

Jifeng Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4982197/publications.pdf>

Version: 2024-02-01

45
papers

1,108
citations

361296

20
h-index

414303

32
g-index

45
all docs

45
docs citations

45
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent peptide probes for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2020, 389, 122074.	6.5	90
2	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , 2018, 90, 9060-9067.	3.2	87
3	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated nanoenzyme modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 386-393.	4.0	72
4	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.	2.9	51
5	Antibacterial Activity of Manganese Dioxide Nanosheets by ROS-Mediated Pathways and Destroying Membrane Integrity. <i>Nanomaterials</i> , 2020, 10, 1545.	1.9	51
6	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.	4.0	49
7	A reusable aptasensor of thrombin based on DNA machine employing resonance light scattering technique. <i>Biosensors and Bioelectronics</i> , 2017, 92, 259-265.	5.3	46
8	Homogenous graphene oxide-peptide nanofiber hybrid hydrogel as biomimetic polysaccharide hydrolase. <i>Nanoscale</i> , 2017, 9, 18066-18074.	2.8	45
9	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, 547-553.	5.3	44
10	Synthesis of highly fluorescent gold nanoclusters and their use in sensitive analysis of metal ions. <i>Analyst</i> , 2017, 142, 4486-4493.	1.7	39
11	Artificial hydrolase based on carbon nanotubes conjugated with peptides. <i>Nanoscale</i> , 2016, 8, 16851-16856.	2.8	36
12	Gold/Silver Hybrid Nanoparticles with Enduring Inhibition of Coronavirus Multiplication through Multisite Mechanisms. <i>Bioconjugate Chemistry</i> , 2020, 31, 2553-2563.	1.8	34
13	CLVFFA-Functionalized Gold Nanoclusters Inhibit A β 40 Fibrillation, Fibrils TM Prolongation, and Mature Fibrils TM Disaggregation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4633-4642.	1.7	30
14	AuNP-peptide probe for caspase-3 detection in living cells by SERS. <i>Analyst</i> , 2019, 144, 1275-1281.	1.7	27
15	NIR-activated multi-hit therapeutic Ag ₂ S quantum dot-based hydrogel for healing of bacteria-infected wounds. <i>Acta Biomaterialia</i> , 2022, 145, 88-105.	4.1	27
16	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.	5.3	26
17	Design of Cyclic Peptide Based Glucose Receptors and Their Application in Glucose Sensing. <i>Analytical Chemistry</i> , 2017, 89, 10431-10438.	3.2	25
18	Label-free, sensitivity detection of fibrillar fibrin using gold nanoparticle-based chemiluminescence system. <i>Biosensors and Bioelectronics</i> , 2016, 77, 111-115.	5.3	24

#	ARTICLE	IF	CITATIONS
19	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, 103-109.	2.6	22
20	Electrochemistry and electrochemiluminescence of copper metal cluster. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 116-122.	1.9	20
21	Study on the influence of oxidative stress on the fibrillization of fibrinogen. <i>Biochemical Journal</i> , 2016, 473, 4373-4384.	1.7	18
22	Probing the structure-activity relationship of a novel artificial cellobiose hydrolase. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5225-5233.	2.9	18
23	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.	1.3	18
24	Colorimetric detection of glucose based on the binding specificity of a synthetic cyclic peptide. <i>Analyst</i> , The, 2020, 145, 7234-7241.	1.7	17
25	Synthesis of Carbon-Encapsulated Cu-Ag Dimetallic Nanoparticles and Their Recyclable Superior Catalytic Activity towards 4-Nitrophenol Reduction. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4731-4736.	1.0	16
26	Enzyme mimics based membrane reactor for di(2-ethylhexyl) phthalate degradation. <i>Journal of Hazardous Materials</i> , 2021, 403, 123873.	6.5	16
27	First principles study of O ₂ dissociation on Pt(111) surface: Stepwise mechanism. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 908-914.	1.0	15
28	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.	2.2	15
29	Nano-crystalline cellulose-coated magnetic nanoparticles for affinity adsorption of glycoproteins. <i>Analyst</i> , The, 2020, 145, 3407-3413.	1.7	15
30	Magnetic nanoparticles-cooperated fluorescence sensor for sensitive and accurate detection of DNA methyltransferase activity coupled with exonuclease III-assisted target recycling. <i>Analyst</i> , The, 2015, 140, 7637-7644.	1.7	13
31	Design of metalloenzyme mimics based on self-assembled peptides for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2022, 428, 128262.	6.5	13
32	Fluorescent methylammonium lead halide perovskite quantum dots as a sensing material for the detection of polar organochlorine pesticide residues. <i>Analyst</i> , The, 2020, 145, 6683-6690.	1.7	12
33	Electrochemical detection of organophosphorus pesticides based on amino acids-conjugated P3TAA-modified electrodes. <i>Analyst</i> , The, 2020, 145, 8068-8076.	1.7	11
34	Hydroxycinnamic Acid from Corn cob and Its Structural Analogues Inhibit A β 40 Fibrillation and Attenuate A β 40-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8788-8796.	2.4	11
35	Glycosides and Their Corresponding Small Molecules Inhibit Aggregation and Alleviate Cytotoxicity of A β 40. <i>ACS Chemical Neuroscience</i> , 2022, 13, 766-775.	1.7	10
36	The stabilization of fluorescent copper nanoclusters by dialdehyde cellulose and their use in mercury ion sensing. <i>Analytical Methods</i> , 2020, 12, 3130-3136.	1.3	9

#	ARTICLE	IF	CITATIONS
37	Synthesis of Fluorescent Au Clusters Using Self-Assembled Tripeptides as Reducing Soft Templates. ChemNanoMat, 2019, 5, 158-162.	1.5	8
38	Self-Assembled Copper Nanoclusters for Electrocatalytic Glucose Oxidation. ACS Applied Nano Materials, 2021, 4, 4129-4139.	2.4	8
39	Enzyme mimics based on self-assembled peptides for di(2-ethylhexyl)phthalate degradation. Journal of Materials Chemistry B, 2020, 8, 9601-9609.	2.9	6
40	Synthesis of red photoluminescent nickel doped self-assembled copper nanoclusters and their application in biothiol sensing. Sensors and Actuators B: Chemical, 2021, 349, 130777.	4.0	6
41	Study on the oxidation of fibrinogen using Fe ₃ O ₄ magnetic nanoparticles and its influence to the formation of fibrin. Journal of Inorganic Biochemistry, 2018, 189, 58-68.	1.5	5
42	Study on the interface electronic states of chemically modified ZnO nanowires. RSC Advances, 2015, 5, 98130-98135.	1.7	2
43	Detection of heterocyclic amine (PhIP) by fluorescently labelled cucurbit[7]uril. Analyst, The, 2022, 147, 2477-2483.	1.7	1
44	Study on the interaction between Fe ³⁺ and fibrinogen and its influence on the polymerization behavior of fibrin networks. RSC Advances, 2016, 6, 75207-75214.	1.7	0
45	Dynamics Study of the Self-Assembly of Amphipathic Heptapeptide and Its Application in Glucosidase Mimetic. ChemNanoMat, 0, , .	1.5	0