

Duo Mao

List of Publications by Year in descending order

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56
papers

4,075
citations

126708

33
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155451

55
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57
all docs

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docs citations

57
times ranked

4884
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology-Oriented Design Strategies of AIE Theranostic Probes. <i>Matter</i> , 2021, 4, 350-376.	5.0	40
2	A Polarity-Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. <i>Angewandte Chemie</i> , 2021, 133, 15222-15227.	1.6	11
3	A Polarity-Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15095-15100.	7.2	182
4	Visualization and In Situ Ablation of Intracellular Bacterial Pathogens through Metabolic Labeling. <i>Angewandte Chemie</i> , 2020, 132, 9374-9378.	1.6	8
5	Visualization and In Situ Ablation of Intracellular Bacterial Pathogens through Metabolic Labeling. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9288-9292.	7.2	104
6	One-step <i>in vivo</i> metabolic labeling as a theranostic approach for overcoming drug-resistant bacterial infections. <i>Materials Horizons</i> , 2020, 7, 1138-1143.	6.4	49
7	Bio-orthogonal click reaction-enabled highly specific <i>in situ</i> cellularization of tissue engineering scaffolds. <i>Biomaterials</i> , 2020, 230, 119615.	5.7	21
8	AIEgen-coupled upconversion nanoparticles eradicate solid tumors through dual-mode ROS activation. <i>Science Advances</i> , 2020, 6, eabb2712.	4.7	100
9	Mesoporous Rod-Like Metal-Organic Framework with Optimal Tumor Targeting Properties for Enhanced Activatable Photodynamic Therapy. <i>Advanced Therapeutics</i> , 2020, 3, 2000011.	1.6	6
10	Metal-Organic Framework Assisted and Tumor Microenvironment Modulated Synergistic Image-Guided Photo-Chemo Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 2002431.	7.8	67
11	Precise Molecular Engineering of Photosensitizers with Aggregation-Induced Emission over 800 nm for Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901791.	7.8	100
12	Specific Targeting, Imaging, and Ablation of Tumor-Associated Macrophages by Theranostic Mannose-AIEgen Conjugates. <i>Analytical Chemistry</i> , 2019, 91, 6836-6843.	3.2	35
13	Supramolecular Nanofibers with Superior Bioactivity to Insulin-Like Growth Factor-I. <i>Nano Letters</i> , 2019, 19, 1560-1569.	4.5	71
14	Seeing the fate and mechanism of stem cells in treatment of ionizing radiation-induced injury using highly near-infrared emissive AIE dots. <i>Biomaterials</i> , 2019, 188, 107-117.	5.7	22
15	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. <i>Nanoscale</i> , 2018, 10, 5869-5874.	2.8	32
16	Metal-Organic Framework-Assisted <i>In Vivo</i> Bacterial Metabolic Labeling and Precise Antibacterial Therapy. <i>Advanced Materials</i> , 2018, 30, e1706831.	11.1	242
17	Composite Hydrogel Modified by IGF-1C Domain Improves Stem Cell Therapy for Limb Ischemia. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4481-4493.	4.0	36
18	Antibacterial Therapy: Metal-Organic Framework-Assisted <i>In Vivo</i> Bacterial Metabolic Labeling and Precise Antibacterial Therapy (Adv. Mater. 18/2018). <i>Advanced Materials</i> , 2018, 30, 1870124.	11.1	5

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19	Dual-Responsive Metabolic Precursor and Light-Up AIEgen for Cancer Cell Bio-orthogonal Labeling and Precise Ablation. <i>Analytical Chemistry</i> , 2018, 90, 6718-6724.	3.2	39
20	Metal-Organic Framework as a Simple and General Inert Nanocarrier for Photosensitizers to Implement Activatable Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1707519.	7.8	115
21	Photoacoustic and Magnetic Resonance Imaging Bimodal Contrast Agent Displaying Amplified Photoacoustic Signal. <i>Small</i> , 2018, 14, e1800652.	5.2	27
22	Multifunctional Liposome: A Bright AIEgen-Lipid Conjugate with Strong Photosensitization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16396-16400.	7.2	105
23	Multifunctional Liposome: A Bright AIEgen-Lipid Conjugate with Strong Photosensitization. <i>Angewandte Chemie</i> , 2018, 130, 16634-16638.	1.6	28
24	ONOO ⁻ and ClO ⁻ Responsive Organic Nanoparticles for Specific in Vivo Image-Guided Photodynamic Bacterial Ablation. <i>Chemistry of Materials</i> , 2018, 30, 3867-3873.	3.2	64
25	Polymerization-Enhanced Photosensitization. <i>CheM</i> , 2018, 4, 1937-1951.	5.8	227
26	A Light-Up Probe with Aggregation-Induced Emission for Real-Time Bio-Orthogonal Tumor Labeling and Image-Guided Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 10339-10343.	1.6	52
27	A Light-Up Probe with Aggregation-Induced Emission for Real-Time Bio-Orthogonal Tumor Labeling and Image-Guided Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10182-10186.	7.2	160
28	Light-up probe based on AIEgens: dual signal turn-on for caspase cascade activation monitoring. <i>Chemical Science</i> , 2017, 8, 2723-2728.	3.7	89
29	Ultrasmall Conjugated Polymer Nanoparticles with High Specificity for Targeted Cancer Cell Imaging. <i>Advanced Science</i> , 2017, 4, 1600407.	5.6	40
30	Chemiluminescence-Guided Cancer Therapy Using a Chemiexcited Photosensitizer. <i>CheM</i> , 2017, 3, 991-1007.	5.8	232
31	High performance photosensitizers with aggregation-induced emission for image-guided photodynamic anticancer therapy. <i>Materials Horizons</i> , 2017, 4, 1110-1114.	6.4	122
32	Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. <i>Advanced Functional Materials</i> , 2017, 27, 1701418.	7.8	56
33	A Highly Efficient and Photostable Photosensitizer with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Anticancer Therapy. <i>Advanced Materials</i> , 2017, 29, 1700548.	11.1	373
34	Smart activatable and traceable dual-prodrug for image-guided combination photodynamic and chemo-therapy. <i>Biomaterials</i> , 2017, 144, 53-59.	5.7	73
35	Amplification of near-infrared fluorescence in semiconducting polymer nanoprobe for grasping the behaviors of systemically administered endothelial cells in ischemia treatment. <i>Biomaterials</i> , 2017, 143, 109-119.	5.7	16
36	A macroporous heparin-releasing silk fibroin scaffold improves islet transplantation outcome by promoting islet revascularisation and survival. <i>Acta Biomaterialia</i> , 2017, 59, 210-220.	4.1	63

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37	Nanocrystallization: A Unique Approach to Yield Bright Organic Nanocrystals for Biological Applications. <i>Advanced Materials</i> , 2017, 29, 1604100.	11.1	126
38	Activatable Fluorescent Nanoprobe with Aggregation-Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. <i>Advanced Materials</i> , 2016, 28, 7249-7256.	11.1	177
39	AIE Nanoparticles for in Vitro and in Vivo Imaging. <i>ACS Symposium Series</i> , 2016, , 217-243.	0.5	5
40	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregation-Induced Emission for Evaluation of Blood-Brain Barrier Damage. <i>Advanced Materials</i> , 2016, 28, 8760-8765.	11.1	80
41	Precise diagnosis in different scenarios using photoacoustic and fluorescence imaging with dual-modality nanoparticles. <i>Nanoscale</i> , 2016, 8, 14480-14488.	2.8	36
42	Optimized Ratiometric Fluorescent Probes by Peptide Self-Assembly. <i>Analytical Chemistry</i> , 2016, 88, 740-745.	3.2	24
43	Regenerative Medicine: Conjugated Polymer Nanodots as Ultrastable Long-Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration (<i>Adv. Funct. Mater.</i> 27/2015). <i>Advanced Functional Materials</i> , 2015, 25, 4262-4262.	7.8	0
44	Biocompatible fluorescent supramolecular nanofibrous hydrogel for long-term cell tracking and tumor imaging applications. <i>Scientific Reports</i> , 2015, 5, 16680.	1.6	30
45	Conjugated Polymer Nanodots as Ultrastable Long-Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration. <i>Advanced Functional Materials</i> , 2015, 25, 4263-4273.	7.8	47
46	Skin-Derived Precursor Cells Promote Angiogenesis and Stimulate Proliferation of Endogenous Neural Stem Cells after Cerebral Infarction. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	14
47	Targeted <i>In Vivo</i> Imaging of Mouse Hindlimb Ischemia Using Fluorescent Gelatin Nanoparticles. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	1.5	2
48	Nanostructure formation-induced fluorescence turn-on for selectively detecting protein thiols in solutions, bacteria and live cells. <i>Chemical Communications</i> , 2015, 51, 10758-10761.	2.2	12
49	Co-Transplantation of Skin-Derived Precursors and Collagen Sponge Facilitates Diabetic Wound Healing by Promoting Local Vascular Regeneration. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1725-1737.	1.1	27
50	When Molecular Probes Meet Self-Assembly: An Enhanced Quenching Effect. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4823-4827.	7.2	112
51	Nitric oxide releasing hydrogel enhances the therapeutic efficacy of mesenchymal stem cells for myocardial infarction. <i>Biomaterials</i> , 2015, 60, 130-140.	5.7	132
52	Zoledronic acid prevents the tumor-promoting effects of mesenchymal stem cells via MCP-1 dependent recruitment of macrophages. <i>Oncotarget</i> , 2015, 6, 26018-26028.	0.8	30
53	Precise and Long-Term Tracking of Adipose-Derived Stem Cells and Their Regenerative Capacity <i>via</i> Superb Bright and Stable Organic Nanodots. <i>ACS Nano</i> , 2014, 8, 12620-12631.	7.3	141
54	Transplantation of parthenogenetic embryonic stem cells ameliorates cardiac dysfunction and remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2013, 97, 208-218.	1.8	33

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55	The Phenotypic Fate of Bone Marrow-Derived Stem Cells in Acute Kidney Injury. Cellular Physiology and Biochemistry, 2013, 32, 1517-1527.	1.1	11
56	From main-chain conjugated polymer photosensitizer to hyperbranched polymer photosensitizer: expansion of the polymerization-enhanced photosensitization effect for photodynamic therapy. Journal of Materials Chemistry B, 0, , .	2.9	13