

# Yuanfang Liu

## List of Publications by Year in descending order

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31  
papers

3,216  
citations

304743

22  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Dots for Optical Imaging in Vivo. <i>Journal of the American Chemical Society</i> , 2009, 131, 11308-11309.	13.7	1,341
2	Long-term accumulation and low toxicity of single-walled carbon nanotubes in intravenously exposed mice. <i>Toxicology Letters</i> , 2008, 181, 182-189.	0.8	409
3	Superior Antibacterial Activity of Zinc Oxide/Graphene Oxide Composites Originating from High Zinc Concentration Localized around Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 2791-2798.	8.0	377
4	Covalently PEGylated Carbon Nanotubes with Stealth Character In Vivo. <i>Small</i> , 2008, 4, 940-944.	10.0	153
5	Carbon “Quantum” Dots for Fluorescence Labeling of Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19439-19445.	8.0	149
6	Blood Clearance, Distribution, Transformation, Excretion, and Toxicity of Near-Infrared Quantum Dots Ag <sub>2</sub> Se in Mice. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17859-17869.	8.0	68
7	Cytotoxicity of Zinc Oxide Nanoparticles: Importance of Microenvironment. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 8638-8645.	0.9	65
8	Nanotechnology tackles tumours. <i>Nature Nanotechnology</i> , 2007, 2, 20-21.	31.5	64
9	Enhanced bactericidal toxicity of silver nanoparticles by the antibiotic gentamicin. <i>Environmental Science: Nano</i> , 2016, 3, 788-798.	4.3	50
10	Low toxicity and accumulation of zinc oxide nanoparticles in mice after 270-day consecutive dietary supplementation. <i>Toxicology Research</i> , 2017, 6, 134-143.	2.1	45
11	Toxicological Effects of Caco-2 Cells Following Short-Term and Long-Term Exposure to Ag Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2016, 17, 974.	4.1	43
12	Competitive adsorption of heavy metal ions on carbon nanotubes and the desorption in simulated biofluids. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 347-355.	9.4	42
13	Rapid translocation and pharmacokinetics of hydroxylated single-walled carbon nanotubes in mice. <i>Nanotoxicology</i> , 2008, 2, 28-32.	3.0	41
14	Biocompatibility of graphene oxide intravenously administrated in mice—effects of dose, size and exposure protocols. <i>Toxicology Research</i> , 2015, 4, 83-91.	2.1	37
15	CYTOTOXICITY EVALUATIONS OF FLUORESCENT CARBON NANOPARTICLES. <i>Nano LIFE</i> , 2010, 01, 153-161.	0.9	35
16	Ag nanoparticles inhibit the growth of the bryophyte, <i>Physcomitrella patens</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 739-748.	6.0	30
17	Cytotoxicity of vanadium oxide nanoparticles and titanium dioxide-coated vanadium oxide nanoparticles to human lung cells. <i>Journal of Applied Toxicology</i> , 2020, 40, 567-577.	2.8	30
18	Host-guest carbon dots as high-performance fluorescence probes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6328-6335.	5.5	28

#	ARTICLE	IF	CITATIONS
19	PEGylation of double-walled carbon nanotubes for increasing their solubility in water. Nano Research, 2010, 3, 103-109.	10.4	27
20	Intestinal injury alters tissue distribution and toxicity of ZnO nanoparticles in mice. Toxicology Letters, 2018, 295, 74-85.	0.8	27
21	Short-term and long-term toxicological effects of vanadium dioxide nanoparticles on A549 cells. Environmental Science: Nano, 2019, 6, 565-579.	4.3	27
22	Artificial antibody created by conformational reconstruction of the complementary-determining region on gold nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E34-E43.	7.1	25
23	Biological behaviors and chemical fates of Ag <sub>2</sub> Se quantum dots in vivo: the effect of surface chemistry. Toxicology Research, 2017, 6, 693-704.	2.1	24
24	Bioavailability and preliminary toxicity evaluations of alumina nanoparticles in vivo after oral exposure. Toxicology Research, 2012, 1, 69-74.	2.1	19
25	Fate of CdSe/ZnS quantum dots in cells: Endocytosis, translocation and exocytosis. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112140.	5.0	19
26	Biological effects of agglomerated multi-walled carbon nanotubes. Colloids and Surfaces B: Biointerfaces, 2016, 142, 65-73.	5.0	14
27	In vivo fate of Ag <sub>2</sub> Te quantum dot and comparison with other NIR-II silver chalcogenide quantum dots. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	7
28	Effects of VO <sub>2</sub> nanoparticles on human liver HepG2 cells: Cytotoxicity, genotoxicity, and glucose and lipid metabolism disorders. NanoImpact, 2021, 24, 100351.	4.5	7
29	Folding of Flexible Protein Fragments and Design of Nanoparticle-Based Artificial Antibody Targeting Lysozyme. Journal of Physical Chemistry B, 2022, 126, 5045-5054.	2.6	7
30	A Potential MDM2 Inhibitor Formed by Restoring the Native Conformation of the p53 Helical Peptide on Gold Nanoparticles. ChemMedChem, 2022, 17, .	3.2	6
31	Dielectrophoretic addressable deposition of arc-SWCNTs for high-throughput screening FET arrays. , 2010, , .		0