

Xu Wu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,750
citations

304743

22
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

5500
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of highly fluorescent graphene quantum dots using L-glutamic acid for in vitro/in vivo imaging and sensing. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4676.	5.5	385
2	Ultrasmall near-infrared gold nanoclusters for tumor fluorescence imaging in vivo. <i>Nanoscale</i> , 2010, 2, 2244.	5.6	336
3	In Vivo Study of Biodistribution and Urinary Excretion of Surface-Modified Silica Nanoparticles. <i>Analytical Chemistry</i> , 2008, 80, 9597-9603.	6.5	321
4	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.	13.7	311
5	Aptamers: Active Targeting Ligands for Cancer Diagnosis and Therapy. <i>Theranostics</i> , 2015, 5, 322-344.	10.0	212
6	Methylene blue-encapsulated phosphonate-terminated silica nanoparticles for simultaneous in vivo imaging and photodynamic therapy. <i>Biomaterials</i> , 2009, 30, 5601-5609.	11.4	204
7	Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 297-312.	3.3	133
8	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.	5.0	75
9	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.	8.0	71
10	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.	5.0	67
11	A reversible fluorescent logic gate for sensing mercury and iodide ions based on a molecular beacon. <i>Analyst</i> , 2013, 138, 5281.	3.5	62
12	Study of Fluorescence Quenching Ability of Graphene Oxide with a Layer of Rigid and Tunable Silica Spacer. <i>Langmuir</i> , 2018, 34, 603-611.	3.5	59
13	One-Pot Synthesis of Reduced Graphene Oxide/Metal (Oxide) Composites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37962-37971.	8.0	51
14	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, 21921-21930.	8.0	41
15	One-pot synthesis of sustained-released doxorubicin silica nanoparticles for aptamer targeted delivery to tumor cells. <i>Nanoscale</i> , 2011, 3, 2936.	5.6	40
16	Nitrogen- and Sulfur-Doped Graphene Quantum Dots with Metal Ion-Resistance for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019, 2, 6858-6865.	5.0	40
17	Polymer nanoparticles based nano-fluid for enhanced oil recovery at harsh formation conditions. <i>Fuel</i> , 2020, 267, 117251.	6.4	37
18	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.	3.7	37

#	ARTICLE	IF	CITATIONS
19	Synthesis of Highly Near-Infrared Fluorescent Graphene Quantum Dots Using Biomass-Derived Materials for <i>In Vitro</i> Cell Imaging and Metal Ion Detection. ACS Applied Materials & Interfaces, 2021, 13, 43952-43962.	8.0	34
20	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. Angewandte Chemie - International Edition, 2017, 56, 14908-14912.	13.8	32
21	Reduced Graphene Oxide/Mesoporous Silica Nanocarriers for pH-Triggered Drug Release and Photothermal Therapy. ACS Applied Bio Materials, 2020, 3, 2577-2587.	4.6	25
22	Development of silicon quantum dots based nano-fluid for enhanced oil recovery in tight Bakken cores. Fuel, 2020, 277, 118203.	6.4	24
23	Ultrasensitive detection of 3'-5' exonuclease enzymatic activity using molecular beacons. Analyst, The, 2014, 139, 1081-1087.	3.5	23
24	Aggregation-based determination of mercury(II) using DNA-modified single gold nanoparticle, T-Hg(II)-T interaction, and single-particle ICP-MS. Mikrochimica Acta, 2020, 187, 56.	5.0	22
25	Evaluating pharmacokinetics and toxicity of luminescent quantum dots. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 1265-1277.	3.3	21
26	A graphene oxide-based fluorescence assay for the sensitive detection of DNA exonuclease enzymatic activity. Analyst, The, 2019, 144, 6231-6239.	3.5	18
27	Polymer dots enable deep in vivo multiphoton fluorescence imaging of microvasculature. Biomedical Optics Express, 2019, 10, 584.	2.9	15
28	Graphene Oxide-Template Gold Nanosheets as Highly Efficient Near-Infrared Hyperthermia Agents for Cancer Therapy. International Journal of Nanomedicine, 2020, Volume 15, 8451-8463.	6.7	13
29	Copper(II)-doped semiconducting polymer dots for Nitroxyl imaging in live cells. RSC Advances, 2016, 6, 103618-103621.	3.6	9
30	Ratiometric Barcoding for Mass Cytometry. Analytical Chemistry, 2018, 90, 10688-10694.	6.5	9
31	Biomass-derived 3,4-di-2-furanyl-1,2-cyclobutanedicarboxylic acid: a polytopic ligand for synthesizing green metal-organic materials. Journal of Coordination Chemistry, 2021, 74, 226-240.	2.2	7
32	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.	2.7	4
33	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. Angewandte Chemie, 2017, 129, 15104-15108.	2.0	3
34	Graphene Oxide-Based Biocompatible 3D Mesh with a Tunable Porosity and Tensility for Cell Culture. ACS Biomaterials Science and Engineering, 2018, 4, 1505-1517.	5.2	3
35	Eu-Coordinated semiconducting polymer nanoparticles as a novel nanoprobe with two detection method signals for determination of copper(II) ions. Sensors and Actuators B: Chemical, 2021, 344, 130194.	7.8	3
36	Polymer dots enable deep in vivo multiphoton fluorescence imaging of cerebrovascular architecture. , 2018, , .		0