

# Jifeng Liu

## List of Publications by Citations

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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	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 9060-9067	7.8	58
41	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated nanoenzyme modified electrodes. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 286, 386-393	8.5	42
40	Fluorescent peptide probes for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 389, 122074	12.8	41
39	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> , <b>2015</b> , 66, 547-53	11.8	39
38	A reusable aptasensor of thrombin based on DNA machine employing resonance light scattering technique. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 259-265	11.8	38
37	Sensing and intracellular imaging of Zn <sup>2+</sup> based on affinity peptide using an aggregation induced emission fluorescence switch-on probe. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 271, 289-299	8.5	37
36	Homogenous graphene oxide-peptide nanofiber hybrid hydrogel as biomimetic polysaccharide hydrolase. <i>Nanoscale</i> , <b>2017</b> , 9, 18066-18074	7.7	31
35	Synthesis of highly fluorescent gold nanoclusters and their use in sensitive analysis of metal ions. <i>Analyst, The</i> , <b>2017</b> , 142, 4486-4493	5	30
34	Intracellular Fenton reaction based on mitochondria-targeted copper(II)peptide complex for induced apoptosis. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 4008-4016	7.3	28
33	Artificial hydrolase based on carbon nanotubes conjugated with peptides. <i>Nanoscale</i> , <b>2016</b> , 8, 16851-16856	7.5	25
32	Magnetic bead-liposome hybrids enable sensitive and portable detection of DNA methyltransferase activity using personal glucose meter. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 87, 537-544	11.8	24
31	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> , <b>2015</b> , 856, 103-9	6.6	22
30	Label-free, sensitivity detection of fibrillar fibrin using gold nanoparticle-based chemiluminescence system. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 111-5	11.8	20
29	Design of Cyclic Peptide Based Glucose Receptors and Their Application in Glucose Sensing. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10431-10438	7.8	18
28	AuNP-peptide probe for caspase-3 detection in living cells by SERS. <i>Analyst, The</i> , <b>2019</b> , 144, 1275-1281	5	17
27	CLVFFA-Functionalized Gold Nanoclusters Inhibit A $\beta$ 0 Fibrillation, Fibrils' Prolongation, and Mature Fibrils' Disaggregation. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 4633-4642	5.7	15
26	First principles study of O <sub>2</sub> dissociation on Pt(111) surface: Stepwise mechanism. <i>International Journal of Quantum Chemistry</i> , <b>2016</b> , 116, 908-914	2.1	15

25	Gold/Silver Hybrid Nanoparticles with Enduring Inhibition of Coronavirus Multiplication through Multisite Mechanisms. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 2553-2563	6.3	15
24	Probing the structure-activity relationship of a novel artificial cellobiose hydrolase. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 5225-5233	7.3	14
23	Study on the influence of oxidative stress on the fibrillization of fibrinogen. <i>Biochemical Journal</i> , <b>2016</b> , 473, 4373-4384	3.8	13
22	Synthesis of Carbon-Encapsulated Cu <sub>2</sub> Ag Dimetallic Nanoparticles and Their Recyclable Superior Catalytic Activity towards 4-Nitrophenol Reduction. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4731-4736	2.3	13
21	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> , <b>2015</b> , 140, 7637-44	5	12
20	Antibacterial Activity of Manganese Dioxide Nanosheets by ROS-Mediated Pathways and Destroying Membrane Integrity. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	12
19	Electrochemistry and electrochemiluminescence of copper metal cluster. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 795, 116-122	4.1	11
18	Colorimetric detection of glucose based on the binding specificity of a synthetic cyclic peptide. <i>Analyst, The</i> , <b>2020</b> , 145, 7234-7241	5	10
17	Degradation of phthalic acid esters (PAEs) by an enzyme mimic and its application in the degradation of intracellular DEHP. <i>Chemical Communications</i> , <b>2019</b> , 55, 13458-13461	5.8	10
16	Hydroxycinnamic Acid from Corn cob and Its Structural Analogues Inhibit A $\beta$ 0 Fibrillation and Attenuate A $\beta$ 0-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8788-8796	5.7	9
15	Occurrence and dietary intake of Perfluoroalkyl substances in foods of the residents in Beijing, China. <i>Food Additives and Contaminants: Part B Surveillance</i> , <b>2021</b> , 14, 1-11	3.3	8
14	The stabilization of fluorescent copper nanoclusters by dialdehyde cellulose and their use in mercury ion sensing. <i>Analytical Methods</i> , <b>2020</b> , 12, 3130-3136	3.2	7
13	Electrochemical detection of organophosphorus pesticides based on amino acids-conjugated P3TAA-modified electrodes. <i>Analyst, The</i> , <b>2021</b> , 145, 8068-8076	5	6
12	Nano-crystalline cellulose-coated magnetic nanoparticles for affinity adsorption of glycoproteins. <i>Analyst, The</i> , <b>2020</b> , 145, 3407-3413	5	5
11	Enzyme mimics based membrane reactor for di(2-ethylhexyl) phthalate degradation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123873	12.8	5
10	Study on the oxidation of fibrinogen using FeO magnetic nanoparticles and its influence to the formation of fibrin. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 189, 58-68	4.2	5
9	Fluorescent methylammonium lead halide perovskite quantum dots as a sensing material for the detection of polar organochlorine pesticide residues. <i>Analyst, The</i> , <b>2020</b> , 145, 6683-6690	5	4
8	Enzyme mimics based on self-assembled peptides for di(2-ethylhexyl)phthalate degradation. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 9601-9609	7.3	3

7	Study on the interface electronic states of chemically modified ZnO nanowires. <i>RSC Advances</i> , <b>2015</b> , 5, 98130-98135	3.7	2
6	Self-Assembled Copper Nanoclusters for Electrocatalytic Glucose Oxidation. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 4129-4139	5.6	2
5	Synthesis of Fluorescent Au Clusters Using Self-Assembled Tripeptides as Reducing Soft Templates. <i>ChemNanoMat</i> , <b>2018</b> , 5, 158	3.5	2
4	Design of metalloenzyme mimics based on self-assembled peptides for organophosphorus pesticides detection.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 428, 128262	12.8	1
3	Glycosides and Their Corresponding Small Molecules Inhibit Aggregation and Alleviate Cytotoxicity of A $\beta$ 0.. <i>ACS Chemical Neuroscience</i> , <b>2022</b> ,	5.7	1
2	Synthesis of red photoluminescent nickel doped self-assembled copper nanoclusters and their application in biothiol sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 349, 130777	8.5	0
1	Study on the interaction between Fe <sup>3+</sup> and fibrinogen and its influence on the polymerization behavior of fibrin networks. <i>RSC Advances</i> , <b>2016</b> , 6, 75207-75214	3.7	