

Xiaohui Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

730
citations

840776

11
h-index

794594

19
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19
all docs

19
docs citations

19
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress of Rare-Earth Doped Upconversion Nanoparticles: Synthesis, Optimization, and Applications. <i>Advanced Science</i> , 2019, 6, 1901358.	11.2	228
2	Near-Infrared Excited Orthogonal Emissive Upconversion Nanoparticles for Imaging-Guided On-Demand Therapy. <i>ACS Nano</i> , 2019, 13, 10405-10418.	14.6	108
3	Exploring Heterostructured Upconversion Nanoparticles: From Rational Engineering to Diverse Applications. <i>ACS Nano</i> , 2021, 15, 3709-3735.	14.6	82
4	Upconversion-Magnetic Carbon Sphere for Near Infrared Light-Triggered Bioimaging and Photothermal Therapy. <i>Theranostics</i> , 2019, 9, 608-619.	10.0	45
5	Photodynamic-based combinatorial cancer therapy strategies: Tuning the properties of nanoplatform according to oncotherapy needs. <i>Coordination Chemistry Reviews</i> , 2022, 461, 214495.	18.8	44
6	Spectral engineering of lanthanide-doped upconversion nanoparticles and their biosensing applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1743-1770.	5.9	36
7	Construction of a near-infrared responsive upconversion nanoplatform against hypoxic tumors via NO-enhanced photodynamic therapy. <i>Nanoscale</i> , 2020, 12, 7875-7887.	5.6	31
8	Near-infrared-responsive functional nanomaterials: the first domino of combined tumor therapy. <i>Nano Today</i> , 2021, 36, 100963.	11.9	30
9	Synergistic upconversion photodynamic and photothermal therapy under cold near-infrared excitation. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 513-529.	9.4	25
10	Full shell coating or cation exchange enhances luminescence. <i>Nature Communications</i> , 2021, 12, 6178.	12.8	24
11	Lanthanide-Doped Nanoparticles for Near-Infrared Light Activation of Photopolymerization: Fundamentals, Optimization and Applications. <i>Chemical Record</i> , 2021, 21, 1681-1696.	5.8	17
12	NIR-Responsive Photodynamic Nanosystem Combined with Antitumor Immune Optogenetics Bacteria for Precise Synergetic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13094-13106.	8.0	12
13	Shedding Light on Luminescent Janus Nanoparticles: From Synthesis to Photoluminescence and Applications. <i>Small</i> , 2022, 18, e2200020.	10.0	11
14	Phase-Change Nanotherapeutic Agents Based on Mesoporous Carbon for Multimodal Imaging and Tumor Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 8705-8713.	4.6	9
15	Engineering Near-Infrared-Excitable Metal-Organic Framework for Tumor Microenvironment Responsive Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 6316-6325.	4.6	9
16	Elucidating the role of energy management in making brighter, and more colorful upconversion nanoparticles. <i>Materials Today Physics</i> , 2021, 20, 100451.	6.0	9
17	Near-infrared mediated orthogonal bioimaging and intracellular tracking of upconversion nanophotosensitizers. <i>Mikrochimica Acta</i> , 2022, 189, 120.	5.0	4
18	A Biosynthesized Near-Infrared-Responsive Nanocomposite Biomaterial for Antimicrobial and Antibiofilm Treatment. <i>ACS Applied Bio Materials</i> , 2021, 4, 7542-7553.	4.6	3

#	ARTICLE	IF	CITATIONS
19	H ₂ O ₂ self-providing synergistic chemodynamic/photothermal therapy using graphene oxide supported zero valence iron nanoparticles. RSC Advances, 2021, 11, 28973-28987.	3.6	3