

Jifeng Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

672
citations

15
h-index

24
g-index

45
ext. papers

876
ext. citations

6.5
avg, IF

4.31
L-index

#	Paper	IF	Citations
42	Design of metalloenzyme mimics based on self-assembled peptides for organophosphorus pesticides detection.. <i>Journal of Hazardous Materials</i> , 2022 , 428, 128262	12.8	1
41	Glycosides and Their Corresponding Small Molecules Inhibit Aggregation and Alleviate Cytotoxicity of A β 0.. <i>ACS Chemical Neuroscience</i> , 2022 ,	5.7	1
40	Electrochemical detection of organophosphorus pesticides based on amino acids-conjugated P3TAA-modified electrodes. <i>Analyst, The</i> , 2021 , 145, 8068-8076	5	6
39	Self-Assembled Copper Nanoclusters for Electrocatalytic Glucose Oxidation. <i>ACS Applied Nano Materials</i> , 2021 , 4, 4129-4139	5.6	2
38	Enzyme mimics based membrane reactor for di(2-ethylhexyl) phthalate degradation. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123873	12.8	5
37	Occurrence and dietary intake of Perfluoroalkyl substances in foods of the residents in Beijing, China. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2021 , 14, 1-11	3.3	8
36	Synthesis of red photoluminescent nickel doped self-assembled copper nanoclusters and their application in biothiol sensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 349, 130777	8.5	0
35	The stabilization of fluorescent copper nanoclusters by dialdehyde cellulose and their use in mercury ion sensing. <i>Analytical Methods</i> , 2020 , 12, 3130-3136	3.2	7
34	Nano-crystalline cellulose-coated magnetic nanoparticles for affinity adsorption of glycoproteins. <i>Analyst, The</i> , 2020 , 145, 3407-3413	5	5
33	Fluorescent peptide probes for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122074	12.8	41
32	Gold/Silver Hybrid Nanoparticles with Enduring Inhibition of Coronavirus Multiplication through Multisite Mechanisms. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2553-2563	6.3	15
31	Enzyme mimics based on self-assembled peptides for di(2-ethylhexyl)phthalate degradation. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9601-9609	7.3	3
30	Fluorescent methylammonium lead halide perovskite quantum dots as a sensing material for the detection of polar organochlorine pesticide residues. <i>Analyst, The</i> , 2020 , 145, 6683-6690	5	4
29	Hydroxycinnamic Acid from Corn cob and Its Structural Analogues Inhibit A β 0 Fibrillation and Attenuate A β 0-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 8788-8796	5.7	9
28	Antibacterial Activity of Manganese Dioxide Nanosheets by ROS-Mediated Pathways and Destroying Membrane Integrity. <i>Nanomaterials</i> , 2020 , 10,	5.4	12
27	Colorimetric detection of glucose based on the binding specificity of a synthetic cyclic peptide. <i>Analyst, The</i> , 2020 , 145, 7234-7241	5	10
26	CLVFFA-Functionalized Gold Nanoclusters Inhibit A β 0 Fibrillation, Fibrils' Prolongation, and Mature Fibrils' Disaggregation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4633-4642	5.7	15

25	AuNP-peptide probe for caspase-3 detection in living cells by SERS. <i>Analyst, The</i> , 2019 , 144, 1275-1281	5	17
24	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated nanoenzyme modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 286, 386-393	8.5	42
23	Intracellular Fenton reaction based on mitochondria-targeted copper(II)peptide complex for induced apoptosis. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4008-4016	7.3	28
22	Degradation of phthalic acid esters (PAEs) by an enzyme mimic and its application in the degradation of intracellular DEHP. <i>Chemical Communications</i> , 2019 , 55, 13458-13461	5.8	10
21	Synthesis of Fluorescent Au Clusters Using Self-Assembled Tripeptides as Reducing Soft Templates. <i>ChemNanoMat</i> , 2018 , 5, 158	3.5	2
20	Study on the oxidation of fibrinogen using FeO magnetic nanoparticles and its influence to the formation of fibrin. <i>Journal of Inorganic Biochemistry</i> , 2018 , 189, 58-68	4.2	5
19	Sensing and intracellular imaging of Zn ²⁺ based on affinity peptide using an aggregation induced emission fluorescence switch-on probe. <i>Sensors and Actuators B: Chemical</i> , 2018 , 271, 289-299	8.5	37
18	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , 2018 , 90, 9060-9067	7.8	58
17	A reusable aptasensor of thrombin based on DNA machine employing resonance light scattering technique. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 259-265	11.8	38
16	Electrochemistry and electrochemiluminescence of copper metal cluster. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 795, 116-122	4.1	11
15	Probing the structure-activity relationship of a novel artificial cellobiose hydrolase. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5225-5233	7.3	14
14	Homogenous graphene oxide-peptide nanofiber hybrid hydrogel as biomimetic polysaccharide hydrolase. <i>Nanoscale</i> , 2017 , 9, 18066-18074	7.7	31
13	Synthesis of highly fluorescent gold nanoclusters and their use in sensitive analysis of metal ions. <i>Analyst, The</i> , 2017 , 142, 4486-4493	5	30
12	Design of Cyclic Peptide Based Glucose Receptors and Their Application in Glucose Sensing. <i>Analytical Chemistry</i> , 2017 , 89, 10431-10438	7.8	18
11	Magnetic bead-liposome hybrids enable sensitive and portable detection of DNA methyltransferase activity using personal glucose meter. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 537-544	11.8	24
10	Study on the interaction between Fe ³⁺ and fibrinogen and its influence on the polymerization behavior of fibrin networks. <i>RSC Advances</i> , 2016 , 6, 75207-75214	3.7	
9	Study on the influence of oxidative stress on the fibrillization of fibrinogen. <i>Biochemical Journal</i> , 2016 , 473, 4373-4384	3.8	13
8	First principles study of O ₂ dissociation on Pt(111) surface: Stepwise mechanism. <i>International Journal of Quantum Chemistry</i> , 2016 , 116, 908-914	2.1	15

7	Label-free, sensitivity detection of fibrillar fibrin using gold nanoparticle-based chemiluminescence system. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 111-5	11.8	20
6	Artificial hydrolase based on carbon nanotubes conjugated with peptides. <i>Nanoscale</i> , 2016 , 8, 16851-16856	11.8	25
5	Magnetic nanoparticles-cooperated fluorescence sensor for sensitive and accurate detection of DNA methyltransferase activity coupled with exonuclease III-assisted target recycling. <i>Analyst, The</i> , 2015 , 140, 7637-44	5	12
4	Study on the interface electronic states of chemically modified ZnO nanowires. <i>RSC Advances</i> , 2015 , 5, 98130-98135	3.7	2
3	Highly sensitive fluorescence assay of DNA methyltransferase activity by methylation-sensitive cleavage-based primer generation exponential isothermal amplification-induced G-quadruplex formation. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 547-53	11.8	39
2	Synthesis of Carbon-Encapsulated Cu ₂ Ag Dimetallic Nanoparticles and Their Recyclable Superior Catalytic Activity towards 4-Nitrophenol Reduction. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4731-4736	2.3	13
1	A DNA nanomachine based on rolling circle amplification-bridged two-stage exonuclease III-assisted recycling strategy for label-free multi-amplified biosensing of nucleic acid. <i>Analytica Chimica Acta</i> , 2015 , 856, 103-9	6.6	22