

Jiangjiang Zhang

List of Publications by Year in descending order

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33
papers

1,731
citations

279701

23
h-index

395590

33
g-index

33
all docs

33
docs citations

33
times ranked

2496
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface chemistry of gold nanoparticles for health-related applications. <i>Chemical Science</i> , 2020, 11, 923-936.	3.7	191
2	Composites of Bacterial Cellulose and Small Molecule-Decorated Gold Nanoparticles for Treating Gram-Negative Bacteria-Infected Wounds. <i>Small</i> , 2017, 13, 1700130.	5.2	119
3	Titanium Incorporation into Zr ^{IV} -Porphyrinic Metal-Organic Frameworks with Enhanced Antibacterial Activity against Multidrug-Resistant Pathogens. <i>Small</i> , 2020, 16, e1906240.	5.2	116
4	Killing G(+) or G(â”) Bacteria? The Important Role of Molecular Charge in AIE-Active Photosensitizers. <i>Small Methods</i> , 2020, 4, 2000046.	4.6	114
5	Triple-Targeting Delivery of CRISPR/Cas9 To Reduce the Risk of Cardiovascular Diseases. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12404-12408.	7.2	107
6	A Bifunctional Aggregation-Induced Emission Luminogen for Monitoring and Killing of Multidrug-Resistant Bacteria. <i>Advanced Functional Materials</i> , 2018, 28, 1804632.	7.8	105
7	Detection of vascular endothelial growth factor based on rolling circle amplification as a means of signal enhancement in surface plasmon resonance. <i>Biosensors and Bioelectronics</i> , 2014, 61, 83-87.	5.3	86
8	Indole Derivative-Capped Gold Nanoparticles as an Effective Bactericide in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29398-29406.	4.0	78
9	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. <i>ACS Nano</i> , 2020, 14, 16840-16853.	7.3	72
10	Sensitive cell apoptosis assay based on caspase-3 activity detection with graphene oxide-assisted electrochemical signal amplification. <i>Biosensors and Bioelectronics</i> , 2015, 68, 777-782.	5.3	60
11	Hydrogels Incorporating Au@Polydopamine Nanoparticles: Robust Performance for Optical Sensing. <i>Analytical Chemistry</i> , 2018, 90, 11423-11430.	3.2	52
12	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. <i>Advanced Science</i> , 2021, 8, 2001750.	5.6	49
13	Cascade Reaction-Mediated Assembly of Magnetic/Silver Nanoparticles for Amplified Magnetic Biosensing. <i>Analytical Chemistry</i> , 2018, 90, 6906-6912.	3.2	48
14	Ag ⁺ -Gated Surface Chemistry of Gold Nanoparticles and Colorimetric Detection of Acetylcholinesterase. <i>Small</i> , 2018, 14, e1801680.	5.2	47
15	Reversing Bacterial Resistance to Gold Nanoparticles by Size Modulation. <i>Nano Letters</i> , 2021, 21, 1992-2000.	4.5	46
16	Colorimetric copper(II) ion sensor based on the conformational change of peptide immobilized onto the surface of gold nanoparticles. <i>Analytical Methods</i> , 2014, 6, 2580-2585.	1.3	44
17	Activating the Antibacterial Effect of 4,6-Diamino-2-pyrimidinethiol-Modified Gold Nanoparticles by Reducing their Sizes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23471-23475.	7.2	44
18	Boronic Acid-Decorated Multivariate Photosensitive Metal-Organic Frameworks for Combating Multi-Drug-Resistant Bacteria. <i>ACS Nano</i> , 2022, 16, 7732-7744.	7.3	42

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19	Sensitive colorimetric assays for $\hat{I}\pm$ -glucosidase activity and inhibitor screening based on unmodified gold nanoparticles. <i>Analytica Chimica Acta</i> , 2015, 875, 92-98.	2.6	40
20	Rapid Detection of Copper in Biological Systems Using Click Chemistry. <i>Small</i> , 2018, 14, e1703857.	5.2	39
21	Nanocrystalline cellulose mediated seed-growth for ultra-robust colorimetric detection of hydrogen sulfide. <i>Nanoscale</i> , 2017, 9, 9811-9817.	2.8	28
22	Hierarchically structured microchip for point-of-care immunoassays with dynamic detection ranges. <i>Lab on A Chip</i> , 2019, 19, 2750-2757.	3.1	28
23	Visual determination of aliphatic diamines based on host-guest recognition of calix[4]arene derivatives capped gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2015, 72, 306-312.	5.3	25
24	Sensitive detection of copper (<sc>ii</sc>) ions based on the conformational change of peptides by surface plasmon resonance spectroscopy. <i>Analytical Methods</i> , 2015, 7, 8942-8946.	1.3	22
25	T₁-Mediated Nanosensor for Immunoassay Based on an Activatable MnO₂ Nanoassembly. <i>Analytical Chemistry</i> , 2018, 90, 2765-2771.	3.2	21
26	CB[7]-mediated signal amplification approach for sensitive surface plasmon resonance spectroscopy. <i>Biosensors and Bioelectronics</i> , 2016, 81, 207-213.	5.3	20
27	Mixing-to-Answer Iodide Sensing with Commercial Chemicals. <i>Analytical Chemistry</i> , 2018, 90, 8276-8282.	3.2	17
28	Modulating the catalytic activity of gold nanoparticles using amine-terminated ligands. <i>Chemical Science</i> , 2022, 13, 1080-1087.	3.7	16
29	Nanoscale Metal-Organic Frameworks That are Both Fluorescent and Hollow for Self-Indicating Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18554-18562.	4.0	15
30	Triple-Targeting Delivery of CRISPR/Cas9 To Reduce the Risk of Cardiovascular Diseases. <i>Angewandte Chemie</i> , 2019, 131, 12534-12538.	1.6	13
31	Four-in-One: Advanced Copper Nanocomposites for Multianalyte Assays and Multicoding Logic Gates. <i>ACS Nano</i> , 2020, 14, 9107-9116.	7.3	10
32	Activating the Antibacterial Effect of 4,6-Diamino-2-pyrimidinethiol-Modified Gold Nanoparticles by Reducing their Sizes. <i>Angewandte Chemie</i> , 2020, 132, 23677-23681.	1.6	9
33	A hinge-based aligner for fast, large-scale assembly of microfluidic chips. <i>Biomedical Microdevices</i> , 2019, 21, 69.	1.4	8