

# Qianqian Su

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

4,808  
citations

257101

24  
h-index

214527

47  
g-index

54  
all docs

54  
docs citations

54  
times ranked

7627  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering Nanoparticle Trafficking into Glioblastomas Uncovers an Augmented Antitumor Effect of Metronomic Chemotherapy. <i>Advanced Materials</i> , 2022, 34, e2106194.	11.1	17
2	Afterglow Implant for Arterial Embolization and Intraoperative Imaging. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	6
3	Upconversion nanoparticles for the future of biosensing. , 2022, , 305-363.		0
4	Polyethylenimine Functionalized Ultrasmall Mesoporous Silica Nanoparticles for siRNA Delivery. <i>ChemNanoMat</i> , 2022, 8, .	1.5	6
5	Simultaneous ultraviolet-C and near-infrared enhancement in heterogeneous lanthanide nanocrystals. <i>Nanoscale</i> , 2022, 14, 4595-4603.	2.8	9
6	Luminescent Lifetime Regulation of Lanthanide-Doped Nanoparticles for Biosensing. <i>Biosensors</i> , 2022, 12, 131.	2.3	9
7	Intensifying upconverted ultraviolet emission towards efficient reactive oxygen species generation. <i>Chemistry - an Asian Journal</i> , 2022, , e202200309.	1.7	1
8	Cover Feature: Intensifying Upconverted Ultraviolet Emission towards Efficient Reactive Oxygen Species Generation (Chem. Asian J. 15/2022). <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	0
9	Editorial: Women in Lanthanide-Based Luminescence Research: From Basic Research to Applications. <i>Frontiers in Chemistry</i> , 2021, 9, 667672.	1.8	2
10	Afterglow Amplification for Fast and Sensitive Detection of Porphyria in Whole Blood. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27991-27998.	4.0	16
11	Six-photon upconverted excitation energy lock-in for ultraviolet-C enhancement. <i>Nature Communications</i> , 2021, 12, 4367.	5.8	51
12	Plasmonic Oxygen Defects in $\text{MO}_3\hat{\text{a}}^{\text{r}}\text{O}_x$ (M = W or Mo) Nanomaterials: Synthesis, Modifications, and Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101331.	3.9	12
13	Anomalous upconversion amplification induced by surface reconstruction in lanthanide sublattices. <i>Nature Photonics</i> , 2021, 15, 732-737.	15.6	77
14	NIR-II emitting rare-earth nanoparticles for a lateral flow immunoassay in hemolysis. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130380.	4.0	12
15	Dye Sensitization for Ultraviolet Upconversion Enhancement. <i>Nanomaterials</i> , 2021, 11, 3114.	1.9	8
16	Superlong afterglow reporter for the detection of porphyria in whole blood. <i>Journal of Luminescence</i> , 2021, 243, 118612.	1.5	1
17	In vivo fate of Ag <sub>2</sub> Te quantum dot and comparison with other NIR-II silver chalcogenide quantum dots. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	7
18	Microscale Self-Assembly of Upconversion Nanoparticles Driven by Block Copolymer. <i>Frontiers in Chemistry</i> , 2020, 8, 836.	1.8	5

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19	Inhibition of $\alpha$ -chymotrypsin by pristine single-wall carbon nanotubes: Clogging up the active site. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 174-184.	5.0	22
20	Unexpected Size Effect: The Interplay between Different-Sized Nanoparticles in Their Cellular Uptake. <i>Small</i> , 2019, 15, e1901687.	5.2	49
21	Effects of carbon dots surface functionalities on cellular behaviors – Mechanistic exploration for opportunities in manipulating uptake and translocation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 48-57.	2.5	17
22	Comparative investigation of the optical spectroscopic and thermal effect in Nd <sup>3+</sup> -doped nanoparticles. <i>Nanoscale</i> , 2019, 11, 10220-10228.	2.8	25
23	ICT-based near infrared fluorescent switch-on probe for nitric oxide bioimaging in vivo. <i>Dyes and Pigments</i> , 2019, 166, 211-216.	2.0	23
24	The Bioavailability, Biodistribution, and Toxic Effects of Silica-Coated Upconversion Nanoparticles in vivo. <i>Frontiers in Chemistry</i> , 2019, 7, 218.	1.8	36
25	Toxicity assessment and mechanistic investigation of engineered monoclinic VO <sub>2</sub> nanoparticles. <i>Nanoscale</i> , 2018, 10, 9736-9746.	2.8	14
26	Energy transfer-based biodetection using optical nanomaterials. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2924-2944.	2.9	35
27	Ultrastable Amine, Sulfo Cofunctionalized Graphene Quantum Dots with High Two-Photon Fluorescence for Cellular Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4711-4716.	3.2	45
28	Upconversion nanoprobe for biodetections. <i>Coordination Chemistry Reviews</i> , 2018, 354, 155-168.	9.5	119
29	Morphology Control and Growth Mechanism Study of Quantum-Sized ZnS Nanocrystals from Single-Source Precursors. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6850-6858.	0.9	4
30	Ratiometric nanothermometer in vivo based on triplet-sensitized upconversion. <i>Nature Communications</i> , 2018, 9, 2698.	5.8	194
31	Revisiting the optimized doping ratio in core/shell nanostructured upconversion particles. <i>Nanoscale</i> , 2017, 9, 1964-1971.	2.8	87
32	Anti-Stokes shift luminescent materials for bio-applications. <i>Chemical Society Reviews</i> , 2017, 46, 1025-1039.	18.7	385
33	Resonance Energy Transfer in Upconversion Nanoplatforms for Selective Biodetection. <i>Accounts of Chemical Research</i> , 2017, 50, 32-40.	7.6	213
34	A cation-exchange controlled core-shell MnS@Bi <sub>2</sub> S <sub>3</sub> theranostic platform for multimodal imaging guided radiation therapy with hyperthermia boost. <i>Nanoscale</i> , 2017, 9, 14364-14375.	2.8	53
35	In vivo biodistribution and toxicity assessment of triplet-triplet annihilation-based upconversion nanocapsules. <i>Biomaterials</i> , 2017, 112, 10-19.	5.7	44
36	Near-Infrared Upconversion Chemodosimeter for In Vivo Detection of Cu <sup>2+</sup> in Wilson Disease. <i>Advanced Materials</i> , 2016, 28, 6625-6630.	11.1	115

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37	Near-infrared in vivo bioimaging using a molecular upconversion probe. <i>Chemical Communications</i> , 2016, 52, 7466-7469.	2.2	61
38	Intraperitoneal Administration of Biointerface-Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. <i>Advanced Functional Materials</i> , 2016, 26, 8631-8642.	7.8	23
39	Mitochondria-Targeted Near-Infrared Fluorescent Off-On Probe for Selective Detection of Cysteine in Living Cells and <i>in Vivo</i> . <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27968-27975.	4.0	189
40	Ratiometric Monitoring of Intracellular Drug Release by an Upconversion Drug Delivery Nanosystem. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 12278-12286.	4.0	57
41	Ultrasensitive Near-Infrared Fluorescence-Enhanced Probe for <i>in Vivo</i> Nitroreductase Imaging. <i>Journal of the American Chemical Society</i> , 2015, 137, 6407-6416.	6.6	408
42	Recent progress in metal-organic complexes for optoelectronic applications. <i>Chemical Society Reviews</i> , 2014, 43, 3259-3302.	18.7	996
43	Sub-10 nm Fe <sub>3</sub> O <sub>4</sub> @Cu <sub>2</sub> S Core-Shell Nanoparticles for Dual-Modal Imaging and Photothermal Therapy. <i>Journal of the American Chemical Society</i> , 2013, 135, 8571-8577.	6.6	581
44	Dual-Drug Encapsulation and Release from Core-Shell Nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 861-871.	1.9	46
45	The Effect of Surface Coating on Energy Migration-Mediated Upconversion. <i>Journal of the American Chemical Society</i> , 2012, 134, 20849-20857.	6.6	405
46	Controlled release of bone morphogenetic protein 2 and dexamethasone loaded in core-shell PLLA-collagen fibers for use in bone tissue engineering. <i>Acta Biomaterialia</i> , 2012, 8, 763-771.	4.1	241
47	Encapsulation and Controlled Release of Heparin from Electrospun Poly(L-Lactide-co-ε-Caprolactone) Nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 165-177.	1.9	36
48	Studies on the Thermal Properties of Epoxy Resins Modified with Two Kinds of Silanes. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 43-56.	0.4	14
49	Studies on the Thermal Properties and Flame Retardancy of Epoxy Resins Modified with Polysiloxane Containing Organophosphorus and Epoxide Groups. <i>Polymer Journal</i> , 2007, 39, 696-702.	1.3	26
50	Synthesis of a novel phosphorus-containing polysiloxane and its use as the modifier of thermal properties of an epoxy resin. <i>Polimery</i> , 2007, 52, 836-840.	0.4	4
51	Degradation of Upconverting Nanoparticles in Simulated Fluids Evaluated by Ratiometric Luminescence. <i>New Journal of Chemistry</i> , 0, , .	1.4	0
52	Encapsulation of ultrasmall nanophosphors into liposomes by thin-film hydration. <i>European Physical Journal: Special Topics</i> , 0, , 1.	1.2	2