

# Xu Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,750  
citations

304602

22  
h-index

360920

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

5500  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	37
2	Biomass-derived <i>1,3,4-di-2-furanyl-1,2-cyclobutanedicarboxylic acid</i> : a polytopic ligand for synthesizing green metal-organic materials. <i>Journal of Coordination Chemistry</i> , 2021, 74, 226-240.	0.8	7
3	Synthesis of Highly Near-Infrared Fluorescent Graphene Quantum Dots Using Biomass-Derived Materials for <i>In Vitro</i> Cell Imaging and Metal Ion Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43952-43962.	4.0	34
4	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.	4.0	3
5	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.	2.5	67
6	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> , 2020, 187, 56.	2.5	22
7	Graphene Oxide-Template Gold Nanosheets as Highly Efficient Near-Infrared Hyperthermia Agents for Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8451-8463.	3.3	13
8	Development of silicon quantum dots based nano-fluid for enhanced oil recovery in tight Bakken cores. <i>Fuel</i> , 2020, 277, 118203.	3.4	24
9	Polymer nanoparticles based nano-fluid for enhanced oil recovery at harsh formation conditions. <i>Fuel</i> , 2020, 267, 117251.	3.4	37
10	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.	1.3	4
11	Reduced Graphene Oxide/Mesoporous Silica Nanocarriers for pH-Triggered Drug Release and Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 2577-2587.	2.3	25
12	Nitrogen-Sulfur-Doped Graphene Quantum Dots with Metal Ion-Resistance for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019, 2, 6858-6865.	2.4	40
13	A graphene oxide-based fluorescence assay for the sensitive detection of DNA exonuclease enzymatic activity. <i>Analyst</i> , 2019, 144, 6231-6239.	1.7	18
14	Surfactant-Augmented Functional Silica Nanoparticle Based Nanofluid for Enhanced Oil Recovery at High Temperature and Salinity. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 45763-45775.	4.0	71
15	Polymer dots enable deep in vivo multiphoton fluorescence imaging of microvasculature. <i>Biomedical Optics Express</i> , 2019, 10, 584.	1.5	15
16	Study of Fluorescence Quenching Ability of Graphene Oxide with a Layer of Rigid and Tunable Silica Spacer. <i>Langmuir</i> , 2018, 34, 603-611.	1.6	59
17	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.	2.6	3
18	Ratiometric Barcoding for Mass Cytometry. <i>Analytical Chemistry</i> , 2018, 90, 10688-10694.	3.2	9

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19	Polymer dots enable deep in vivo multiphoton fluorescence imaging of cerebrovascular architecture. , 2018, , .		0
20	Photostable Ratiometric Pdot Probe for in Vitro and in Vivo Imaging of Hypochlorous Acid. Journal of the American Chemical Society, 2017, 139, 6911-6918.	6.6	311
21	Graphene oxide as an efficient antimicrobial nanomaterial for eradicating multi-drug resistant bacteria in vitro and in vivo. Colloids and Surfaces B: Biointerfaces, 2017, 157, 1-9.	2.5	75
22	Lanthanide- Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. Angewandte Chemie, 2017, 129, 15104-15108.	1.6	3
23	One-Pot Synthesis of Reduced Graphene Oxide/Metal (Oxide) Composites. ACS Applied Materials & Interfaces, 2017, 9, 37962-37971.	4.0	51
24	Lanthanide- Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. Angewandte Chemie - International Edition, 2017, 56, 14908-14912.	7.2	32
25	Copper(II)-doped semiconducting polymer dots for Nitroxyl imaging in live cells. RSC Advances, 2016, 6, 103618-103621.	1.7	9
26	Aptamers: Active Targeting Ligands for Cancer Diagnosis and Therapy. Theranostics, 2015, 5, 322-344.	4.6	212
27	Shape-Tunable Hollow Silica Nanomaterials Based on a Soft-Templating Method and Their Application as a Drug Carrier. ACS Applied Materials & Interfaces, 2014, 6, 21921-21930.	4.0	41
28	Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 297-312.	1.7	133
29	Ultrasensitive detection of 3'-5' exonuclease enzymatic activity using molecular beacons. Analyst, The, 2014, 139, 1081-1087.	1.7	23
30	A reversible fluorescent logic gate for sensing mercury and iodide ions based on a molecular beacon. Analyst, The, 2013, 138, 5281.	1.7	62
31	Evaluating pharmacokinetics and toxicity of luminescent quantum dots. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 1265-1277.	1.5	21
32	Fabrication of highly fluorescent graphene quantum dots using L-glutamic acid for in vitro/in vivo imaging and sensing. Journal of Materials Chemistry C, 2013, 1, 4676.	2.7	385
33	One-pot synthesis of sustained-released doxorubicin silica nanoparticles for aptamer targeted delivery to tumor cells. Nanoscale, 2011, 3, 2936.	2.8	40
34	Ultrasmall near-infrared gold nanoclusters for tumor fluorescence imaging in vivo. Nanoscale, 2010, 2, 2244.	2.8	336
35	Methylene blue-encapsulated phosphonate-terminated silica nanoparticles for simultaneous in vivo imaging and photodynamic therapy. Biomaterials, 2009, 30, 5601-5609.	5.7	204
36	In Vivo Study of Biodistribution and Urinary Excretion of Surface-Modified Silica Nanoparticles. Analytical Chemistry, 2008, 80, 9597-9603.	3.2	321