

Xiao Cui

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,653
citations

304602

22
h-index

477173

29
g-index

30
all docs

30
docs citations

30
times ranked

1820
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Conjugated Small Molecules for Superior Photothermal Theranostics in the NIR-II Biowindow. <i>Advanced Materials</i> , 2020, 32, e2001146.	11.1	204
2	Biodegradable ICG-Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Nano</i> , 2019, 13, 12901-12911.	7.3	191
3	Stable Organic Photosensitizer Nanoparticles with Absorption Peak beyond 800 Nanometers and High Reactive Oxygen Species Yield for Multimodality Phototheranostics. <i>ACS Nano</i> , 2020, 14, 9917-9928.	7.3	101
4	Manipulating Interfacial Charge-Transfer Absorption of Cocrystal Absorber for Efficient Solar Seawater Desalination and Water Purification. <i>ACS Energy Letters</i> , 2020, 5, 2698-2705.	8.8	92
5	Water-Soluble Organic Nanoparticles with Programmable Intermolecular Charge Transfer for NIR-II Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11758-11762.	7.2	91
6	A broadband aggregation-independent plasmonic absorber for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10742-10746.	5.2	88
7	Two-dimensional MXene-based materials for photothermal therapy. <i>Nanophotonics</i> , 2020, 9, 2233-2249.	2.9	85
8	A Biocompatible Free Radical Nanogenerator with Real-Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1903436.	7.8	83
9	Intrinsically Cancer-Mitochondria-Targeted Thermally Activated Delayed Fluorescence Nanoparticles for Two-Photon-Activated Fluorescence Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41051-41061.	4.0	73
10	Biocompatible semiconducting polymer nanoparticles as robust photoacoustic and photothermal agents revealing the effects of chemical structure on high photothermal conversion efficiency. <i>Biomaterials</i> , 2018, 181, 92-102.	5.7	71
11	In situ nitridated porous nanosheet networked Co ₃ O ₄ @Co ₄ N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 775-782.	5.2	63
12	Manipulating exciton dynamics of thermally activated delayed fluorescence materials for tuning two-photon nanotheranostics. <i>Chemical Science</i> , 2020, 11, 888-895.	3.7	54
13	Stable ICG-radical nanoparticles as versatile photosensitizers for effective hypoxia-overcoming photodynamic therapy. <i>Materials Horizons</i> , 2021, 8, 571-576.	6.4	48
14	Recent Advances in Hypoxia-Overcoming Strategy of Aggregation-Induced Emission Photosensitizers for Efficient Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101607.	3.9	46
15	Amplifying Free Radical Generation of AIE Photosensitizer with Small Singlet-Triplet Splitting for Hypoxia-Overcoming Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5112-5121.	4.0	40
16	Dual Fenton Catalytic Nanoreactor for Integrative Type-I and Type-II Photodynamic Therapy Against Hypoxic Cancer Cells. <i>ACS Applied Bio Materials</i> , 2019, 2, 3854-3860.	2.3	38
17	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019, 19, 658-665.	4.5	37
18	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30274-30283.	4.0	35

#	ARTICLE	IF	CITATIONS
19	Electrochemically Stable Sodium Metal–Tellurium/Carbon Nanorods Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1903046.	10.2	33
20	Organic radical materials in biomedical applications: State of the art and perspectives. <i>Exploration</i> , 2022, 2, .	5.4	28
21	Achieving high singlet-oxygen generation by applying the heavy-atom effect to thermally activated delayed fluorescent materials. <i>Chemical Communications</i> , 2021, 57, 4902-4905.	2.2	27
22	Water–Ice Splitting Based and Related Therapeutic Effects: Evolving Concepts, Progress, and Perspectives. <i>Small</i> , 2020, 16, e2004551.	5.2	26
23	Single–Photomolecular Nanotheranostics for Synergetic Near–Infrared Fluorescence and Photoacoustic Imaging–Guided Highly Effective Photothermal Ablation. <i>Small</i> , 2020, 16, e2002672.	5.2	23
24	Recent Progress of Alkyl Radicals Generation–Based Agents for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100055.	3.9	21
25	Multi-Synergistic Removal of Low-Boiling-Point Contaminants with Efficient Carbon Aerogel-Based Solar Purifier. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31624-31634.	4.0	20
26	Water–Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR–Mediated Photothermal Anti–Bacterial Therapy. <i>Angewandte Chemie</i> , 2021, 133, 11864-11868.	1.6	16
27	Plant-Derived Single-Molecule-Based Nanotheranostics for Photoenhanced Chemotherapy and Ferroptotic-Like Cancer Cell Death. <i>ACS Applied Bio Materials</i> , 2019, 2, 2643-2649.	2.3	9
28	Single molecular nanomedicine with NIR light-initiated superoxide radical, singlet oxygen and thermal generation for hypoxia-overcoming cancer therapy. <i>Nanoscale</i> , 2021, 13, 8012-8016.	2.8	7
29	Batteries: Electrochemically Stable Sodium Metal–Tellurium/Carbon Nanorods Batteries (<i>Adv. Energy</i>) Tj ETQq1 1 0,784314,ggBT /Over	10.2	33