

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7820877/xu-wu-publications-by-citations.pdf>

Version: 2024-04-24

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.

36
papers

2,149
citations

18
h-index

37
g-index

37
ext. papers

2,474
ext. citations

7
avg, IF

4.94
L-index

#	Paper	IF	Citations
36	Fabrication of highly fluorescent graphene quantum dots using L-glutamic acid for / imaging and sensing. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4676-4684	7.1	319
35	Ultrasmall near-infrared gold nanoclusters for tumor fluorescence imaging in vivo. <i>Nanoscale</i> , 2010 , 2, 2244-9	7.7	313
34	In vivo study of biodistribution and urinary excretion of surface-modified silica nanoparticles. <i>Analytical Chemistry</i> , 2008 , 80, 9597-603	7.8	295
33	Photostable Ratiometric Pdot Probe for in Vitro and in Vivo Imaging of Hypochlorous Acid. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6911-6918	16.4	226
32	Methylene blue-encapsulated phosphonate-terminated silica nanoparticles for simultaneous in vivo imaging and photodynamic therapy. <i>Biomaterials</i> , 2009 , 30, 5601-9	15.6	186
31	Aptamers: active targeting ligands for cancer diagnosis and therapy. <i>Theranostics</i> , 2015 , 5, 322-44	12.1	178
30	Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 297-312	6	116
29	A reversible fluorescent logic gate for sensing mercury and iodide ions based on a molecular beacon. <i>Analyst, The</i> , 2013 , 138, 5281-7	5	56
28	Graphene oxide as an efficient antimicrobial nanomaterial for eradicating multi-drug resistant bacteria in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 157, 1-9	6	49
27	One-pot synthesis of sustained-released doxorubicin silica nanoparticles for aptamer targeted delivery to tumor cells. <i>Nanoscale</i> , 2011 , 3, 2936-42	7.7	40
26	One-Pot Synthesis of Reduced Graphene Oxide/Metal (Oxide) Composites. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37962-37971	9.5	39
25	Study of Fluorescence Quenching Ability of Graphene Oxide with a Layer of Rigid and Tunable Silica Spacer. <i>Langmuir</i> , 2018 , 34, 603-611	4	36
24	Enhanced synergetic antibacterial activity by a reduce graphene oxide/Ag nanocomposite through the photothermal effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 185, 110616	6	34
23	Shape-tunable hollow silica nanomaterials based on a soft-templating method and their application as a drug carrier. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21921-30	9.5	33
22	Surfactant-Augmented Functional Silica Nanoparticle Based Nanofluid for Enhanced Oil Recovery at High Temperature and Salinity. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45763-45775	9.5	29
21	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14908-14912	16.4	26
20	NitrogenSulfur-Doped Graphene Quantum Dots with Metal Ion-Resistance for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6858-6865	5.6	23

19	Polymer nanoparticles based nano-fluid for enhanced oil recovery at harsh formation conditions. <i>Fuel</i> , 2020 , 267, 117251	7.1	20
18	Evaluating pharmacokinetics and toxicity of luminescent quantum dots. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013 , 9, 1265-77	5.5	18
17	Ultrasensitive detection of 3V5Vexonuclease enzymatic activity using molecular beacons. <i>Analyst, The</i> , 2014 , 139, 1081-7	5	17
16	Reduced Graphene Oxide/Mesoporous Silica Nanocarriers for pH-Triggered Drug Release and Photothermal Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2577-2587	4.1	14
15	A graphene oxide-based fluorescence assay for the sensitive detection of DNA exonuclease enzymatic activity. <i>Analyst, The</i> , 2019 , 144, 6231-6239	5	10
14	Polymer dots enable deep multiphoton fluorescence imaging of microvasculature. <i>Biomedical Optics Express</i> , 2019 , 10, 584-599	3.5	10
13	One-pot synthesis of graphene quantum dots using humic acid and its application for copper (II) ion detection. <i>Journal of Materials Science</i> , 2021 , 56, 4991-5005	4.3	10
12	Copper (II)-doped semiconducting polymer dots for nitroxyl imaging in live cells. <i>RSC Advances</i> , 2016 , 6, 103618-103621	3.7	8
11	Synthesis of Highly Near-Infrared Fluorescent Graphene Quantum Dots Using Biomass-Derived Materials for Cell Imaging and Metal Ion Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43952-43962	9.5	8
10	Aggregation-based determination of mercury(II) using DNA-modified single gold nanoparticle, T-Hg(II)-T interaction, and single-particle ICP-MS. <i>Mikrochimica Acta</i> , 2019 , 187, 56	5.8	7
9	Development of silicon quantum dots based nano-fluid for enhanced oil recovery in tight Bakken cores. <i>Fuel</i> , 2020 , 277, 118203	7.1	6
8	Ratiometric Barcoding for Mass Cytometry. <i>Analytical Chemistry</i> , 2018 , 90, 10688-10694	7.8	6
7	Graphene Oxide-Template Gold Nanosheets as Highly Efficient Near-Infrared Hyperthermia Agents for Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2020 , 15, 8451-8463	7.3	4
6	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. <i>Angewandte Chemie</i> , 2017 , 129, 15104-15108	3.6	3
5	Conjugated Polymer Nanoparticles and Semiconducting Polymer Dots for Molecular Sensing and In Vivo and Cellular Imaging 2018 , 59-85		3
4	Graphene Oxide-Based Biocompatible 3D Mesh with a Tunable Porosity and Tensility for Cell Culture. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1505-1517	5.5	3
3	Biomass-derived rctt-3,4-di-2-furanyl-1,2-cyclobutanedicarboxylic acid: a polytopic ligand for synthesizing green metal-organic materials. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 226-240	1.6	2
2	Eu-Coordinated semiconducting polymer nanoparticles as a novel nanoprobe with two detection method signals for determination of copper(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130194	8.5	2

- 1 Label-free fluorescence assay coupled exonuclease reaction and SYBR Green I for the detection of T4 polynucleotide kinase activity. *Analytical Methods*, **2020**, 12, 807-812

3.2 ○