

Yanfei Qi

List of Publications by Year in descending order

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57
papers

1,380
citations

331670

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345221

36
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57
all docs

57
docs citations

57
times ranked

1743
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Polyoxometalates with Enzyme-like Characteristics for Analytical Applications. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 315-332.	3.5	2
2	Hierarchical micro-nanostructures from polyoxometalates and polydopamine: Characterization, electrochemical and intrinsic peroxidase-like properties. <i>Particuology</i> , 2022, 64, 178-185.	3.6	4
3	Vancomycin recognition and induced-aggregation of the Au nanoparticles through freeze-thaw for foodborne pathogen <i>Staphylococcus aureus</i> detection. <i>Analytica Chimica Acta</i> , 2022, 1190, 339253.	5.4	21
4	Multienzymatic Antioxidant Activity of Manganese-Based Nanoparticles for Protection against Oxidative Cell Damage. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 638-648.	5.2	27
5	A Multifunctional Janus Electrospun Nanofiber Dressing with Biofluid Draining, Monitoring, and Antibacterial Properties for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12984-13000.	8.0	69
6	A GdW10@PDA-CAT Sensitizer with High-Z Effect and Self-Supplied Oxygen for Hypoxic-Tumor Radiotherapy. <i>Molecules</i> , 2022, 27, 128.	3.8	4
7	Cu ²⁺ modified Zr-based metal organic framework-CTAB-graphene for sensitive electrochemical detection of sunset yellow. <i>Food and Chemical Toxicology</i> , 2022, 166, 113250.	3.6	9
8	Freeze-thaw induced co-assembly of multi-enzyme immobilized AuNPs probes for fast detection of glucose and hypoxanthine. <i>Microchemical Journal</i> , 2022, 181, 107755.	4.5	5
9	Survival analysis of patients with tuberculosis and risk factors for multidrug-resistant tuberculosis in Monrovia, Liberia. <i>PLoS ONE</i> , 2021, 16, e0249474.	2.5	7
10	Assembly of polyoxometalates/polydopamine nanozymes as a multifunctional platform for glutathione and <i>Escherichia coli</i> O157:H7 detection. <i>Microchemical Journal</i> , 2021, 164, 106013.	4.5	22
11	Two-photon excited peptide nanodrugs for precise photodynamic therapy. <i>Chemical Communications</i> , 2021, 57, 2245-2248.	4.1	11
12	Fluorometric Detection of Thiamine Based on Hemoglobin@Cu ₃ (PO ₄) ₂ Nanoflowers (NFs) with Peroxidase Mimetic Activity. <i>Sensors</i> , 2020, 20, 6359.	3.8	6
13	An enhanced antibacterial nanoflowers AgPW@PDA@Nisin constructed from polyoxometalate and nisin. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111212.	3.5	26
14	In Vitro Antifungal Activity and Mechanism of Ag ₃ PW ₁₂ O ₄₀ Composites against <i>Candida</i> Species. <i>Molecules</i> , 2020, 25, 6012.	3.8	5
15	Anti-flavivirus activity of polyoxometalate. <i>Antiviral Research</i> , 2020, 179, 104813.	4.1	14
16	Antiviral effects of a niobium-substituted heteropolytungstate on hepatitis B virus-transgenic mice. <i>Drug Development Research</i> , 2019, 80, 1062-1070.	2.9	10
17	The Intrinsic Enzyme Activities of the Classic Polyoxometalates. <i>Scientific Reports</i> , 2019, 9, 14832.	3.3	20
18	Nanomedicine: Biologically Targeted Photo-crosslinkable Nanopatch to Prevent Postsurgical Peritoneal Adhesion (<i>Adv. Sci.</i> 19/2019). <i>Advanced Science</i> , 2019, 6, 1970117.	11.2	1

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19	Effect of AgWPA nanoparticles on the inhibition of Staphylococcus aureus growth in biofilms. Food Control, 2019, 100, 240-246.	5.5	23
20	Fluorometric enhancement of the detection of H ₂ O ₂ using different organic substrates and a peroxidase-mimicking polyoxometalate. RSC Advances, 2019, 9, 12209-12217.	3.6	17
21	Polyoxomolybdates as α -glucosidase inhibitors: Kinetic and molecular modeling studies. Journal of Inorganic Biochemistry, 2019, 193, 173-179.	3.5	26
22	Intraparticle FRET for Enhanced Efficiency of Two-Photon Activated Photodynamic Therapy. Advanced Healthcare Materials, 2018, 7, e1701357.	7.6	22
23	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. Angewandte Chemie, 2018, 130, 7885-7889.	2.0	24
24	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. Angewandte Chemie - International Edition, 2018, 57, 7759-7763.	13.8	104
25	Nitrogen-doped graphene quantum dots coupled with photosensitizers for one-/two-photon activated photodynamic therapy based on a FRET mechanism. Chemical Communications, 2018, 54, 715-718.	4.1	45
26	In Vitro Anticandidal Activity and Mechanism of a Polyoxovanadate Functionalized by Zn-Fluconazole Complexes. Molecules, 2018, 23, 1122.	3.8	8
27	Assembled Nanocomplex for Improving Photodynamic Therapy through Intraparticle Fluorescence Resonance Energy Transfer. Chemistry - an Asian Journal, 2018, 13, 3540-3546.	3.3	4
28	Polyoxometalates as promising enzyme mimics for the sensitive detection of hydrogen peroxide by fluorometric method. Talanta, 2018, 188, 332-338.	5.5	29
29	Combination Immunotherapy: A Dual Immunotherapy Nanoparticle Improves T _H 1 Cell Activation and Cancer Immunotherapy (Adv. Mater. 25/2018). Advanced Materials, 2018, 30, 1870182.	21.0	4
30	Antileukemic activity of an arsenomolybdate in the human HL-60 and U937 leukemia cells. Journal of Inorganic Biochemistry, 2017, 168, 67-75.	3.5	17
31	In vitro and in vivo antifungal activities and mechanism of heteropolytungstates against Candida species. Scientific Reports, 2017, 7, 16942.	3.3	22
32	Nanoparticle delivery of chemotherapy combination regimen improves the therapeutic efficacy in mouse models of lung cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1301-1307.	3.3	19
33	The Anti-Proliferation Activity and Mechanism of Action of K12[V18O42(H2O)] ⁶⁻ on Breast Cancer Cell Lines. Molecules, 2017, 22, 1535.	3.8	18
34	Influence of VO ₂ Nanoparticle Morphology on the Colorimetric Assay of H ₂ O ₂ and Glucose. Nanomaterials, 2017, 7, 347.	4.1	52
35	Synthesis, cytotoxicity and antitumour mechanism investigations of polyoxometalate doped silica nanospheres on breast cancer MCF-7 cells. PLoS ONE, 2017, 12, e0181018.	2.5	32
36	Optimizing Colorimetric Assay Based on V ₂ O ₅ Nanozymes for Sensitive Detection of H ₂ O ₂ and Glucose. Sensors, 2016, 16, 584.	3.8	94

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37	Fabrication of Mesoporous Silica Nanoparticle with Well-Defined Multicompartment Structure as Efficient Drug Carrier for Cancer Therapy in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8900-8907.	8.0	38
38	BSA-binding properties and anti-proliferative effects of amino acids functionalized polyoxomolybdates. <i>Biomedicine and Pharmacotherapy</i> , 2016, 79, 78-86.	5.6	18
39	In Vitro Antitumor Activity of a Keggin Vanadium-Substituted Polyoxomolybdate and Its ctDNA Binding Properties. <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	1.9	2
40	Two pillared-helical-layer frameworks based on spiral chainlike metavanadate and $[M(\text{btX})]^{2+}$ complexes. <i>Journal of Coordination Chemistry</i> , 2015, 68, 743-751.	2.2	1
41	Broad-Spectrum Antiviral Property of Polyoxometalate Localized on a Cell Surface. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9785-9789.	8.0	52
42	Pharmacokinetics of Anti-HBV Polyoxometalate in Rats. <i>PLoS ONE</i> , 2014, 9, e98292.	2.5	12
43	Self-assembly of a 3-D self-catenated framework based on $[V_4O_{12}]^{4-}$ polyoxoanions and cobalt-organic polymer. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1228-1237.	2.2	4
44	Cytotoxicity of water-soluble mPEG-SH-coated silver nanoparticles in HL-7702 cells. <i>Cell Biology and Toxicology</i> , 2012, 28, 225-237.	5.3	32
45	A Pharmacological Activator of AMP-Activated Protein Kinase Protects Hypoxic Neurons in a Concentration-Dependent Manner. <i>Neurochemical Research</i> , 2010, 35, 1281-1289.	3.3	16
46	Structural characterization of two lanthanide complexes attached to $[H_2W_{12}O_{40}]^{6-}$. <i>Transition Metal Chemistry</i> , 2008, 33, 341-346.	1.4	5
47	Synthesis and Characterization of Two Extended High-dimensional Architectures Formed by Transition Metal-Glycine Complexes. <i>Journal of Cluster Science</i> , 2008, 19, 367-378.	3.3	5
48	A New Sandwich Polyoxometalate Constructed from a Zn_6^{12+} Hexagon Cluster Sandwiched by Two $B_4^{-}[BiW_9O_{33}]^{9-}$. <i>Journal of Cluster Science</i> , 2008, 19, 543-550.	3.3	6
49	Metal-controlled self-assembly of arsenic-vanadium-cluster backbones with organic ligands. <i>Dalton Transactions</i> , 2008, , 2335.	3.3	28
50	From Chain to Network: Design and Analysis of Novel Organic-Inorganic Assemblies from Organically Functionalized Zinc-Substituted Polyoxovanadates and Zinc Organoamine Subunits. <i>Inorganic Chemistry</i> , 2007, 46, 3217-3230.	4.0	80
51	Synthesis, Characterization, and Crystal Structures of Double-Cubane-Substituted and Asymmetric Penta-Ni-Substituted Dimeric Polyoxometalates. <i>Crystal Growth and Design</i> , 2007, 7, 1305-1311.	3.0	39
52	A Novel Dimeric Polyoxotungstate Decorated by 3d-4f atoms: $K_4LaH[As_2W_{20}CuO_{67}(H_2O)_3]Cl_2 \cdot 22.5H_2O$. <i>Journal of Cluster Science</i> , 2007, 18, 781-796.	3.3	8
53	Molecular and Multidimensional Organic-Inorganic Hybrids Based on Polyoxometalates and Copper Coordination Polymer with Mixed 4,4'-Bipyridine and 2,2'-Bipyridine Ligands. <i>Crystal Growth and Design</i> , 2006, 6, 2693-2698.	3.0	96
54	Two helical coordination polymers constructed from V-shaped and chelate ligands. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1225-1232.	2.2	0

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55	A Novel Copper(I) Halide Framework Templated by Organic-Inorganic Hybrid Polyoxometalate Chains Formed In Situ: A New Route for the Design and Synthesis of Porous Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4541-4545.	2.0	71
56	Synthesis, structural characterization and biological activity of polyoxometallate-containing protonated amantadine as a cation. <i>Journal of Coordination Chemistry</i> , 2004, 57, 715-721.	2.2	12
57	Heteropolymolybdate-amino acid complexes: synthesis, characterization and biological activity. <i>Journal of Coordination Chemistry</i> , 2004, 57, 1309-1319.	2.2	32