

Tingyao Zhou

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1048857/tingyao-zhou-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Sonochemical synthesis of highly fluorescent glutathione-stabilized Ag nanoclusters and S2-sensing. <i>Nanoscale</i> , 2012 , 4, 4103-6	7.7	124
22	Facile synthesis of red-emitting lysozyme-stabilized Ag nanoclusters. <i>Nanoscale</i> , 2012 , 4, 5312-5	7.7	114
21	Silver-gold alloy nanoclusters as a fluorescence-enhanced probe for aluminum ion sensing. <i>Analytical Chemistry</i> , 2013 , 85, 9839-44	7.8	99
20	A colorimetric agarose gel for formaldehyde measurement based on nanotechnology involving Tollens reaction. <i>Chemical Communications</i> , 2014 , 50, 8121-3	5.8	53
19	Optical colorimetric sensor strip for direct readout glucose measurement. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3702-5	11.8	53
18	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
17	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
16	Colorimetric optical pH sensor production using a dual-color system. <i>Sensors and Actuators B: Chemical</i> , 2010 , 146, 278-282	8.5	37
15	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
14	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
13	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
12	A novel solid-state electrochemiluminescence sensor for the determination of hydrogen peroxide based on an Au nanocluster-silica nanoparticle nanocomposite. <i>Analyst, The</i> , 2013 , 138, 5563-5	5	27
11	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
10	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
9	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
8	A dissolved oxygen sensor based on composite fluorinated xerogel doped with platinum porphyrin dye. <i>Luminescence</i> , 2011 , 26, 29-34	2.5	19
7	Applications of Metal Nanoclusters in Environmental Monitoring. <i>Chinese Journal of Analytical Chemistry</i> , 2015 , 43, 1296-1305	1.6	17

6	An in situ applicable colorimetric Cu ²⁺ sensor using quantum dot quenching. <i>Analytical Methods</i> , 2011 , 3, 1471	3.2	16
5	Chameleon clothes for quantitative oxygen imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17651		13
4	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
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	Ligand-regulated self-assembly of luminescent Au nanoparticles towards diverse controllable superstructures. <i>Chemical Communications</i> , 2020 , 56, 14023-14026	5.8	3
1	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