Qianqian Su

List of Publications by Year
in descending order

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52 papers	4,808 citations	236925 25 h-index	214800 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. Advanced Materials, 2022, 34, e2106194.	21.0	17
2	Afterglow Implant for Arterial Embolization and Intraoperative Imaging. Chemistry - A European Journal, 2022, 28, .	3.3	6
3	Upconversion nanoparticles for the future of biosensing. , 2022, , 305-363.		0
4	Polyethylenimine Functionalized Ultrasmall Mesoporous Silica Nanoparticles for siRNA Delivery. ChemNanoMat, 2022, 8, .	2.8	6
5	Simultaneous ultraviolet-C and near-infrared enhancement in heterogeneous lanthanide nanocrystals. Nanoscale, 2022, 14, 4595-4603.	5.6	9
6	Luminescent Lifetime Regulation of Lanthanide-Doped Nanoparticles for Biosensing. Biosensors, 2022, 12, 131.	4.7	9
7	Intensifying upconverted ultraviolet emission towards efficient reactive oxygen species generation. Chemistry - an Asian Journal, 2022, , e202200309.	3.3	1
8	Cover Feature: Intensifying Upconverted Ultraviolet Emission towards Efficient Reactive Oxygen Species Generation (Chem. Asian J. 15/2022). Chemistry - an Asian Journal, 2022, 17, .	3.3	0
9	Editorial: Women in Lanthanide-Based Luminescence Research: From Basic Research to Applications. Frontiers in Chemistry, 2021, 9, 667672.	3.6	2
10	Afterglow Amplification for Fast and Sensitive Detection of Porphyria in Whole Blood. ACS Applied Materials & Interfaces, 2021, 13, 27991-27998.	8.0	16
11	Six-photon upconverted excitation energy lock-in for ultraviolet-C enhancement. Nature Communications, 2021, 12, 4367.	12.8	51
12	Plasmonic Oxygen Defects in MO_{3â^'}_x (M = W or Mo) Nanomaterials: Synthesis, Modifications, and Biomedical Applications. Advanced Healthcare Materials, 2021, 10, e2101331.	7.6	12
13	Anomalous upconversion amplification induced by surface reconstruction in lanthanide sublattices. Nature Photonics, 2021, 15, 732-737.	31.4	77
14	NIR-II emitting rare-earth nanoparticles for a lateral flow immunoassay in hemolysis. Sensors and Actuators B: Chemical, 2021, 345, 130380.	7.8	12
15	Dye Sensitization for Ultraviolet Upconversion Enhancement. Nanomaterials, 2021, 11, 3114.	4.1	8
16	Superlong afterglow reporter for the detection of porphyria in whole blood. Journal of Luminescence, 2021, 243, 118612.	3.1	1
17	In vivo fate of Ag2Te quantum dot and comparison with other NIR-II silver chalcogenide quantum dots. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	7
18	Microscale Self-Assembly of Upconversion Nanoparticles Driven by Block Copolymer. Frontiers in Chemistry, 2020, 8, 836.	3.6	5

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19	Inhibition of Î±-chymotrypsin by pristine single-wall carbon nanotubes: Clogging up the active site. Journal of Colloid and Interface Science, 2020, 571, 174-184.	9.4	22
20	Unexpected Size Effect: The Interplay between Differentâ€Sized Nanoparticles in Their Cellular Uptake. Small, 2019, 15, e1901687.	10.0	49
21	Effects of carbon dots surface functionalities on cellular behaviors â€“ Mechanistic exploration for opportunities in manipulating uptake and translocation. Colloids and Surfaces B: Biointerfaces, 2019, 181, 48-57.	5.0	17
22	Comparative investigation of the optical spectroscopic and thermal effect in Nd³⁺-doped nanoparticles. Nanoscale, 2019, 11, 10220-10228.	5.6	25
23	ICT-based near infrared fluorescent switch-on probe for nitric oxide bioimaging in vivo. Dyes and Pigments, 2019, 166, 211-216.	3.7	23
24	The Bioavailability, Biodistribution, and Toxic Effects of Silica-Coated Upconversion Nanoparticles in vivo. Frontiers in Chemistry, 2019, 7, 218.	3.6	36
25	Toxicity assessment and mechanistic investigation of engineered monoclinic VO₂nanoparticles. Nanoscale, 2018, 10, 9736-9746.	5.6	14
26	Energy transfer-based biodetection using optical nanomaterials. Journal of Materials Chemistry B, 2018, 6, 2924-2944.	5.8	35
27	Ultrastable Amine, Sulfo Cofunctionalized Graphene Quantum Dots with High Two-Photon Fluorescence for Cellular Imaging. ACS Sustainable Chemistry and Engineering, 2018, 6, 4711-4716.	6.7	45
28	Upconversion nanoprobes for biodetections. Coordination Chemistry Reviews, 2018, 354, 155-168.	18.8	119
29	Morphology Control and Growth Mechanism Study of Quantum-Sized ZnS Nanocrystals from Single-Source Precursors. Journal of Nanoscience and Nanotechnology, 2018, 18, 6850-6858.	0.9	4
30	Ratiometric nanothermometer in vivo based on tripletÂsensitized upconversion. Nature Communications, 2018, 9, 2698.	12.8	194
31	Revisiting the optimized doping ratio in core/shell nanostructured upconversion particles. Nanoscale, 2017, 9, 1964-1971.	5.6	87
32	Anti-Stokes shift luminescent materials for bio-applications. Chemical Society Reviews, 2017, 46, 1025-1039.	38.1	385
33	Resonance Energy Transfer in Upconversion Nanoplatforms for Selective Biodetection. Accounts of Chemical Research, 2017, 50, 32-40.	15.6	213
34	A cation-exchange controlled coreâ€“shell MnS@Bi₂S₃ theranostic platform for multimodal imaging guided radiation therapy with hyperthermia boost. Nanoscale, 2017, 9, 14364-14375.	5.6	53
35	InÂvivo biodistribution and toxicity assessment of triplet-triplet annihilation-based upconversion nanocapsules. Biomaterials, 2017, 112, 10-19.	11.4	44
36	Nearâ€Infrared Upconversion Chemodosimeter for In Vivo Detection of Cu²⁺ in Wilson Disease. Advanced Materials, 2016, 28, 6625-6630.	21.0	115

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37	Near-infrared in vivo bioimaging using a molecular upconversion probe. Chemical Communications, 2016, 52, 7466-7469.	4.1	61
38	Intraperitoneal Administration of Biointerfaceâ€Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. Advanced Functional Materials, 2016, 26, 8631-8642.	14.9	23
39	Mitochondria-Targeted Near-Infrared Fluorescent Offâ€“On Probe for Selective Detection of Cysteine in Living Cells and in Vivo. ACS Applied Materials & Interfaces, 2015, 7, 27968-27975.	8.0	189
40	Ratiometric Monitoring of Intracellular Drug Release by an Upconversion Drug Delivery Nanosystem. ACS Applied Materials & Interfaces, 2015, 7, 12278-12286.	8.0	57
41	Ultrasensitive Near-Infrared Fluorescence-Enhanced Probe for in Vivo Nitroreductase Imaging. Journal of the American Chemical Society, 2015, 137, 6407-6416.	13.7	408
42	Recent progress in metalâ€“organic complexes for optoelectronic applications. Chemical Society Reviews, 2014, 43, 3259-3302.	38.1	996
43	Sub-10 nm Fe₃O₄@Cu_{2â€“x}S Coreâ€“Shell Nanoparticles for Dual-Modal Imaging and Photothermal Therapy. Journal of the American Chemical Society, 2013, 135, 8571-8577.	13.7	581
44	Dual-Drug Encapsulation and Release from Coreâ€“Shell Nanofibers. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 861-871.	3.5	46
45	The Effect of Surface Coating on Energy Migration-Mediated Upconversion. Journal of the American Chemical Society, 2012, 134, 20849-20857.	13.7	405
46	Controlled release of bone morphogenetic protein 2 and dexamethasone loaded in coreâ€“shell PLLACLâ€“collagen fibers for use in bone tissue engineering. Acta Biomaterialia, 2012, 8, 763-771.	8.3	241
47	Encapsulation and Controlled Release of Heparin from Electrospun Poly(L-Lactide-co-Îµ-Caprolactone) Nanofibers. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 165-177.	3.5	36
48	Studies on the Thermal Properties of Epoxy Resins Modified with Two Kinds of Silanes. Journal of Macromolecular Science - Physics, 2010, 49, 43-56.	1.0	14
49	Studies on the Thermal Properties and Flame Retardancy of Epoxy Resins Modified with Polysiloxane Containing Organophosphorus and Epoxide Groups. Polymer Journal, 2007, 39, 696-702.	2.7	26
50	Synthesis of a novel phosphorus-containing polysiloxane and its use as the modifier of thermal properties of an epoxy resin. Polimery, 2007, 52, 836-840.	0.7	4
51	Degradation of Upconverting Nanoparticles in Simulated Fluids Evaluated by Ratiometric Luminescence. New Journal of Chemistry, 0, , .	2.8	0
52	Encapsulation of ultrasmall nanophosphors into liposomes by thin-film hydration. European Physical Journal: Special Topics, 0, , 1.	2.6	2