Duo Mao

List of Publications by Year
in descending order

56	4,075	126708	155451
papers	citations	33 h-index	55 g-index

57	57	57	4884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Highly Efficient and Photostable Photosensitizer with Nearâ€Infrared Aggregationâ€Induced Emission for Imageâ€Guided Photodynamic Anticancer Therapy. Advanced Materials, 2017, 29, 1700548.	11.1	373
2	Metalâ€“Organicâ€Frameworkâ€Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy. Advanced Materials, 2018, 30, e1706831.	11.1	242
3	Chemiluminescence-Guided Cancer Therapy Using a Chemiexcited Photosensitizer. CheM, 2017, 3, 991-1007.	5.8	232
4	Polymerization-Enhanced Photosensitization. CheM, 2018, 4, 1937-1951.	5.8	227
5	A Polarityâ€Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. Angewandte Chemie - International Edition, 2021, 60, 15095-15100.	7.2	182
6	Activatable Fluorescent Nanoprobe with Aggregationâ€Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. Advanced Materials, 2016, 28, 7249-7256.	11.1	177
7	A Lightâ€Up Probe with Aggregationâ€Induced Emission for Realâ€Time Bioâ€orthogonal Tumor Labeling and Imageâ€Guided Photodynamic Therapy. Angewandte Chemie - International Edition, 2018, 57, 10182-10186.	7.2	160
8	Precise and Long-Term Tracking of Adipose-Derived Stem Cells and Their Regenerative Capacity via Superb Bright and Stable Organic Nanodots. ACS Nano, 2014, 8, 12620-12631.	7.3	141
9	Nitric oxide releasing hydrogel enhances the therapeutic efficacy of mesenchymal stem cells for myocardial infarction. Biomaterials, 2015, 60, 130-140.	5.7	132
10	Nanocrystallization: A Unique Approach to Yield Bright Organic Nanocrystals for Biological Applications. Advanced Materials, 2017, 29, 1604100.	11.1	126
11	High performance photosensitizers with aggregation-induced emission for image-guided photodynamic anticancer therapy. Materials Horizons, 2017, 4, 1110-1114.	6.4	122
12	Metalâ€“Organic Framework as a Simple and General Inert Nanocarrier for Photosensitizers to Implement Activatable Photodynamic Therapy. Advanced Functional Materials, 2018, 28, 1707519.	7.8	115
13	When Molecular Probes Meet Selfâ€Assembly: An Enhanced Quenching Effect. Angewandte Chemie - International Edition, 2015, 54, 4823-4827.	7.2	112
14	Multifunctional Liposome: A Bright AIEgenâ€“Lipid Conjugate with Strong Photosensitization. Angewandte Chemie - International Edition, 2018, 57, 16396-16400.	7.2	105
15	Visualization and Inâ€…Situ Ablation of Intracellular Bacterial Pathogens through Metabolic Labeling. Angewandte Chemie - International Edition, 2020, 59, 9288-9292.	7.2	104
16	Precise Molecular Engineering of Photosensitizers with Aggregationâ€Induced Emission over 800 nm for Photodynamic Therapy. Advanced Functional Materials, 2019, 29, 1901791.	7.8	100
17	AIEgen-coupled upconversion nanoparticles eradicate solid tumors through dual-mode ROS activation. Science Advances, 2020, 6, eabb2712.	4.7	100
18	Light-up probe based on AIEgens: dual signal turn-on for caspase cascade activation monitoring. Chemical Science, 2017, 8, 2723-2728.	3.7	89

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19	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregationâ€Induced Emission for Evaluation of Bloodâ€“Brain Barrier Damage. Advanced Materials, 2016, 28, 8760-8765.	11.1	80
20	Smart activatable and traceable dual-prodrug for image-guided combination photodynamic and chemo-therapy. Biomaterials, 2017, 144, 53-59.	5.7	73
21	Supramolecular Nanofibers with Superior Bioactivity to Insulin-Like Growth Factor-I. Nano Letters, 2019, 19, 1560-1569.	4.5	71
22	Metalâ€“Organic Framework Assisted and Tumor Microenvironment Modulated Synergistic Imageâ€Guided Photoâ€Chemo Therapy. Advanced Functional Materials, 2020, 30, 2002431.	7.8	67
23	ONOO^{â€“} and ClO^{â€“} Responsive Organic Nanoparticles for Specific in Vivo Image-Guided Photodynamic Bacterial Ablation. Chemistry of Materials, 2018, 30, 3867-3873.	3.2	64
24	A macroporous heparin-releasing silk fibroin scaffold improves islet transplantation outcome by promoting islet revascularisation and survival. Acta Biomaterialia, 2017, 59, 210-220.	4.1	63
25	Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. Advanced Functional Materials, 2017, 27, 1701418.	7.8	56
26	A Lightâ€Up Probe with Aggregationâ€Induced Emission for Realâ€Time Bioâ€orthogonal Tumor Labeling and Imageâ€Guided Photodynamic Therapy. Angewandte Chemie, 2018, 130, 10339-10343.	1.6	52
27	One-step in vivo metabolic labeling as a theranostic approach for overcoming drug-resistant bacterial infections. Materials Horizons, 2020, 7, 1138-1143.	6.4	49
28	Conjugated Polymer Nanodots as Ultrastable Longâ€Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration. Advanced Functional Materials, 2015, 25, 4263-4273.	7.8	47
29	Ultrasmall Conjugated Polymer Nanoparticles with High Specificity for Targeted Cancer Cell Imaging. Advanced Science, 2017, 4, 1600407.	5.6	40
30	Biology-Oriented Design Strategies of AIE Theranostic Probes. Matter, 2021, 4, 350-376.	5.0	40
31	Dual-Responsive Metabolic Precursor and Light-Up AIEgen for Cancer Cell Bio-orthogonal Labeling and Precise Ablation. Analytical Chemistry, 2018, 90, 6718-6724.	3.2	39
32	Precise diagnosis in different scenarios using photoacoustic and fluorescence imaging with dual-modality nanoparticles. Nanoscale, 2016, 8, 14480-14488.	2.8	36
33	Composite Hydrogel Modified by IGF-1C Domain Improves Stem Cell Therapy for Limb Ischemia. ACS Applied Materials & Interfaces, 2018, 10, 4481-4493.	4.0	36
34	Specific Targeting, Imaging, and Ablation of Tumor-Associated Macrophages by Theranostic Mannoseâ€“AIEgen Conjugates. Analytical Chemistry, 2019, 91, 6836-6843.	3.2	35
35	Transplantation of parthenogenetic embryonic stem cells ameliorates cardiac dysfunction and remodelling after myocardial infarction. Cardiovascular Research, 2013, 97, 208-218.	1.8	33
36	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. Nanoscale, 2018, 10, 5869-5874.	2.8	32

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37	Biocompatible fluorescent supramolecular nanofibrous hydrogel for long-term cell tracking and tumor imaging applications. Scientific Reports, 2015, 5, 16680.	1.6	30
38	Zoledronic acid prevents the tumor-promoting effects of mesenchymal stem cells via MCP-1 dependent recruitment of macrophages. Oncotarget, 2015, 6, 26018-26028.	0.8	30
39	Multifunctional Liposome: A Bright AIEgenâ€“Lipid Conjugate with Strong Photosensitization. Angewandte Chemie, 2018, 130, 16634-16638.	1.6	28
40	Co-Transplantation of Skin-Derived Precursors and Collagen Sponge Facilitates Diabetic Wound Healing by Promoting Local Vascular Regeneration. Cellular Physiology and Biochemistry, 2015, 37, 1725-1737.	1.1	27
41	Photoacoustic and Magnetic Resonance Imaging Bimodal Contrast Agent Displaying Amplified Photoacoustic Signal. Small, 2018, 14, e1800652.	5.2	27
42	Optimized Ratiometric Fluorescent Probes by Peptide Self-Assembly. Analytical Chemistry, 2016, 88, 740-745.	3.2	24
43	Seeing the fate and mechanism of stem cells in treatment of ionizing radiation-induced injury using highly near-infrared emissive AIE dots. Biomaterials, 2019, 188, 107-117.	5.7	22
44	Bio-orthogonal click reaction-enabled highly specific in situ cellularization of tissue engineering scaffolds. Biomaterials, 2020, 230, 119615.	5.7	21
45	Amplification of near-infrared fluorescence in semiconducting polymer nanoprobe for grasping the behaviors of systemically administered endothelial cells in ischemia treatment. Biomaterials, 2017, 143, 109-119.	5.7	16
46	Skin-Derived Precursor Cells Promote Angiogenesis and Stimulate Proliferation of Endogenous Neural Stem Cells after Cerebral Infarction. BioMed Research International, 2015, 2015, 1-10.	0.9	14
47	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
48	Nanostructure formation-induced fluorescence turn-on for selectively detecting protein thiols in solutions, bacteria and live cells. Chemical Communications, 2015, 51, 10758-10761.	2.2	12
49	The Phenotypic Fate of Bone Marrow-Derived Stem Cells in Acute Kidney Injury. Cellular Physiology and Biochemistry, 2013, 32, 1517-1527.	1.1	11
50	A Polarityâ€Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. Angewandte Chemie, 2021, 133, 15222-15227.	1.6	11
51	Visualization and Inâ€…Situ Ablation of Intracellular Bacterial Pathogens through Metabolic Labeling. Angewandte Chemie, 2020, 132, 9374-9378.	1.6	8
52	Mesoporous Rodâ€Like Metalâ€Organic Framework with Optimal Tumor Targeting Properties for Enhanced Activatable Photodynamic Therapy. Advanced Therapeutics, 2020, 3, 2000011.	1.6	6
53	AIE Nanoparticles for in Vitro and in Vivo Imaging. ACS Symposium Series, 2016, , 217-243.	0.5	5
54	Antibacterial Therapy: Metalâ€“Organicâ€Frameworkâ€Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy (Adv. Mater. 18/2018). Advanced Materials, 2018, 30, 1870124.	11.1	5

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55	TargetedIn VivoImaging of Mouse Hindlimb Ischemia Using Fluorescent Gelatin Nanoparticles. Journal of Nanomaterials, 2015, 2015, 1-7.	1.5	2
56	Regenerative Medicine: Conjugated Polymer Nanodots as Ultrastable Long-Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration (Adv. Funct. Mater. 27/2015). Advanced Functional Materials, 2015, 25, 4262-4262.	7.8	0