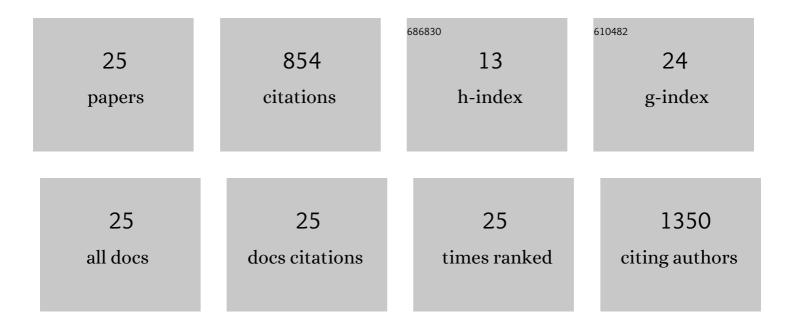
Zhijun Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Light Controlled Reversible Inversion of Nanophosphor-Stabilized Pickering Emulsions for Biphasic Enantioselective Biocatalysis. Journal of the American Chemical Society, 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. ACS Applied Bio Materials, 2021, 4, 3937-3961.	2.3	60
4	Highly stable and reusable imprinted artificial antibody used for in situ detection and disinfection of pathogens. Chemical Science, 2015, 6, 2822-2826.	3.7	57
5	Artificial Metalloenzymeâ€Based Enzyme Replacement Therapy for the Treatment of Hyperuricemia. Advanced Functional Materials, 2016, 26, 7921-7928.	7.8	51
6	Design of a plasmonic micromotor for enhanced photo-remediation of polluted anaerobic stagnant waters. Chemical Communications, 2016, 52, 5550-5553.	2.2	44
7	A novel dinuclear Schiff-base copper(<scp>ii</scp>) complex modified electrode for ascorbic acid catalytic oxidation and determination. Dalton Transactions, 2012, 41, 1252-1258.	1.6	41
8	Functionalized graphene as sensitive electrochemical label in target-dependent linkage of split aptasensor for dual detection. Biosensors and Bioelectronics, 2014, 62, 52-58.	5.3	39
9	Molecular Orientation and Aggregation in Mixed Langmuirâ^'Blodgett Films of 5-(4-N-Octadecylpyridyl)-10,15,20-tri-p-tolylporphyrin and Stearic Acid Studied by Ultravioletâ^'Visible, Fluorescence, and Infrared Spectroscopies. Langmuir, 1998, 14, 1177-1182.	1.6	35
10	Cellâ€Imprinted Antimicrobial Bionanomaterials with Tolerable Toxic Side Effects. Small, 2015, 11, 1258-1264.	5.2	34
11	A Pt-nanoparticle electrocatalytic assay used for PCR-free sensitive telomerase detection. Chemical Communications, 2013, 49, 9986.	2.2	32
12	Synthesis, crystal structure and action on Escherichia coli by microcalorimetry of copper complexes with 1,10-phenanthroline and amino acid. Journal of Inorganic Biochemistry, 2011, 105, 23-30.	1.5	22
13	Studies on Antibacterial Mechanisms of Copper Complexes with 1,10-phenanthroline and Amino Acid on Escherichia coli. Biological Trace Element Research, 2013, 154, 150-155.	1.9	20
14	Acute toxicity of chlorobenzenes in Tetrahymena: Estimated by microcalorimetry and mechanism. Environmental Toxicology and Pharmacology, 2012, 33, 377-385.	2.0	17
15	Programmable Downregulation of Enzyme Activity Using a Fever and NIRâ€Responsive Molecularly Imprinted Nanocomposite. Small, 2015, 11, 6172-6178.	5.2	14
16	Will the Bacteria Survive in the CeO2 Nanozyme-H2O2 System?. Molecules, 2021, 26, 3747.	1.7	13
17	A biodegradable and near-infrared light-activatable photothermal nanoconvertor for bacterial inactivation. Journal of Materials Chemistry B, 2022, 10, 3834-3840.	2.9	13
18	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. Biosensors and Bioelectronics, 2014, 58, 214-218.	5.3	11

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#	Article	IF	CITATIONS
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	Proteinâ€Mediated Fluorescence Resonance Energy Transfer (Pâ€FRET) Probe: Fabrication and Hydroxyl Radical Detection ^{â€} . Photochemistry and Photobiology, 2022, 98, 371-377.	1.3	3