Xiaohong Wang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | PIC catalysis based on polyoxometalates promoting 5-HMF oxidation in H2O/MIBK biphase. Chinese Chemical Letters, 2023, 34, 107548. | 9.0 | 0 |
| 2 | Oxidation of phthalate acid esters using hydrogen peroxide and polyoxometalate/graphene hybrids. Journal of Hazardous Materials, 2022, 422, 126867. | 12.4 | 7 |
| 3 | 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. | 10.8 | 2 |
| 4 | Developing Dawson-Type Polyoxometalates Used as Highly Efficient Catalysts for Lignocellulose Transformation. ACS Catalysis, 2022, 12, 9213-9225. | 11.2 | 9 |
| 5 | Polyoxometalates as catalysts for fluorescence amplification in rapid and sensitive detection of artemisinin. Analytica Chimica Acta, 2021, 1143, 101-108. | 5.4 | 23 |
| 6 | Achieving deep desulfurization with inverse-micellar polyoxometalates and oxygen. RSC Advances, 2021, 11, 9043-9047. | 3.6 | 2 |
| 7 | 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. | 2.8 | 3 |
| 8 | Fabrication of ordered mesoporous POMs/SiO2–NH2 nanofibers for production of DFF from 5-HMF for cellulose wastewater resource recovery. Chemosphere, 2021, 277, 130316. | 8.2 | 16 |
| 9 | Amphiphilic peroxo polyoxometalate as reaction control phase transfer catalyst for efficient epoxidation of olefins. Micro and Nano Letters, 2021, 16, 615-620. | 1.3 | 2 |
| 10 | Facile preparation of polyoxometalate nanoparticles <i>via</i> a solid-state chemical reaction for aerobic oxidative desulfurization catalysis. Dalton Transactions, 2021, 50, 12179-12187. | 3.3 | 2 |
| 11 | 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. | 5.4 | 49 |
| 12 | The fabrication of trifunctional polyoxometalate hybrids for the cascade conversion of glycerol to lactic acid. Catalysis Science and Technology, 2020, 10, 207-214. | 4.1 | 10 |
| 13 | Fabrication of folate functionalized polyoxometalate nanoparticle to simultaneously detect H2O2 and sarcosine in colorimetry. Sensors and Actuators B: Chemical, 2020, 304, 127429. | 7.8 | 34 |
| 14 | Heterogenization of polyoxometalates as solid catalysts in aerobic oxidation of glycerol. Catalysis Science and Technology, 2020, 10, 3771-3781. | 4.1 | 6 |
| 15 | Ag@AgCl nanoparticles in-situ deposited cellulose acetate/silk fibroin composite film for photocatalytic and antibacterial applications. Cellulose, 2020, 27, 7721-7737. | 4.9 | 28 |
| 16 | Surfactant decorated hydrotalcite-supported polyoxometalates for aerobic oxidation of 5-hydroxymethylfurfural and monosaccharides. Sustainable Energy and Fuels, 2020, 4, 2236-2248. | 4.9 | 11 |
| 17 | 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. | 5.4 | 31 |
| 18 | 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. | 5.0 | 38 |

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|----|---|-------------------------------|------------------------------------|
| 19 | The fabrication of IMo ₆ @iPAF-1 as an enzyme mimic in heterogeneous catalysis for oxidative desulfurization under O ₂ or air. Journal of Materials Chemistry A, 2020, 8, 9813-9824. | 10.3 | 23 |
| 20 | POMs nanofibers for the oxidation of 5-HMF with O ₂ . Chinese Science Bulletin, 2020, 65, 940-947. | 0.7 | 1 |
| 21 | Synergic Catalysts of Polyoxometalate@Cationic Porous Aromatic Frameworks: Reciprocal Modulation of Both Capture and Conversion Materials. Advanced Materials, 2019, 31, e1902444. | 21.0 | 65 |
| 22 | Enzyme-like catalysis of polyoxometalates for chemiluminescence: Application in ultrasensitive detection of H2O2 and blood glucose. Talanta, 2019, 205, 120139. | 5.5 | 56 |
| 23 | 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. | 2.0 | 10 |
| 24 | Polyoxometalate Immobilized on Graphene via Click Reaction for Simultaneous Dismutation of H ₂ O ₂ and Oxidation of Sulfur Mustard Simulant. ACS Applied Nano Materials, 2019, 2, 6971-6981. | 5.0 | 21 |
| 25 | Full Utilization of Lignocellulose with Ionic Liquid Polyoxometalates in a Oneâ€Pot Threeâ€Step Conversion. ChemSusChem, 2019, 12, 4936-4945. | 6.8 | 17 |
| 26 | Fabrication of Trifunctional Polyoxometalateâ€Decorated Chitosan Nanofibers for Selective Production of 2,5â€Diformylfuran. ChemSusChem, 2019, 12, 3515-3523. | 6.8 | 20 |
| 27 | POM@surf(n)/CeO2 electrospun nanofibers for the facile oxidation of 5-HMF to DFF. Applied Catalysis A: General, 2019, 583, 117122. | 4.3 | 19 |
| 28 | 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. | 4.3 | 6 |
| 29 | High production of levulinic acid from cellulosic feedstocks being catalyzed by temperature-responsive transition metal substituted heteropolyacids. Renewable Energy, 2019, 141, 802-813. | 8.9 | 35 |
| 30 | A Polyoxometalateâ€Based Microfluidic Device for Liquidâ€Phase Oxidation of Glycerol. ChemSusChem, 2019, 12, 2550-2553. | 6.8 | 9 |
| 31 | 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. | 7.8 | 38 |
| 32 | Fast degradation of phthalate acid esters by polyoxometalate nanocatalysts through adsorption, esterolysis and oxidation. Journal of Hazardous Materials, 2019, 368, 788-796. | 12.4 | 12 |
| 33 | Visual detection of H ₂ O ₂ and melamine based on PW ₁₁ MO ₃₉ ^{nâ^'} (M = Cu ²⁺ , Co ²⁺ ,) Tj ETQq1 PW ₉ M ₃ O ₃₄ ^{nâ^'} (M = Cu ²⁺ ,) Tj ETQq1 1 0.784 | 1 0.78431 2.8 1314 rgBT | 4 rgBT /Over 14 /Overlock 11 |
| 34 | Assembly of metallophthalocyanine-polyoxometalate hybrid for highly efficient desulfurization of organic and inorganic sulfur under aerobic conditions. Fuel, 2019, 241, 861-869. | 6.4 | 27 |
| 35 | Fabrication of mesoporous POMs/SiO ₂ nanofibers through electrospinning for oxidative conversion of biomass by H ₂ O ₂ and oxygen. RSC Advances, 2018, 8, 3499-3511. | 3.6 | 19 |
| 36 | Decoratedâ€magneticâ€nanoparticleâ€supported bromine as a recyclable catalyst for the oxidation of sulfides. Journal of Applied Polymer Science, 2018, 135, 46036. | 2.6 | 10 |

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|----|--|------|-----------|
| 37 | Catalyzing Cascade Production of Methyl Levulinate from Polysaccharides Using Heteropolyacids HnPW11MO39with BrAֻnsted/Lewis Acidic Sites. ACS Sustainable Chemistry and Engineering, 2018, 6, 165-176. | 6.7 | 38 |
| 38 | 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. | 1.1 | 15 |
| 39 | First triple-functional polyoxometalate Cs10.6[H2.4GeNb13O41] for highly selective production of methyl levulinate directly from cellulose. Cellulose, 2018, 25, 6405-6419. | 4.9 | 18 |
| 40 | Genetic variants of interferon regulatory factor 5 associated with the risk of community-acquired pneumonia. Gene, 2018, 679, 73-80. | 2.2 | 8 |
| 41 | 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. | 7.3 | 7 |
| 42 | 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. | 3.8 | 32 |
| 43 | Fabrication of Metal-Substituted Polyoxometalates for Colorimetric Detection of Dopamine and Ractopamine. Materials, 2018, 11, 674. | 2.9 | 20 |
| 44 | Synthesis of Butyl Levulinate Based on αâ€Angelica Lactone in the Presence of Easily Separable Heteropoly Acid Catalysts. ChemSusChem, 2017, 10, 1494-1500. | 6.8 | 22 |
| 45 | 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. | 10.3 | 27 |
| 46 | 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. | 7.2 | 48 |
| 47 | Designation of choline functionalized polyoxometalates as highly active catalysts in aerobic desulfurization on a combined oxidation and extraction procedure. Fuel, 2017, 207, 13-21. | 6.4 | 26 |
| 48 | Production of Biodiesel Through Esterification Reaction Using Choline Exchanging Polytungstoboronic Acids as Temperature-Responsive Catalysts. Catalysis Surveys From Asia, 2017, 21, 151-159. | 2.6 | 2 |
| 49 | Efficient mineralization of phenol by a temperature-responsive polyoxometalate catalyst under wet peroxide oxidation at lower temperatures. RSC Advances, 2017, 7, 43681-43688. | 3.6 | 4 |
| 50 | 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. | 4.4 | 8 |
| 51 | Decoration of chitosan microspheres with BrĄ̃nsted heteropolyacids and Lewis ion Ti: trifunctional catalysts for esterification to biodiesel. RSC Advances, 2017, 7, 42422-42429. | 3.6 | 11 |
| 52 | Highly efficient preparation of HMF from cellulose using temperature-responsive heteropolyacid catalysts in cascade reaction. Applied Catalysis B: Environmental, 2016, 196, 50-56. | 20.2 | 125 |
| 53 | Effect of carbon supports on RhRe bifunctional catalysts for selective hydrogenolysis of tetrahydropyran-2-methanol. Catalysis Science and Technology, 2016, 6, 7841-7851. | 4.1 | 25 |
| 54 | Fabrication of H ₃ PW ₁₂ O ₄₀ /agarose membrane for catalytic production of biodiesel through esterification and transesterification. RSC Advances, 2016, 6, 81794-81801. | 3.6 | 11 |

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|----|---|------|-----------|
| 55 | Designation of highly efficient catalysts for one pot conversion of glycerol to lactic acid. Scientific Reports, 2016, 6, 29840. | 3.3 | 37 |
| 56 | Lewis-acid-promoted catalytic cascade conversion of glycerol to lactic acid by polyoxometalates. Chemical Communications, 2016, 52, 3332-3335. | 4.1 | 39 |
| 57 | Design of a Highly Efficient Indium-Exchanged Heteropolytungstic Acid for Glycerol Esterification with Acetic Acid. Catalysis Surveys From Asia, 2016, 20, 82-90. | 2.6 | 5 |
| 58 | Temperature-Responsive Polyoxometalate Catalysts for DBT Desulfurization in One-Pot Oxidation Combined with Extraction. Catalysis Surveys From Asia, 2016, 20, 98-108. | 2.6 | 9 |
| 59 | Lysine functional heteropolyacid nanospheres as bifunctional acid–base catalysts for cascade conversion of glucose to levulinic acid. Fuel, 2016, 164, 262-266. | 6.4 | 38 |
| 60 | Single step conversion of cellulose to levulinic acid using temperature-responsive dodeca-aluminotungstic acid catalysts. Green Chemistry, 2016, 18, 742-752. | 9.0 | 84 |
| 61 | Tailoring the Synergistic Bronsted-Lewis acidic effects in Heteropolyacid catalysts: Applied in Esterification and Transesterification Reactions. Scientific Reports, 2015, 5, 13764. | 3.3 | 41 |
| 62 | Hetropolyacid atalyzed Oxidation of Glycerol into Lactic Acid under Mild Baseâ€Free Conditions. ChemSusChem, 2015, 8, 4195-4201. | 6.8 | 38 |
| 63 | Fabrication of a Dendritic Heteropolyacid as Self‣eparated, Waterâ€Resistant Catalyst for Biodiesel Fuel Production. Energy Technology, 2015, 3, 871-877. | 3.8 | 2 |
| 64 | A highly active willow-derived sulfonated carbon material with macroporous structure for production of glucose. Cellulose, 2015, 22, 675-682. | 4.9 | 16 |
| 65 | Aerobic oxidation of starch catalyzed by isopolyoxovanadate Na4Co(H2O)6V10O28. Carbohydrate Polymers, 2015, 117, 673-680. | 10.2 | 20 |
| 66 | 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. | 4.1 | 48 |
| 67 | Micellar Molybdovanadophosphates Producing High Content of Carboxylic Acids from Starch Using Hydrogen Peroxide. Catalysis Surveys From Asia, 2015, 19, 123-128. | 2.6 | 1 |
| 68 | Hydrogen peroxide as an oxidant in starch oxidation using molybdovanadophosphate for producing a high carboxylic content. RSC Advances, 2015, 5, 45725-45730. | 3.6 | 8 |
| 69 | 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. | 5.7 | 18 |
| 70 | Oxidative Desulfurization by Oxygen Using Amphiphilic Quaternary Ammonium Peroxovanadium Polyoxometalates. Catalysis Surveys From Asia, 2015, 19, 257-264. | 2.6 | 15 |
| 71 | Hydrolysis and alcoholysis of polysaccharides with high efficiency catalyzed by a (C ₁₆ TA) _x H _{6â^²x} P ₂ W ₁₈ O ₆₂ nanoassembly. RSC Advances, 2015, 5, 94155-94163. | 3.6 | 14 |
| 72 | 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. | 7.8 | 23 |

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| 73 | Thermo-responsive polymer micelle-based nanoreactors for intelligent polyoxometalate catalysis. Catalysis Communications, 2015, 58, 164-168. | 3.3 | 12 |
| 74 | β-diketone-cobalt complexes inhibit DNA synthesis and induce S-phase arrest in rat C6 glioma cells. Oncology Letters, 2014, 7, 881-885. | 1.8 | 10 |
| 75 | 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. | 2.4 | 4 |
| 76 | 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. | 4.4 | 13 |
| 77 | A recyclable thermo-responsive catalytic system based on poly(N-isopropylacrylamide)-coated POM@SBA-15 nanospheres. Catalysis Communications, 2014, 51, 29-32. | 3.3 | 13 |
| 78 | Conversion of highly concentrated fructose into 5-hydroxymethylfurfural by acid–base bifunctional HPA nanocatalysts induced by choline chloride. RSC Advances, 2014, 4, 63055-63061. | 3.6 | 48 |
| 79 | Catalytic wet peroxide oxidation of phenol by [C ₁₆ H ₃₃ (CH ₃) ₃ N] ₄ H ₂ SiV _{2 catalyst. RSC Advances, 2014, 4, 7266-7274.} | 2 <b sud>>W | <sub>10</s |
| 80 | Degradation of phenol by air and polyoxometalate nanofibers using a continuous mode. RSC Advances, 2014, 4, 25404-25409. | 3.6 | 3 |
| 81 | Effect of Cs content on CsxH5â^'xPMo10V2O40 properties and oxidative catalytic activity on starch oxidation by H2O2. RSC Advances, 2014, 4, 11232. | 3.6 | 15 |
| 82 | Polyoxometalates acid treatment for preparing starch nanoparticles. Carbohydrate Polymers, 2014, 112, 520-524. | 10.2 | 11 |
| 83 | Ultra-deep desulfurization via reactive adsorption on peroxophosphomolybdate/agarose hybrids. Chemosphere, 2014, 111, 631-637. | 8.2 | 14 |
| 84 | A water-tolerant C16H3PW11CrO39 catalyst for the efficient conversion of monosaccharides into 5-hydroxymethylfurfural in a micellar system. RSC Advances, 2013, 3, 23051. | 3.6 | 27 |
| 85 | A heteropolyacid-based ionic liquid as a thermoregulated and environmentally friendly catalyst in esterification reaction under microwave assistance. Catalysis Communications, 2013, 42, 125-128. | 3.3 | 31 |
| 86 | Oxidation of SCNâ [~] with air and micellar polyoxoperoxometalates. Chemosphere, 2013, 90, 318-322. | 8.2 | 4 |
| 87 | Polyoxometalate-based Ionic liquid as thermoregulated and environmentally friendly catalyst for starch oxidation. Applied Catalysis B: Environmental, 2013, 138-139, 161-166. | 20.2 | 61 |
| 88 | Fabrication of an inorganic–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. | 10.3 | 48 |
| 89 | Water-tolerant heteropolyacid on magnetic nanoparticles as efficient catalysts for esterification of free fatty acid. RSC Advances, 2013, 3, 13748. | 3.6 | 41 |
| 90 | Acid–base bifunctional HPA nanocatalysts promoting heterogeneous transesterification and esterification reactions. Catalysis Science and Technology, 2013, 3, 2204. | 4.1 | 50 |

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|-----|---|------|-----------|
| 91 | A micro reaction-controlled phase-transfer catalyst for oxidative desulfurization based on polyoxometalate modified silica. Applied Catalysis A: General, 2013, 467, 26-32. | 4.3 | 69 |
| 92 | Synthesis, crystal structure and antitumor activities of the dimeric silicotungstate containing cobalt: Na5K7[{β-SiCo2W10O36(OH)2(H2O)}2] ·39.5H2O. Inorganic Chemistry Communication, 2012, 25, 70-73. | 3.9 | 11 |
| 93 | One-pot depolymerization of cellulose into glucose and levulinic acid by heteropolyacid ionic liquid catalysis. RSC Advances, 2012, 2, 9058. | 3.6 | 108 |
| 94 | Polyoxometalates as peroxidase mimetics and their applications in H2O2 and glucose detection. Biosensors and Bioelectronics, 2012, 36, 18-21. | 10.1 | 101 |
| 95 | Study on antitumor activity of metal-based diketone complexes. Medicinal Chemistry Research, 2012, 21, 1071-1076. | 2.4 | 9 |
| 96 | A BrÃ,nsted–Lewis-surfactant-combined heteropolyacid as an environmental benign catalyst for esterification reaction. Catalysis Communications, 2012, 20, 103-106. | 3.3 | 32 |
| 97 | Assembly of folate-polyoxometalate hybrid spheres for colorimetric immunoassay like oxidase. Chemical Communications, 2011, 47, 2940. | 4.1 | 60 |
| 98 | One pot production of 5-hydroxymethylfurfural with high yield from cellulose by a BrĄ̃,nsted–Lewis–surfactant-combined heteropolyacid catalyst. Chemical Communications, 2011, 47, 2176. | 4.1 | 158 |
| 99 | 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. | 3.3 | 8 |
| 100 | Fabrication of micellar heteropolyacid catalysts for clean production of monosaccharides from polysaccharides. Catalysis Communications, 2011, 12, 1483-1487. | 3.3 | 18 |
| 101 | Synthesis and Crystal Structure of a Rare Tetraâ€Yttriumâ€Supported Krebsâ€Type Tungstoantimonate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1178-1180. | 1.2 | 6 |
| 102 | Oxidative desulfurization of dibenzothiophene with dioxygen and reverse micellar peroxotitanium under mild conditions. Applied Catalysis B: Environmental, 2011, 106, 343-349. | 20.2 | 67 |
| 103 | Clean production of glucose from polysaccharides using a micellar heteropolyacid as a heterogeneous catalyst. Applied Catalysis B: Environmental, 2011, 107, 104-109. | 20.2 | 70 |
| 104 | Conversion of fructose and glucose into 5-hydroxymethylfurfural catalyzed by a solid heteropolyacid salt. Biomass and Bioenergy, 2011, 35, 2659-2665. | 5.7 | 168 |
| 105 | High selective production of 5-hydroymethylfurfural from fructose by a solid heteropolyacid catalyst. Fuel, 2011, 90, 2289-2293. | 6.4 | 139 |
| 106 | Removal of organic dye by air and macroporous ZnO/MoO3/SiO2 hybrid under room conditions. Applied Surface Science, 2011, 257, 7913-7919. | 6.1 | 46 |
| 107 | Synthesis and biological evaluation of cyclopenten-1-one Mannich base oxovanadium compound. Medicinal Chemistry Research, 2010, 19, 1162-1173. | 2.4 | 6 |
| 108 | Hydrolysis of cellulose by the heteropoly acid H3PW12O40. Cellulose, 2010, 17, 587-594. | 4.9 | 195 |

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| 109 | Degradation of Rhodamine B and Safraninâ€T by MoO ₃ :CeO ₂ Nanofibers and Air Using a Continuous Mode. Clean - Soil, Air, Water, 2010, 38, 268-274. | 1.1 | 34 |
| 110 | Catalytic wet air oxidation of phenol with air and micellar molybdovanadophosphoric polyoxometalates under room condition. Applied Catalysis B: Environmental, 2010, 97, 127-134. | 20.2 | 60 |
| 111 | Degradation of phenol accumulated in a micellar molybdovanadophosphate nanoreactor by air at ambient temperature and atmospheric pressure. Dalton Transactions, 2010, 39, 5087. | 3.3 | 11 |
| 112 | Zn _{1.2} H _{0.6} PW ₁₂ O ₄₀ Nanotubes with Double Acid Sites as Heterogeneous Catalysts for the Production of Biodiesel from Waste Cooking Oil. ChemSusChem, 2009, 2, 177-183. | 6.8 | 83 |
| 113 | Fabrication of Cs2.5H0.5PW12O40 three-dimensional ordered film by colloidal crystal template. Journal of Solid State Chemistry, 2009, 182, 1661-1665. | 2.9 | 5 |
| 114 | Three-dimensional films of photoluminescent polyoxometalates fabricated by a colloidal crystal template. Thin Solid Films, 2009, 518, 154-159. | 1.8 | 5 |
| 115 | Biodiesel production from Eruca Sativa Gars vegetable oil and motor, emissions properties. Renewable Energy, 2009, 34, 1871-1876. | 8.9 | 104 |
| 116 | Catalytic wet air oxidation of dye pollutants by polyoxomolybdate nanotubes under room condition. Applied Catalysis B: Environmental, 2009, 86, 182-189. | 20.2 | 79 |
| 117 | Fast catalytic degradation of organic dye with air and MoO3:Ce nanofibers under room condition. Applied Catalysis B: Environmental, 2009, 92, 333-340. | 20.2 | 104 |
| 118 | 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. | 5.1 | 42 |
| 119 | Synthesis and biological evaluation of decavanadate Na4Co(H2O)6V10O28·18H2O. Biomedicine and Pharmacotherapy, 2009, 63, 51-55. | 5.6 | 46 |
| 120 | Degradation of dye on polyoxotungstate nanotube under molecular oxygen. Dyes and Pigments, 2008, 76, 113-117. | 3.7 | 34 |
| 121 | Biodiesel production from high acid value waste frying oil catalyzed by superacid heteropolyacid. Biotechnology and Bioengineering, 2008, 101, 93-100. | 3.3 | 133 |
| 122 | Synthesis and biological activity of triorganogermanium substituted heteropolytungstates. Polyhedron, 2008, 27, 1150-1154. | 2.2 | 8 |
| 123 | Synthesis and characterization of polyoxometalates loaded starch nanocomplex and its antitumoral activity. European Journal of Medicinal Chemistry, 2008, 43, 1911-1917. | 5.5 | 40 |
| 124 | Synthesis and structure of dititanium-containing 10-tungstogermanate [{γ-GeTi2W10O36(OH)2}2(μ-O)2]8â^'. Inorganic Chemistry Communication, 2008, 11, 835-836. | 3.9 | 16 |
| 125 | Polyoxometalate-based Colloidal Crystal Thin Film. Chemistry Letters, 2007, 36, 260-261. | 1.3 | 2 |
| 126 | Transesterification of Vegetable Oil to Biodiesel using a Heteropolyacid Solid Catalyst. Advanced Synthesis and Catalysis, 2007, 349, 1057-1065. | 4.3 | 164 |

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|-----|---|-----|-----------|
| 127 | Syntheses, properties and biological activity of organogermanium substituted heteropolytungstates. Inorganic Chemistry Communication, 2007, 10, 216-219. | 3.9 | 7 |
| 128 | W doped vanadium oxide nanotubes: Synthesis and characterization. Materials Letters, 2007, 61, 1328-1332. | 2.6 | 23 |
| 129 | Dendritic and tubular tungsten oxide by surface sol–gel mineralisation of cellulosic substance. Materials Letters, 2007, 61, 3939-3941. | 2.6 | 14 |
| 130 | Polyoxotungstates containing uranyl group: Germanotungstates with Keggin sandwich structure. Inorganic Chemistry Communication, 2006, 9, 1331-1334. | 3.9 | 25 |
| 131 | A novel organically templated three-dimensional open framework vanadium tellurite: (NH3CH2CH2NH3)2V2Te6O18. Journal of Solid State Chemistry, 2005, 178, 1825-1829. | 2.9 | 12 |
| 132 | New liposome-encapsulated-polyoxometalates: synthesis and antitumoral activity. Journal of Inorganic Biochemistry, 2005, 99, 452-457. | 3.5 | 75 |
| 133 | Polyoxometalates supporting cyclopendienylzirconium : a new kind of olefin polymerization catalyst. Inorganic Chemistry Communication, 2005, 8, 70-71. | 3.9 | 15 |
| 134 | Synthesis, Characterization, and Antitumoral Activity of Polyoxometalate Loaded Starch Nanocomplexes. Journal of Nanoscience and Nanotechnology, 2005, 5, 905-908. | 0.9 | 3 |
| 135 | Preparation, characterization and in vitro antitumoral activity of a nanosize liposome complex encapsulated polyoxotungstate K6H2[CoW11TiO40]. Transition Metal Chemistry, 2004, 29, 96-99. | 1.4 | 19 |
| 136 | Synthesis and antitumor activity of cyclopentadienyltitanium substituted polyoxotungstate [CoW11O39(CpTi)]7â^' (Cp=η5·C5H5). Journal of Inorganic Biochemistry, 2003, 94, 279-284. | 3.5 | 82 |
| 137 | New polyoxometalate/starch nanomaterial: synthesis, characterization and antitumoral activity. Dalton Transactions, 2003, , 957-960. | 3.3 | 132 |
| 138 | Synthesis and Characterization of \hat{l}^2 -Diketonato Titanium Derivatives of Polyoxometalates. Synthetic Communications, 2003, 33, 3919-3927. | 2.1 | 0 |
| 139 | SYNTHESIS OF ISOMERS OF ORGANOTIN SUBSTITUTED POLYOXOTUNGSTATES AND COMPARISON OF THE ANTITUMOR ACTIVITY OF ISOMERS. Main Group Metal Chemistry, 2002, 25, . | 1.6 | 26 |
| 140 | Synthesis and crystal structure of the dimeric, Ti–O–Ti bridged hydrid form polyoxoanion [α-1,2-PW 10 Ti 2 O 39] 2 10â^'. Inorganic Chemistry Communication, 2002, 5, 796-799. | 3.9 | 18 |
| 141 | Synthesis, Properties and Biological Activity of Organotitanium Substituted Heteropolytungstates. Metal-Based Drugs, 2001, 8, 179-182. | 3.8 | 8 |
| 142 | Synthesis, characterization and in vitro antitumor activity of diorganometallo complexes Î ³ -Keggin anions. Inorganic Chemistry Communication, 2001, 4, 372-374. | 3.9 | 31 |