Chemistry</i> , 2019, 58, 9706-9712.	1.9	17
115	Devisable POM/Ni Foam Composite: Precisely Control Synthesis toward Enhanced Hydrogen Evolution Reaction at High pH. <i>Chemistry - A European Journal</i> , 2019, 25, 15548-15554.	1.7	17
116	<i>In Situ</i> Construction of MIL-100@NiMn-LDH Hierarchical Architectures for Highly Selective Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 16369-16378.	4.0	17
117	Supramolecular self-assembly and anion-dependence of copper(II) complexes with cationic dihydro-imidazo phenanthridinium (DIP)-containing ligands. <i>CrystEngComm</i> , 2008, 10, 1243.	1.3	16
118	Intercalation Effect in NiAl-layered Double Hydroxide Nanosheets for CO <sub>2</sub> Reduction Under Visible Light. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 127-133.	1.3	16
119	Color-Tunable Luminescent Films Based on the Hybrid Assemblies of [EuW <sub>10</sub> O <sub>36</sub> ] <sup>9-</sup> , Bis( <i>N</i> -methylacridinium) Nitrate, and Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1475-1480.	1.0	15
120	Polyoxometalate-based supramolecular hydrogels constructed through host-guest interactions. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 789-794.	3.0	15
121	Recent progress on the frontiers of polyoxometalates structures and applications. <i>Science China Chemistry</i> , 2019, 62, 159-161.	4.2	15
122	Mesoporous Polymer Loading Heteropolyacid Catalysts: One-Step Strategy To Manufacture High Value-Added Cellulose Acetate Propionate. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4975-4982.	3.2	14
123	Heteropolyacids and sulfonic acid-bifunctionalized organosilica spheres for efficient manufacture of cellulose acetate propionate with high viscosity. <i>Cellulose</i> , 2020, 27, 2437-2453.	2.4	14
124	Topological Transformation of Mg-Containing Layered Double Hydroxide Nanosheets for Efficient Photodriven CH <sub>4</sub> Coupling. <i>Chemistry - A European Journal</i> , 2021, 27, 13211-13220.	1.7	14
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