Xiaohong Wang

List of Publications by Year
in descending order

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142	4,731	87723 38	118652 62
papers	citations	h-index	g-index

144	144	144	4740
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrolysis of cellulose by the heteropoly acid H3PW12O40. Cellulose, 2010, 17, 587-594.	2.4	195
2	Conversion of fructose and glucose into 5-hydroxymethylfurfural catalyzed by a solid heteropolyacid salt. Biomass and Bioenergy, 2011, 35, 2659-2665.	2.9	168
3	Transesterification of Vegetable Oil to Biodiesel using a Heteropolyacid Solid Catalyst. Advanced Synthesis and Catalysis, 2007, 349, 1057-1065.	2.1	164
4	One pot production of 5-hydroxymethylfurfural with high yield from cellulose by a BrÃ¸nstedâ€“Lewisâ€“surfactant-combined heteropolyacid catalyst. Chemical Communications, 2011, 47, 2176.	2.2	158
5	High selective production of 5-hydroymethylfurfural from fructose by a solid heteropolyacid catalyst. Fuel, 2011, 90, 2289-2293.	3.4	139
6	Biodiesel production from high acid value waste frying oil catalyzed by superacid heteropolyacid. Biotechnology and Bioengineering, 2008, 101, 93-100.	1.7	133
7	New polyoxometalate/starch nanomaterial: synthesis, characterization and antitumoral activity. Dalton Transactions, 2003, , 957-960.	1.6	132
8	Highly efficient preparation of HMF from cellulose using temperature-responsive heteropolyacid catalysts in cascade reaction. Applied Catalysis B: Environmental, 2016, 196, 50-56.	10.8	125
9	One-pot depolymerization of cellulose into glucose and levulinic acid by heteropolyacid ionic liquid catalysis. RSC Advances, 2012, 2, 9058.	1.7	108
10	Biodiesel production from Eruca Sativa Gars vegetable oil and motor, emissions properties. Renewable Energy, 2009, 34, 1871-1876.	4.3	104
11	Fast catalytic degradation of organic dye with air and MoO3:Ce nanofibers under room condition. Applied Catalysis B: Environmental, 2009, 92, 333-340.	10.8	104
12	Polyoxometalates as peroxidase mimetics and their applications in H2O2 and glucose detection. Biosensors and Bioelectronics, 2012, 36, 18-21.	5.3	101
13	Single step conversion of cellulose to levulinic acid using temperature-responsive dodeca-aluminotungstic acid catalysts. Green Chemistry, 2016, 18, 742-752.	4.6	84
14	Zn_{1.2}H_{0.6}PW₁₂O₄₀ Nanotubes with Double Acid Sites as Heterogeneous Catalysts for the Production of Biodiesel from Waste Cooking Oil. ChemSusChem, 2009, 2, 177-183.	3.6	83
15	Synthesis and antitumor activity of cyclopentadienyltitanium substituted polyoxotungstate [CoW11O39(CpTi)]7â^' (Cp=Î·5-C5H5). Journal of Inorganic Biochemistry, 2003, 94, 279-284.	1.5	82
16	Catalytic wet air oxidation of dye pollutants by polyoxomolybdate nanotubes under room condition. Applied Catalysis B: Environmental, 2009, 86, 182-189.	10.8	79
17	New liposome-encapsulated-polyoxometalates: synthesis and antitumoral activity. Journal of Inorganic Biochemistry, 2005, 99, 452-457.	1.5	75
18	Clean production of glucose from polysaccharides using a micellar heteropolyacid as a heterogeneous catalyst. Applied Catalysis B: Environmental, 2011, 107, 104-109.	10.8	70

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19	A micro reaction-controlled phase-transfer catalyst for oxidative desulfurization based on polyoxometalate modified silica. Applied Catalysis A: General, 2013, 467, 26-32.	2.2	69
20	Oxidative desulfurization of dibenzothiophene with dioxygen and reverse micellar peroxotitanium under mild conditions. Applied Catalysis B: Environmental, 2011, 106, 343-349.	10.8	67
21	Synergic Catalysts of Polyoxometalate@Cationic Porous Aromatic Frameworks: Reciprocal Modulation of Both Capture and Conversion Materials. Advanced Materials, 2019, 31, e1902444.	11.1	65
22	Polyoxometalate-based Ionic liquid as thermoregulated and environmentally friendly catalyst for starch oxidation. Applied Catalysis B: Environmental, 2013, 138-139, 161-166.	10.8	61
23	Catalytic wet air oxidation of phenol with air and micellar molybdovanadophosphoric polyoxometalates under room condition. Applied Catalysis B: Environmental, 2010, 97, 127-134.	10.8	60
24	Assembly of folate-polyoxometalate hybrid spheres for colorimetric immunoassay like oxidase. Chemical Communications, 2011, 47, 2940.	2.2	60
25	Enzyme-like catalysis of polyoxometalates for chemiluminescence: Application in ultrasensitive detection of H2O2 and blood glucose. Talanta, 2019, 205, 120139.	2.9	56
26	Acidâ€“base bifunctional HPA nanocatalysts promoting heterogeneous transesterification and esterification reactions. Catalysis Science and Technology, 2013, 3, 2204.	2.1	50
27	A fast and facile electrochemical method for the simultaneous detection of epinephrine, uric acid and folic acid based on ZrO2/ZnO nanocomposites as sensing material. Analytica Chimica Acta, 2020, 1104, 69-77.	2.6	49
28	Fabrication of an inorganicâ€“organic hybrid based on an iron-substituted polyoxotungstate as a peroxidase for colorimetric immunoassays of H2O2 and cancer cells. Journal of Materials Chemistry A, 2013, 1, 4699.	5.2	48
29	Conversion of highly concentrated fructose into 5-hydroxymethylfurfural by acidâ€“base bifunctional HPA nanocatalysts induced by choline chloride. RSC Advances, 2014, 4, 63055-63061.	1.7	48
30	A heteropoly acid ionic crystal containing Cr as an active catalyst for dehydration of monosaccharides to produce 5-HMF in water. Catalysis Science and Technology, 2015, 5, 2496-2502.	2.1	48
31	Deep oxidative desulfurization catalyzed by (NH 4) 5 H 6 PV 8 Mo 4 O 40 using molecular oxygen as an oxidant. Fuel Processing Technology, 2017, 160, 136-142.	3.7	48
32	Synthesis and biological evaluation of decavanadate Na4Co(H2O)6V10O28Â·18H2O. Biomedicine and Pharmacotherapy, 2009, 63, 51-55.	2.5	46
33	Removal of organic dye by air and macroporous ZnO/MoO3/SiO2 hybrid under room conditions. Applied Surface Science, 2011, 257, 7913-7919.	3.1	46
34	Heteropolyacid Nanoreactor with Double Acid Sites as a Highly Efficient and Reusable Catalyst for the Transesterification of Waste Cooking Oil. Energy & Fuels, 2009, 23, 4640-4646.	2.5	42
35	Water-tolerant heteropolyacid on magnetic nanoparticles as efficient catalysts for esterification of free fatty acid. RSC Advances, 2013, 3, 13748.	1.7	41
36	Tailoring the Synergistic Bronsted-Lewis acidic effects in Heteropolyacid catalysts: Applied in Esterification and Transesterification Reactions. Scientific Reports, 2015, 5, 13764.	1.6	41

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37	Synthesis and characterization of polyoxometalates loaded starch nanocomplex and its antitumoral activity. European Journal of Medicinal Chemistry, 2008, 43, 1911-1917.	2.6	40
38	Lewis-acid-promoted catalytic cascade conversion of glycerol to lactic acid by polyoxometalates. Chemical Communications, 2016, 52, 3332-3335.	2.2	39
39	Hetropolyacidâ€Catalyzed Oxidation of Glycerol into Lactic Acid under Mild Baseâ€Free Conditions. ChemSusChem, 2015, 8, 4195-4201.	3.6	38
40	Lysine functional heteropolyacid nanospheres as bifunctional acidâ€“base catalysts for cascade conversion of glucose to levulinic acid. Fuel, 2016, 164, 262-266.	3.4	38
41	Catalyzing Cascade Production of Methyl Levulinate from Polysaccharides Using Heteropolyacids HnPW11MO39with BrÃ¸nsted/Lewis Acidic Sites. ACS Sustainable Chemistry and Engineering, 2018, 6, 165-176.	3.2	38
42	An ultrasensitive sensor based on polyoxometalate and zirconium dioxide nanocomposites hybrids material for simultaneous detection of toxic clenbuterol and ractopamine. Sensors and Actuators B: Chemical, 2019, 288, 347-355.	4.0	38
43	Electrochemical sensor based on anÂelectrode modified withÂporous graphitic carbon nitride nanosheetsÂ(C3N4)Âembedded in graphene oxideÂfor simultaneous determination of ascorbic acid, dopamine and uric acid. Mikrochimica Acta, 2020, 187, 149.	2.5	38
44	Designation of highly efficient catalysts for one pot conversion of glycerol to lactic acid. Scientific Reports, 2016, 6, 29840.	1.6	37
45	High production of levulinic acid from cellulosic feedstocks being catalyzed by temperature-responsive transition metal substituted heteropolyacids. Renewable Energy, 2019, 141, 802-813.	4.3	35
46	Degradation of dye on polyoxotungstate nanotube under molecular oxygen. Dyes and Pigments, 2008, 76, 113-117.	2.0	34
47	Degradation of Rhodamine B and Safraninâ€¶ by MoO₃:CeO₂Nanofibers and Air Using a Continuous Mode. Clean - Soil, Air, Water, 2010, 38, 268-274.	0.7	34
48	Fabrication of folate functionalized polyoxometalate nanoparticle to simultaneously detect H2O2 and sarcosine in colorimetry. Sensors and Actuators B: Chemical, 2020, 304, 127429.	4.0	34
49	A BrÃ¸nstedâ€“Lewis-surfactant-combined heteropolyacid as an environmental benign catalyst for esterification reaction. Catalysis Communications, 2012, 20, 103-106.	1.6	32
50	Fabrication of polyoxometalate/GO/PDDA hybrid nanocomposite modified electrode and electrocatalysis for nitrite ion, ascorbic acid and dopamine. Journal of Electroanalytical Chemistry, 2018, 824, 91-98.	1.9	32
51	Synthesis, characterization and in vitro antitumor activity of diorganometallo complexes Î³-Keggin anions. Inorganic Chemistry Communication, 2001, 4, 372-374.	1.8	31
52	A heteropolyacid-based ionic liquid as a thermoregulated and environmentally friendly catalyst in esterification reaction under microwave assistance. Catalysis Communications, 2013, 42, 125-128.	1.6	31
53	In situ loading of polyurethane/negative ion powder composite film with visible-light-responsive Ag3PO4@AgBr particles for photocatalytic and antibacterial applications. European Polymer Journal, 2020, 125, 109515.	2.6	31
54	Ag@AgCl nanoparticles in-situ deposited cellulose acetate/silk fibroin composite film for photocatalytic and antibacterial applications. Cellulose, 2020, 27, 7721-7737.	2.4	28

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55	A water-tolerant C16H3PW11CrO39 catalyst for the efficient conversion of monosaccharides into 5-hydroxymethylfurfural in a micellar system. RSC Advances, 2013, 3, 23051.	1.7	27
56	Heteropolyacids embedded in a lipid bilayer covalently bonded to graphene oxide for the facile one-pot conversion of glycerol to lactic acid. Journal of Materials Chemistry A, 2017, 5, 8325-8333.	5.2	27
57	Assembly of metallophthalocyanine-polyoxometalate hybrid for highly efficient desulfurization of organic and inorganic sulfur under aerobic conditions. Fuel, 2019, 241, 861-869.	3.4	27
58	SYNTHESIS OF ISOMERS OF ORGANOTIN SUBSTITUTED POLYOXOTUNGSTATES AND COMPARISON OF THE ANTITUMOR ACTIVITY OF ISOMERS. Main Group Metal Chemistry, 2002, 25, .	0.6	26
59	Designation of choline functionalized polyoxometalates as highly active catalysts in aerobic desulfurization on a combined oxidation and extraction procedure. Fuel, 2017, 207, 13-21.	3.4	26
60	Polyoxotungstates containing uranyl group: Germanotungstates with Keggin sandwich structure. Inorganic Chemistry Communication, 2006, 9, 1331-1334.	1.8	25
61	Effect of carbon supports on RhRe bifunctional catalysts for selective hydrogenolysis of tetrahydropyran-2-methanol. Catalysis Science and Technology, 2016, 6, 7841-7851.	2.1	25
62	W doped vanadium oxide nanotubes: Synthesis and characterization. Materials Letters, 2007, 61, 1328-1332.	1.3	23
63	Inorganic-bimolecular hybrids based on polyoxometalates: Intrinsic oxidase catalytic activity and their application to cancer immunoassay. Sensors and Actuators B: Chemical, 2015, 208, 497-504.	4.0	23
64	The fabrication of IMo₆@iPAF-1 as an enzyme mimic in heterogeneous catalysis for oxidative desulfurization under O₂ or air. Journal of Materials Chemistry A, 2020, 8, 9813-9824.	5.2	23
65	Polyoxometalates as catalysts for fluorescence amplification in rapid and sensitive detection of artemisinin. Analytica Chimica Acta, 2021, 1143, 101-108.	2.6	23
66	Synthesis of Butyl Levulinate Based on Î±â€Angelica Lactone in the Presence of Easily Separable Heteropoly Acid Catalysts. ChemSusChem, 2017, 10, 1494-1500.	3.6	22
67	Polyoxometalate Immobilized on Graphene via Click Reaction for Simultaneous Dismutation of H₂O₂ and Oxidation of Sulfur Mustard Simulant. ACS Applied Nano Materials, 2019, 2, 6971-6981.	2.4	21
68	Aerobic oxidation of starch catalyzed by isopolyoxovanadate Na4Co(H2O)6V10O28. Carbohydrate Polymers, 2015, 117, 673-680.	5.1	20
69	Fabrication of Metal-Substituted Polyoxometalates for Colorimetric Detection of Dopamine and Ractopamine. Materials, 2018, 11, 674.	1.3	20
70	Fabrication of Trifunctional Polyoxometalateâ€Đecorated Chitosan Nanofibers for Selective Production of 2,5â€Điformylfuran. ChemSusChem, 2019, 12, 3515-3523.	3.6	20
71	Preparation, characterization and in vitro antitumoral activity of a nanosize liposome complex encapsulated polyoxotungstate K6H2[CoW11TiO40]. Transition Metal Chemistry, 2004, 29, 96-99.	0.7	19
72	Fabrication of mesoporous POMs/SiO₂nanofibers through electrospinning for oxidative conversion of biomass by H₂O₂and oxygen. RSC Advances, 2018, 8, 3499-3511.	1.7	19

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73	POM@surf(n)/CeO2 electrospun nanofibers for the facile oxidation of 5-HMF to DFF. Applied Catalysis A: General, 2019, 583, 117122.	2.2	19
74	Synthesis and crystal structure of the dimeric, Tiâ€“Oâ€“Ti bridged hydrid form polyoxoanion [Î±-1,2-PW 10 Ti 2 O 39] 2 10â^'. Inorganic Chemistry Communication, 2002, 5, 796-799.	1.8	18
75	Fabrication of micellar heteropolyacid catalysts for clean production of monosaccharides from polysaccharides. Catalysis Communications, 2011, 12, 1483-1487.	1.6	18
76	Homogeneous borotungstic acid and heterogeneous micellar borotungstic acid catalysts for biodiesel production by esterification of free fatty acid. Biomass and Bioenergy, 2015, 76, 31-42.	2.9	18
77	First triple-functional polyoxometalate Cs10.6[H2.4GeNb13O41] for highly selective production of methyl levulinate directly from cellulose. Cellulose, 2018, 25, 6405-6419.	2.4	18
78	Full Utilization of Lignocellulose with Ionic Liquid Polyoxometalates in a Oneâ€Pot Threeâ€Step Conversion. ChemSusChem, 2019, 12, 4936-4945.	3.6	17
79	Synthesis and structure of dititanium-containing 10-tungstogermanate [{Î³-GeTi2W10O36(OH)2}2(Î¼-O)2]8â^'. Inorganic Chemistry Communication, 2008, 11, 835-836.	1.8	16
80	Catalytic wet peroxide oxidation of phenol by [C₁₆H₃₃(CH₃)₃N]₄H₂SiV₂W₁₀O₄₀ catalyst. RSC Advances, 2014, 4, 7266-7274.	3.7	16
81	A highly active willow-derived sulfonated carbon material with macroporous structure for production of glucose. Cellulose, 2015, 22, 675-682.	2.4	16
82	Fabrication of ordered mesoporous POMs/SiO2â€“NH2 nanofibers for production of DFF from 5-HMF for cellulose wastewater resource recovery. Chemosphere, 2021, 277, 130316.	4.2	16
83	Polyoxometalates supporting cyclopendienylzirconium : a new kind of olefin polymerization catalyst. Inorganic Chemistry Communication, 2005, 8, 70-71.	1.8	15
84	Effect of Cs content on CsxH5â^'xPMo10V2O40 properties and oxidative catalytic activity on starch oxidation by H2O2. RSC Advances, 2014, 4, 11232.	1.7	15
85	Oxidative Desulfurization by Oxygen Using Amphiphilic Quaternary Ammonium Peroxovanadium Polyoxometalates. Catalysis Surveys From Asia, 2015, 19, 257-264.	1.0	15
86	Expression Levels of Interferon Regulatory Factor 5 (IRF5) and Related Inflammatory Cytokines Associated with Severity, Prognosis, and Causative Pathogen in Patients with Community-Acquired Pneumonia. Medical Science Monitor, 2018, 24, 3620-3630.	0.5	15
87	Dendritic and tubular tungsten oxide by surface solâ€“gel mineralisation of cellulosic substance. Materials Letters, 2007, 61, 3939-3941.	1.3	14
88	Ultra-deep desulfurization via reactive adsorption on peroxophosphomolybdate/agarose hybrids. Chemosphere, 2014, 111, 631-637.	4.2	14
89	Hydrolysis and alcoholysis of polysaccharides with high efficiency catalyzed by a (C₁₆TA)_xH_{6â^'x}P₂W₁₈O₆₂ nanoassembly. RSC Advances, 2015, 5, 94155-94163.	1.7	14
90	Visual detection of H₂O₂ and melamine based on PW₁₁MO₃₉^{nâ^'} (M = Cu²⁺, Co²⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf PW₉M₃O₃₄^{nâ^'} (M = Cu²⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 47	1.4	14

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91	Mixed salts of silver and ammonium derivatives of molybdovanadophosphoric acid to improve the catalytic performance in the oxidation of starch. Catalysis Today, 2014, 234, 264-270.	2.2	13
92	A recyclable thermo-responsive catalytic system based on poly(N-isopropylacrylamide)-coated POM@SBA-15 nanospheres. Catalysis Communications, 2014, 51, 29-32.	1.6	13
93	A novel organically templated three-dimensional open framework vanadium tellurite: (NH3CH2CH2NH3)2V2Te6O18. Journal of Solid State Chemistry, 2005, 178, 1825-1829.	1.4	12
94	Thermo-responsive polymer micelle-based nanoreactors for intelligent polyoxometalate catalysis. Catalysis Communications, 2015, 58, 164-168.	1.6	12
95	Fast degradation of phthalate acid esters by polyoxometalate nanocatalysts through adsorption, esterolysis and oxidation. Journal of Hazardous Materials, 2019, 368, 788-796.	6.5	12
96	Degradation of phenol accumulated in a micellar molybdovanadophosphate nanoreactor by air at ambient temperature and atmospheric pressure. Dalton Transactions, 2010, 39, 5087.	1.6	11
97	Synthesis, crystal structure and antitumor activities of the dimeric silicotungstate containing cobalt: Na5K7[{Î²-SiCo2W10O36(OH)2(H2O)}2] Â·39.5H2O. Inorganic Chemistry Communication, 2012, 25, 70-73.	1.8	11
98	Polyoxometalates acid treatment for preparing starch nanoparticles. Carbohydrate Polymers, 2014, 112, 520-524.	5.1	11
99	Fabrication of H₃PW₁₂O₄₀/agarose membrane for catalytic production of biodiesel through esterification and transesterification. RSC Advances, 2016, 6, 81794-81801.	1.7	11
100	Surfactant decorated hydrotalcite-supported polyoxometalates for aerobic oxidation of 5-hydroxymethylfurfural and monosaccharides. Sustainable Energy and Fuels, 2020, 4, 2236-2248.	2.5	11
101	Decoration of chitosan microspheres with BrÃ¸nsted heteropolyacids and Lewis ion Ti: trifunctional catalysts for esterification to biodiesel. RSC Advances, 2017, 7, 42422-42429.	1.7	11
102	Î²-diketone-cobalt complexes inhibit DNA synthesis and induce S-phase arrest in rat C6 glioma cells. Oncology Letters, 2014, 7, 881-885.	0.8	10
103	Decoratedâ€magneticâ€nanoparticleâ€supported bromine as a recyclable catalyst for the oxidation of sulfides. Journal of Applied Polymer Science, 2018, 135, 46036.	1.3	10
104	A promising role of interferon regulatory factor 5 as an early warning biomarker for the development of human non-small cell lung cancer. Lung Cancer, 2019, 135, 47-55.	0.9	10
105	The fabrication of trifunctional polyoxometalate hybrids for the cascade conversion of glycerol to lactic acid. Catalysis Science and Technology, 2020, 10, 207-214.	2.1	10
106	Study on antitumor activity of metal-based diketone complexes. Medicinal Chemistry Research, 2012, 21, 1071-1076.	1.1	9
107	Temperature-Responsive Polyoxometalate Catalysts for DBT Desulfurization in One-Pot Oxidation Combined with Extraction. Catalysis Surveys From Asia, 2016, 20, 98-108.	1.0	9
108	A Polyoxometalateâ€Based Microfluidic Device for Liquidâ€Phase Oxidation of Glycerol. ChemSusChem, 2019, 12, 2550-2553.	3.6	9

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109	Developing Dawson-Type Polyoxometalates Used as Highly Efficient Catalysts for Lignocellulose Transformation. ACS Catalysis, 2022, 12, 9213-9225.	5.5	9
110	Synthesis, Properties and Biological Activity of Organotitanium Substituted Heteropolytungstates. Metal-Based Drugs, 2001, 8, 179-182.	3.8	8
111	Synthesis and biological activity of triorganogermanium substituted heteropolytungstates. Polyhedron, 2008, 27, 1150-1154.	1.0	8
112	A micellar polyoxoperoxometalate [C16H33N(CH3)3]7[PW10Ti2O38(O2)2]: A highly efficient and stable catalyst for air oxidation of thiocyanate under room conditions. Catalysis Communications, 2011, 12, 384-387.	1.6	8
113	Hydrogen peroxide as an oxidant in starch oxidation using molybdovanadophosphate for producing a high carboxylic content. RSC Advances, 2015, 5, 45725-45730.	1.7	8
114	An Oligodeoxynucleotide with AAAG Repeats Significantly Attenuates Burn-induced Systemic inflammatory Responses by inhibiting interferon Regulatory Factor 5 Pathway. Molecular Medicine, 2017, 23, 166-176.	1.9	8
115	Genetic variants of interferon regulatory factor 5 associated with the risk of community-acquired pneumonia. Gene, 2018, 679, 73-80.	1.0	8
116	Syntheses, properties and biological activity of organogermanium substituted heteropolytungstates. Inorganic Chemistry Communication, 2007, 10, 216-219.	1.8	7
117	Incorporation of Ce3+ ions into dodecatungstophosphoric acid for the production of biodiesel from waste cooking oil. Materials Science and Engineering C, 2018, 92, 922-931.	3.8	7
118	Oxidation of phthalate acid esters using hydrogen peroxide and polyoxometalate/graphene hybrids. Journal of Hazardous Materials, 2022, 422, 126867.	6.5	7
119	Synthesis and biological evaluation of cyclopenten-1-one Mannich base oxovanadium compound. Medicinal Chemistry Research, 2010, 19, 1162-1173.	1.1	6
120	Synthesis and Crystal Structure of a Rare Tetraâ€Yttriumâ€Supported Krebsâ€Type Tungstoantimonate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1178-1180.	0.6	6
121	Aerobic oxidation of glycerol catalyzed by M salts of PMo12O403-(M = K+, Zn2+, Cu2+, Al3+, Cr3+, Fe3+). Applied Catalysis A: General, 2019, 579, 52-57.	2.2	6
122	Heterogenization of polyoxometalates as solid catalysts in aerobic oxidation of glycerol. Catalysis Science and Technology, 2020, 10, 3771-3781.	2.1	6
123	Fabrication of Cs2.5H0.5PW12O40 three-dimensional ordered film by colloidal crystal template. Journal of Solid State Chemistry, 2009, 182, 1661-1665.	1.4	5
124	Three-dimensional films of photoluminescent polyoxometalates fabricated by a colloidal crystal template. Thin Solid Films, 2009, 518, 154-159.	0.8	5
125	Design of a Highly Efficient Indium-Exchanged Heteropolytungstic Acid for Glycerol Esterification with Acetic Acid. Catalysis Surveys From Asia, 2016, 20, 82-90.	1.0	5
126	Oxidation of SCNâ¯ with air and micellar polyoxoperoxometalates. Chemosphere, 2013, 90, 318-322.	4.2	4

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127	Facile one-pot synthesis of mesoporous heteropolyacids-silica hybrid for catalytic wet hydrogen peroxide oxidation of phenol. Journal of Sol-Gel Science and Technology, 2014, 72, 663-667.	1.1	4
128	Efficient mineralization of phenol by a temperature-responsive polyoxometalate catalyst under wet peroxide oxidation at lower temperatures. RSC Advances, 2017, 7, 43681-43688.	1.7	4
129	Degradation of phenol by air and polyoxometalate nanofibers using a continuous mode. RSC Advances, 2014, 4, 25404-25409.	1.7	3
130	Hydroxyapatiteâ€Supported Polyoxometalates for the Highly Selective Aerobic Oxidation of 5â€Hydroxymethylfurfural or Glucose to 2,5â€Diformylfuran under Atmospheric Pressure. ChemPlusChem, 2021, 86, 997-1005.	1.3	3
131	Synthesis, Characterization, and Antitumoral Activity of Polyoxometalate Loaded Starch Nanocomplexes. Journal of Nanoscience and Nanotechnology, 2005, 5, 905-908.	0.9	3
132	Polyoxometalate-based Colloidal Crystal Thin Film. Chemistry Letters, 2007, 36, 260-261.	0.7	2
133	Fabrication of a Dendritic Heteropolyacid as Selfâ€Separated, Waterâ€Resistant Catalyst for Biodiesel Fuel Production. Energy Technology, 2015, 3, 871-877.	1.8	2
134	Production of Biodiesel Through Esterification Reaction Using Choline Exchanging Polytungstoboronic Acids as Temperature-Responsive Catalysts. Catalysis Surveys From Asia, 2017, 21, 151-159.	1.0	2
135	Achieving deep desulfurization with inverse-micellar polyoxometalates and oxygen. RSC Advances, 2021, 11, 9043-9047.	1.7	2
136	Amphiphilic peroxo polyoxometalate as reaction control phase transfer catalyst for efficient epoxidation of olefins. Micro and Nano Letters, 2021, 16, 615-620.	0.6	2
137	Facile preparation of polyoxometalate nanoparticles via a solid-state chemical reaction for aerobic oxidative desulfurization catalysis. Dalton Transactions, 2021, 50, 12179-12187.	1.6	2
138	Synthesis of heteropolyacid (HPA) functionalized graphitic carbon nitride as effective catalysts for converting polysaccharides into high-value chemicals. Resources, Conservation and Recycling, 2022, 185, 106473.	5.3	2
139	Micellar Molybdovanadophosphates Producing High Content of Carboxylic Acids from Starch Using Hydrogen Peroxide. Catalysis Surveys From Asia, 2015, 19, 123-128.	1.0	1
140	POMs nanofibers for the oxidation of 5-HMF with O₂. Chinese Science Bulletin, 2020, 65, 940-947.	0.4	1
141	Synthesis and Characterization of Î²-Diketonato Titanium Derivatives of Polyoxometalates. Synthetic Communications, 2003, 33, 3919-3927.	1.1	0
142	PIC catalysis based on polyoxometalates promoting 5-HMF oxidation in H2O/MIBK biphase. Chinese Chemical Letters, 2023, 34, 107548.	4.8	0