

Jinfeng Zhang

List of Publications by Year in descending order

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56
papers

4,017
citations

94433

37
h-index

175258

52
g-index

57
all docs

57
docs citations

57
times ranked

5572
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , 2017, 10, 3113-3123.	10.4	246
2	Responsive Exosome Nano-bioconjugates for Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2018-2022.	13.8	226
3	Biocompatible D-A Semiconducting Polymer Nanoparticle with Light-Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1605094.	14.9	188
4	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12473-12477.	13.8	171
5	Molecularly Engineered Macrophage-Derived Exosomes with Inflammation Tropism and Intrinsic Heme Biosynthesis for Atherosclerosis Treatment. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4068-4074.	13.8	164
6	Graphitic carbon nitride nanosheet@metal-organic framework core-shell nanoparticles for photo-chemo combination therapy. <i>Nanoscale</i> , 2015, 7, 17299-17305.	5.6	160
7	Self-Monitoring and Self-Delivery of Photosensitizer-Doped Nanoparticles for Highly Effective Combination Cancer Therapy <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 9741-9756.	14.6	149
8	Carbon Nanoparticle-based Ratiometric Fluorescent Sensor for Detecting Mercury Ions in Aqueous Media and Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21270-21278.	8.0	144
9	Self-carried curcumin nanoparticles for in vitro and in vivo cancer therapy with real-time monitoring of drug release. <i>Nanoscale</i> , 2015, 7, 13503-13510.	5.6	139
10	Ruthenium(II) Complex Incorporated UiO-67 Metal-Organic Framework Nanoparticles for Enhanced Two-Photon Fluorescence Imaging and Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5699-5708.	8.0	129
11	Advances and perspectives in carrier-free nanodrugs for cancer chemo-monotherapy and combination therapy. <i>Biomaterials</i> , 2021, 268, 120557.	11.4	127
12	Highly Stable Near-Infrared Fluorescent Organic Nanoparticles with a Large Stokes Shift for Noninvasive Long-Term Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26266-26274.	8.0	122
13	Thermally Activated Delayed Fluorescence Material: An Emerging Class of Metal-Free Luminophores for Biomedical Applications. <i>Advanced Science</i> , 2021, 8, e2102970.	11.2	104
14	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.	14.6	101
15	Highly Efficient Deep-Blue Electroluminescence from a Charge-Transfer Emitter with Stable Donor Skeleton. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7331-7338.	8.0	91
16	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.	14.9	83
17	Preparation and Size Control of Sub-100 nm Pure Nanodrugs. <i>Nano Letters</i> , 2015, 15, 313-318.	9.1	82
18	A recyclable carbon nanoparticle-based fluorescent probe for highly selective and sensitive detection of mercapto biomolecules. <i>Journal of Materials Chemistry B</i> , 2015, 3, 127-134.	5.8	79

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19	Degradable Hollow Mesoporous Silicon/Carbon Nanoparticles for Photoacoustic Imaging-Guided Highly Effective Chemo-Thermal Tumor Therapy <i>in Vitro</i> and <i>in Vivo</i> . <i>Theranostics</i> , 2017, 7, 3007-3020.	10.0	78
20	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. <i>ACS Nano</i> , 2019, 13, 839-846.	14.6	77
21	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.	8.0	73
22	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.	11.4	71
23	A Self-Assembled β -Synuclein Nanoscavenger for Parkinson's Disease. <i>ACS Nano</i> , 2020, 14, 1533-1549.	14.6	71
24	Near-infrared small molecule coupled with rigidity and flexibility for high-performance multimodal imaging-guided photodynamic and photothermal synergistic therapy. <i>Nanoscale Horizons</i> , 2021, 6, 177-185.	8.0	71
25	Micro- and Nanotechnologies for Intracellular Delivery. <i>Small</i> , 2014, 10, 4487-4504.	10.0	70
26	Organic nanostructures of thermally activated delayed fluorescent emitters with enhanced intersystem crossing as novel metal-free photosensitizers. <i>Chemical Communications</i> , 2016, 52, 11744-11747.	4.1	68
27	Self-Assembled Organic Nanomaterials for Drug Delivery, Bioimaging, and Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4816-4833.	5.2	66
28	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels. <i>Small</i> , 2022, 18, e2106215.	10.0	61
29	Different Strategies for Organic Nanoparticle Preparation in Biomedicine. , 2020, 2, 531-549.		60
30	Cell-Membrane-Based Biomimetic Systems with Bioorthogonal Functionalities. <i>Accounts of Chemical Research</i> , 2020, 53, 276-287.	15.6	59
31	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11355-11365.	8.0	56
32	Spectroscopic study on the impact of methylammonium iodide loading time on the electronic properties in perovskite thin films. <i>Journal of Materials Chemistry A</i> , 2016, 4, 561-567.	10.3	50
33	Highly stable organic fluorescent nanorods for living-cell imaging. <i>Nano Research</i> , 2015, 8, 2380-2389.	10.4	49
34	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie</i> , 2018, 130, 12653-12657.	2.0	49
35	Stable β -radical nanoparticles as versatile photosensitizers for effective hypoxia-overcoming photodynamic therapy. <i>Materials Horizons</i> , 2021, 8, 571-576.	12.2	48
36	Aggregation-Induced Near-Infrared Absorption of Squaraine Dye in an Albumin Nanocomplex for Photoacoustic Tomography <i>in Vivo</i> . <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17985-17992.	8.0	47

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37	Biomimetic Microfluidic System for Fast and Specific Detection of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2019, 91, 15726-15731.	6.5	46
38	MnCaCs-Biomaterialized Oncolytic Virus for Bimodal Imaging-Guided and Synergistically Enhanced Anticancer Therapy. <i>Nano Letters</i> , 2019, 19, 8002-8009.	9.1	41
39	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.	4.6	38
40	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019, 19, 658-665.	9.1	37
41	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30274-30283.	8.0	35
42	Curcumin in antidepressant treatments: An overview of potential mechanisms, pre-clinical/clinical trials and ongoing challenges. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 243-253.	2.5	34
43	Simultaneous enhanced diagnosis and photodynamic therapy of photosensitizer-doped perylene nanoparticles via doping, fluorescence resonance energy transfer, and antenna effect. <i>Chemical Communications</i> , 2013, 49, 8072.	4.1	30
44	Non-blinking, highly luminescent, pH- and heavy-metal-ion-stable organic nanodots for bio-imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3144.	5.8	26
45	Coordinating bioorthogonal reactions with two tumor-microenvironment-responsive nanovehicles for spatiotemporally controlled prodrug activation. <i>Chemical Science</i> , 2020, 11, 2155-2160.	7.4	22
46	A reticuloendothelial system-stealthy dye-albumin nanocomplex as a highly biocompatible and highly luminescent nanoprobe for targeted in vivo tumor imaging. <i>RSC Advances</i> , 2014, 4, 6120.	3.6	15
47	Carrier-free photosensitizer nanocrystal for photodynamic therapy. <i>Materials Letters</i> , 2014, 122, 323-326.	2.6	12
48	Europium-Doped Nanoparticles for Cellular Luminescence Lifetime Imaging via Multiple Manipulations of Aggregation State. <i>ACS Applied Bio Materials</i> , 2020, 3, 5103-5110.	4.6	12
49	Evidence of Delocalization in Charge-Transfer State Manifold for Donor:Acceptor Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21798-21805.	8.0	11
50	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.	4.6	9
51	Highly stable red-emitting polymer dots for cellular imaging. <i>Nanotechnology</i> , 2017, 28, 285102.	2.6	8
52	Hollow mesoporous polyaniline nanoparticles with high drug payload and robust photothermal capability for cancer combination therapy. <i>Chinese Journal of Chemical Engineering</i> , 2021, 38, 221-228.	3.5	6
53	A Fluorescent Turn-On Clutch Probe for Plasma Cell-Free DNA Identification from Lung Cancer Patients. <i>Nanomaterials</i> , 2022, 12, 1262.	4.1	4
54	Polymeric nanomaterials for targeting the cellular suborganelles. , 2021, , 267-290.		2

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55	Construction of Structurally Rigid Azulene-6-ones via Migratory Rearrangement of Spirocycles and Their Photophysical Studies. <i>Organic Letters</i> , 2021, 23, 8662-8667.	4.6	0
56	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels (<i>Small</i> 6/2022). <i>Small</i> , 2022, 18, .	10.0	0