

Tingyao Zhou

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.

23
papers

832
citations

17
h-index

23
g-index

23
ext. papers

919
ext. citations

7.4
avg, IF

4.01
L-index

#	Paper	IF	Citations
23	Growth regulation of luminescent gold nanoparticles directed from amphiphilic block copolymers: highly-controlled nanoassemblies toward tailored in-vivo transport. <i>Science China Chemistry</i> , 2021 , 64, 157-164	7.9	3
22	Ligand-regulated self-assembly of luminescent Au nanoparticles towards diverse controllable superstructures. <i>Chemical Communications</i> , 2020 , 56, 14023-14026	5.8	3
21	Surface Regulation Towards Stimuli-Responsive Luminescence of Ultrasmall Thiolated Gold Nanoparticles for Ratiometric Imaging. <i>Advanced Functional Materials</i> , 2019 , 29, 1806945	15.6	26
20	Amphiphilic Block Copolymer-Guided in Situ Fabrication of Stable and Highly Controlled Luminescent Copper Nanoassemblies. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2852-2856	16.4	32
19	Self-Assembly of Luminescent Gold Nanoparticles with Sensitive pH-Stimulated Structure Transformation and Emission Response toward Lysosome Escape and Intracellular Imaging. <i>Analytical Chemistry</i> , 2019 , 91, 8237-8243	7.8	23
18	In Situ Self-Assembly of Ultrastable Crosslinked Luminescent Gold Nanoparticle and Organic Dye Nanohybrids toward Ultrasensitive and Reversible Ratiometric Thermal Imaging. <i>Advanced Optical Materials</i> , 2019 , 7, 1900326	8.1	10
17	Transformation from gold nanoclusters to plasmonic nanoparticles: A general strategy towards selective detection of organophosphorothioate pesticides. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 274-280	11.8	27
16	One-pot synthesis of fluorescent DHLA-stabilized Cu nanoclusters for the determination of H ₂ O ₂ . <i>Talanta</i> , 2015 , 141, 80-5	6.2	45
15	Applications of Metal Nanoclusters in Environmental Monitoring. <i>Chinese Journal of Analytical Chemistry</i> , 2015 , 43, 1296-1305	1.6	17
14	Highly fluorescent copper nanoclusters as a probe for the determination of pH. <i>Methods and Applications in Fluorescence</i> , 2015 , 3, 044002	3.1	20
13	Metal nanoclusters: applications in environmental monitoring and cancer therapy. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2015 , 33, 168-87	4.5	28
12	A colorimetric agarose gel for formaldehyde measurement based on nanotechnology involving Tollens reaction. <i>Chemical Communications</i> , 2014 , 50, 8121-3	5.8	53
11	A novel solid-state electrochemiluminescence sensor for the determination of hydrogen peroxide based on an Au nanocluster-silica nanoparticle nanocomposite. <i>Analyt, The</i> , 2013 , 138, 5563-5	5	27
10	Silver-gold alloy nanoclusters as a fluorescence-enhanced probe for aluminum ion sensing. <i>Analytical Chemistry</i> , 2013 , 85, 9839-44	7.8	99
9	Facile synthesis of red-emitting lysozyme-stabilized Ag nanoclusters. <i>Nanoscale</i> , 2012 , 4, 5312-5	7.7	114
8	Sonochemical synthesis of highly fluorescent glutathione-stabilized Ag nanoclusters and S ₂ -sensing. <i>Nanoscale</i> , 2012 , 4, 4103-6	7.7	124
7	Chameleon clothes for quantitative oxygen imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17651		13

6	An in situ applicable colorimetric Cu ²⁺ sensor using quantum dot quenching. <i>Analytical Methods</i> , 2011 , 3, 1471	3.2	16
5	A dissolved oxygen sensor based on composite fluorinated xerogel doped with platinum porphyrin dye. <i>Luminescence</i> , 2011 , 26, 29-34	2.5	19
4	Colorimetric optical pH sensor production using a dual-color system. <i>Sensors and Actuators B: Chemical</i> , 2010 , 146, 278-282	8.5	37
3	Extended detection range for an optical enzymatic glucose sensor coupling with a novel data-processing method. <i>Science China Chemistry</i> , 2010 , 53, 1385-1390	7.9	3
2	Optical colorimetric sensor strip for direct readout glucose measurement. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3702-5	11.8	53
1	An optical biosensor for the rapid determination of glucose in human serum. <i>Sensors and Actuators B: Chemical</i> , 2008 , 129, 866-873	8.5	40