

Yu Cao

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,571
citations

331259

21
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

3675
citing authors

#	ARTICLE	IF	CITATIONS
1	Cotton thread-based multi-channel photothermal biosensor for simultaneous detection of multiple microRNAs. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113913.	5.3	18
2	Glutathione-Responsive Biodegradable Core-Shell Nanoparticles That Self-Generate H ₂ O ₂ and Deliver Doxorubicin for Chemo-Photodynamic Therapy. <i>ACS Applied Nano Materials</i> , 2022, 5, 2592-2602.	2.4	18
3	Engineering Macrophage Exosome Disguised Biodegradable Nanoplatform for Enhanced Sonodynamic Therapy of Glioblastoma. <i>Advanced Materials</i> , 2022, 34, e2110364.	11.1	131
4	Flexible Designing Strategy to Construct Activatable NIR-II Fluorescent Probes with Emission Maxima beyond 1200 nm. <i>Analytical Chemistry</i> , 2021, 93, 4006-4014.	3.2	41
5	In-Situ Formation of Ag ₂ S Nanoparticles on a Paper-Supported Wettable Microchip for High-Throughput Photothermal Sensing of MicroRNA. <i>Analysis & Sensing</i> , 2021, 1, 111-116.	1.1	0
6	Cancer Cell Membrane Vesicle for Multiplex MicroRNA Imaging in Living Cells. <i>Analytical Chemistry</i> , 2020, 92, 1850-1855.	3.2	30
7	Bacterial Vesicle-Cancer Cell Hybrid Membrane-Coated Nanoparticles for Tumor Specific Immune Activation and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41138-41147.	4.0	100
8	An open source and reduce expenditure ROS generation strategy for chemodynamic/photodynamic synergistic therapy. <i>Nature Communications</i> , 2020, 11, 1735.	5.8	343
9	TiO ₂ Nanosheets with the Au Nanocrystal-Decorated Edge for Mitochondria-Targeting Enhanced Sonodynamic Therapy. <i>Chemistry of Materials</i> , 2019, 31, 9105-9114.	3.2	129
10	A three-dimensional DNA walking machine for the ultrasensitive dual-modal detection of miRNA using a fluorometer and personal glucose meter. <i>Nanoscale</i> , 2019, 11, 11279-11284.	2.8	43
11	Functional MoS ₂ nanosheets for precursor and mature microRNA detection in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4559-4567.	1.9	10
12	Peroxidase-like Fe ₃ O ₄ nanocomposite for activatable reactive oxygen species generation and cancer theranostics. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1184-1194.	3.2	39
13	Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO ₂ @Cu ₂ O/Perfluorohexane Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6991-7002.	4.0	74
14	Photoluminescent two-dimensional SiC quantum dots for cellular imaging and transport. <i>Nano Research</i> , 2018, 11, 4074-4081.	5.8	38
15	Bioinspired DNA-Inorganic Hybrid Nanoflowers Combined with a Personal Glucose Meter for Onsite Detection of miRNA. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42050-42057.	4.0	58
16	Metal-Organic Framework Nanoshuttle for Synergistic Photodynamic and Low-Temperature Photothermal Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804634.	7.8	238
17	Erythrocyte-Cancer Hybrid Membrane Camouflaged Hollow Copper Sulfide Nanoparticles for Prolonged Circulation Life and Homotypic-Targeting Photothermal/Chemotherapy of Melanoma. <i>ACS Nano</i> , 2018, 12, 5241-5252.	7.3	378
18	Catalytic hairpin assembly gel assay for multiple and sensitive microRNA detection. <i>Theranostics</i> , 2018, 8, 2646-2656.	4.6	38

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19	Multiplex microRNA imaging in living cells using DNA-capped-Au assembled hydrogels. <i>Chemical Science</i> , 2018, 9, 7419-7425.	3.7	85
20	Intelligent MnO ₂ /Cu ₂ S for Multimode Imaging Diagnostic and Advanced Single-Laser Irradiated Photothermal/Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17732-17741.	4.0	90
21	Enhanced lateral flow assay with double conjugates for the detection of exosomes. <i>Science China Chemistry</i> , 2018, 61, 1423-1429.	4.2	23
22	Fabricating Aptamer-Conjugated PEGylated MoS ₂ /Cu _{1.8} S Theranostic Nanoplatfor for Multiplexed Imaging Diagnosis and Chemo-Photothermal Therapy of Cancer. <i>Advanced Functional Materials</i> , 2017, 27, 1605592.	7.8	107
23	Cancer Therapy: Fabricating Aptamer-Conjugated PEGylated MoS ₂ /Cu _{1.8} S Theranostic Nanoplatfor for Multiplexed Imaging Diagnosis and Chemo-Photothermal Therapy of Cancer (<i>Adv. Funct. Mater.</i> 16/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	0
24	Free-Blockage Mesoporous Anticancer Nanoparticles Based on ROS-Responsive Wetting Behavior of Nanopores. <i>Small</i> , 2017, 13, 1701942.	5.2	41
25	Ultrasensitive and Multiple Disease-Related MicroRNA Detection Based on Tetrahedral DNA Nanostructures and Duplex-Specific Nuclease-Assisted Signal Amplification. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33499-33505.	4.0	54
26	Fluorescent MoS ₂ Quantum Dots: Ultrasonic Preparation, Up-Conversion and Down-Conversion Bioimaging, and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3107-3114.	4.0	267
27	Tunable Fabrication of Molybdenum Disulfide Quantum Dots for Intracellular MicroRNA Detection and Multiphoton Bioimaging. <i>Small</i> , 2015, 11, 4158-4164.	5.2	178