

Xu Wu

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.

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	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
35	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
34	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
33	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, 130194-5	8.5	2
32	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
31	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
30	Polymer nanoparticles based nano-fluid for enhanced oil recovery at harsh formation conditions. <i>Fuel</i> , 2020 , 267, 117251	7.1	20
29	Label-free fluorescence assay coupled exonuclease reaction and SYBR Green I for the detection of T4 polynucleotide kinase activity. <i>Analytical Methods</i> , 2020 , 12, 807-812	3.2	0
28	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
27	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
26	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
25	NitrogenSulfur-Doped Graphene Quantum Dots with Metal Ion-Resistance for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6858-6865	5.6	23
24	Polymer dots enable deep multiphoton fluorescence imaging of microvasculature. <i>Biomedical Optics Express</i> , 2019 , 10, 584-599	3.5	10
23	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
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	Conjugated Polymer Nanoparticles and Semiconducting Polymer Dots for Molecular Sensing and In Vivo and Cellular Imaging 2018 , 59-85		3
20	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

19	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
18	Ratiometric Barcoding for Mass Cytometry. <i>Analytical Chemistry</i> , 2018 , 90, 10688-10694	7.8	6
17	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
16	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
15	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. <i>Angewandte Chemie</i> , 2017 , 129, 15104-15108	3.6	3
14	One-Pot Synthesis of Reduced Graphene Oxide/Metal (Oxide) Composites. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37962-37971	9.5	39
13	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
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	Aptamers: active targeting ligands for cancer diagnosis and therapy. <i>Theranostics</i> , 2015 , 5, 322-44	12.1	178
10	Ultrasensitive detection of 3V5Vexonuclease enzymatic activity using molecular beacons. <i>Analyst, The</i> , 2014 , 139, 1081-7	5	17
9	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
8	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
7	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
6	Evaluating pharmacokinetics and toxicity of luminescent quantum dots. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013 , 9, 1265-77	5.5	18
5	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
4	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
3	Ultrasmall near-infrared gold nanoclusters for tumor fluorescence imaging in vivo. <i>Nanoscale</i> , 2010 , 2, 2244-9	7.7	313
2	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

- 1 In vivo study of biodistribution and urinary excretion of surface-modified silica nanoparticles.
Analytical Chemistry, **2008**, 80, 9597-603

7.8 295