

# Zhijun Zhang

## List of Publications by Year in descending order

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25  
papers

854  
citations

686830

13  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light Controlled Reversible Inversion of Nanophosphor-Stabilized Pickering Emulsions for Biphasic Enantioselective Biocatalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 7498-7504.	6.6	240
2	Lanthanide-Doped Upconversion Nanoparticles Meet the Needs for Cutting-Edge Bioapplications: Recent Progress and Perspectives. , 2020, 2, 1516-1531.		68
3	Near-Infrared Light Brightens Bacterial Disinfection: Recent Progress and Perspectives. <i>ACS Applied Bio Materials</i> , 2021, 4, 3937-3961.	2.3	60
4	Highly stable and reusable imprinted artificial antibody used for in situ detection and disinfection of pathogens. <i>Chemical Science</i> , 2015, 6, 2822-2826.	3.7	57
5	Artificial Metalloenzyme-Based Enzyme Replacement Therapy for the Treatment of Hyperuricemia. <i>Advanced Functional Materials</i> , 2016, 26, 7921-7928.	7.8	51
6	Design of a plasmonic micromotor for enhanced photo-remediation of polluted anaerobic stagnant waters. <i>Chemical Communications</i> , 2016, 52, 5550-5553.	2.2	44
7	A novel dinuclear Schiff-base copper( <i>II</i> ) complex modified electrode for ascorbic acid catalytic oxidation and determination. <i>Dalton Transactions</i> , 2012, 41, 1252-1258.	1.6	41
8	Functionalized graphene as sensitive electrochemical label in target-dependent linkage of split aptasensor for dual detection. <i>Biosensors and Bioelectronics</i> , 2014, 62, 52-58.	5.3	39
9	Molecular Orientation and Aggregation in Mixed Langmuir-Blodgett Films of 5-(4-N-Octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin and Stearic Acid Studied by Ultraviolet-Visible, Fluorescence, and Infrared Spectroscopies. <i>Langmuir</i> , 1998, 14, 1177-1182.	1.6	35
10	Cell-Imprinted Antimicrobial Bionanomaterials with Tolerable Toxic Side Effects. <i>Small</i> , 2015, 11, 1258-1264.	5.2	34
11	A Pt-nanoparticle electrocatalytic assay used for PCR-free sensitive telomerase detection. <i>Chemical Communications</i> , 2013, 49, 9986.	2.2	32
12	Synthesis, crystal structure and action on <i>Escherichia coli</i> by microcalorimetry of copper complexes with 1,10-phenanthroline and amino acid. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 23-30.	1.5	22
13	Studies on Antibacterial Mechanisms of Copper Complexes with 1,10-phenanthroline and Amino Acid on <i>Escherichia coli</i> . <i>Biological Trace Element Research</i> , 2013, 154, 150-155.	1.9	20
14	Acute toxicity of chlorobenzenes in <i>Tetrahymena</i> : Estimated by microcalorimetry and mechanism. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 377-385.	2.0	17
15	Programmable Downregulation of Enzyme Activity Using a Fever and NIR-Responsive Molecularly Imprinted Nanocomposite. <i>Small</i> , 2015, 11, 6172-6178.	5.2	14
16	Will the Bacteria Survive in the CeO <sub>2</sub> Nanozyme-H <sub>2</sub> O <sub>2</sub> System?. <i>Molecules</i> , 2021, 26, 3747.	1.7	13
17	A biodegradable and near-infrared light-activatable photothermal nanoconverter for bacterial inactivation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3834-3840.	2.9	13
18	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. <i>Biosensors and Bioelectronics</i> , 2014, 58, 214-218.	5.3	11

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19	Graphene Platform Used for Electrochemically Discriminating DNA Triplex. ACS Applied Materials & Interfaces, 2014, 6, 3513-3519.	4.0	11
20	The action of norfloxacin complexes on Tetrahymena investigated by microcalorimetry. Journal of Thermal Analysis and Calorimetry, 2012, 109, 433-439.	2.0	8
21	Screening of multifunctional fruit carbon dots for fluorescent labeling and sensing in living immune cells and zebrafishes. Mikrochimica Acta, 2022, 189, 223.	2.5	7
22	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. Chemical Communications, 2017, 53, 8415-8418.	2.2	6
23	Cobalt complex plays a dual role in the construction of E-DNA sensor. Journal of Electroanalytical Chemistry, 2013, 690, 117-120.	1.9	4
24	Recomposition and storage of sunlight with intelligent phosphors for enhanced photosynthesis. Dalton Transactions, 2021, 50, 11025-11029.	1.6	4
25	Protein-mediated Fluorescence Resonance Energy Transfer (FRET) Probe: Fabrication and Hydroxyl Radical Detection. Photochemistry and Photobiology, 2022, 98, 371-377.	1.3	3