

Ming Wu

List of Publications by Year in descending order

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63
papers

2,818
citations

159525

30
h-index

175177

52
g-index

66
all docs

66
docs citations

66
times ranked

4128
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoplatform Self-Assembly from Small Molecules of Porphyrin Derivatives for NIR-II Fluorescence Imaging Guided Photothermal-Immunotherapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102526.	3.9	18
2	Red Blood Cell-Mimic Nanocatalyst Triggering Radical Storm to Augment Cancer Immunotherapy. <i>Nano-Micro Letters</i> , 2022, 14, 57.	14.4	24
3	Tumor Microenvironment-Responsive Yolk-Shell NaCl@Virus-Inspired Tetrasulfide-Organosilica for Ion-Interference Therapy via Osmolarity Surge and Oxidative Stress Amplification. <i>ACS Nano</i> , 2022, 16, 7380-7397.	7.3	25
4	Biosynthetic cell membrane vesicles to enhance TRAIL-mediated apoptosis driven by photo-triggered oxidative stress. <i>Biomaterials Science</i> , 2022, 10, 3547-3558.	2.6	3
5	Vehicle-Free Nanotheranostic Self-Assembled from Clinically Approved Dyes for Cancer Fluorescence Imaging and Photothermal/Photodynamic Combinational Therapy. <i>Pharmaceutics</i> , 2022, 14, 1074.	2.0	6
6	Doxifluridine-based pharmacosomes delivering miR-122 as tumor microenvironments-activated nanoplatfoms for synergistic treatment of hepatocellular carcinoma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111367.	2.5	8
7	A remotely controlled NIR-II photothermal-sensitive transgene system for hepatocellular carcinoma synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5083-5091.	2.9	13
8	Localized NIR-II photo-immunotherapy through the combination of photothermal ablation and <i>in situ</i> generated interleukin-12 cytokine for efficiently eliminating primary and abscopal tumors. <i>Nanoscale</i> , 2021, 13, 1745-1758.	2.8	32
9	Enhancing therapeutic effects and <i>in vivo</i> tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. <i>Nanoscale</i> , 2021, 13, 1813-1822.	2.8	13
10	A highly stable multifunctional aptamer for enhancing antitumor immunity against hepatocellular carcinoma by blocking dual immune checkpoints. <i>Biomaterials Science</i> , 2021, 9, 4159-4168.	2.6	18
11	Tumor Microenvironment Triggered Cascade Activation Nanoplatform for Synergistic and Precise Treatment of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002036.	3.9	14
12	Protocol to prepare functional cellular nanovesicles with PD1 and TRAIL to boost antitumor response. <i>STAR Protocols</i> , 2021, 2, 100324.	0.5	3
13	Hypoxia-responsive nanoreactors based on self-enhanced photodynamic sensitization and triggered ferroptosis for cancer synergistic therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 204.	4.2	36
14	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie</i> , 2021, 133, 21056-21064.	1.6	10
15	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20888-20896.	7.2	48
16	Engineered Red Blood Cell Biomimetic Nanovesicle with Oxygen Self-Supply for Near-Infrared-II Fluorescence-Guided Synergetic Chemo-Photodynamic Therapy against Hypoxic Tumors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52435-52449.	4.0	34
17	Multifunctional theranostic nanosystems enabling photothermal-chemo combination therapy of triple-stimuli-responsive drug release with magnetic resonance imaging. <i>Biomaterials Science</i> , 2020, 8, 1875-1884.	2.6	16
18	Donor-acceptor conjugated polymer-based nanoparticles for highly effective photoacoustic imaging and photothermal therapy in the NIR-II window. <i>Chemical Communications</i> , 2020, 56, 1093-1096.	2.2	63

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19	Facile phase transfer of hydrophobic Fe ₃ O ₄ @Cu ²⁺ xS nanoparticles by red blood cell membrane for MRI and phototherapy in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1202-1211.	2.9	29
20	Photodynamic Therapy Combined with Antihypoxic Signaling and CpG Adjuvant as an In Situ Tumor Vaccine Based on Metal-Organic Framework Nanoparticles to Boost Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2020, 9, e1900996.	3.9	117
21	Multifunctional theranostic agents based on prussian blue nanoparticles for tumor targeted and MRI-guided photodynamic/photothermal combined treatment. <i>Nanotechnology</i> , 2020, 31, 135101.	1.3	18
22	Self-assembly of methylene violet-conjugated perylene diimide with photodynamic/photothermal properties for DNA photocleavage and cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111351.	2.5	22
23	Cancer Cell-Targeted Photosensitizer and Therapeutic Protein Co-Delivery Nanoplatform Based on a Metal-Organic Framework for Enhanced Synergistic Photodynamic and Protein Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36906-36916.	4.0	58
24	X-ray-Induced Cherenkov Optical Triggering of Caged Doxorubicin Released to the Nucleus for Chemoradiation Activation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44383-44392.	4.0	10
25	A thieno-isoidigo derivative-based conjugated polymer nanoparticle for photothermal therapy in the NIR-II bio-window. <i>Nanoscale</i> , 2020, 12, 19665-19672.	2.8	34
26	Converting Immune Cold into Hot by Biosynthetic Functional Vesicles to Boost Systematic Antitumor Immunity. <i>IScience</i> , 2020, 23, 101341.	1.9	34
27	RBC Membrane Camouflaged Semiconducting Polymer Nanoparticles for Near-Infrared Photoacoustic Imaging and Photothermal Therapy. <i>Nano-Micro Letters</i> , 2020, 12, 94.	14.4	60
28	Water-soluble organic probe for pH sensing and imaging. <i>Talanta</i> , 2019, 205, 120095.	2.9	23
29	Vehicle-saving theranostic probes based on hydrophobic iron oxide nanoclusters using doxorubicin as a phase transfer agent for MRI and chemotherapy. <i>Chemical Communications</i> , 2019, 55, 9015-9018.	2.2	7
30	Folic acid-modified Prussian blue/polydopamine nanoparticles as an MRI agent for use in targeted chemo/photothermal therapy. <i>Biomaterials Science</i> , 2019, 7, 2996-3006.	2.6	59
31	Programmable Therapeutic Nanodevices with Circular Amplification of H ₂ O ₂ in the Tumor Microenvironment for Synergistic Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801627.	3.9	27
32	Self-Luminescing Theranostic Nanoreactors with Intraparticle Relayed Energy Transfer for Tumor Microenvironment Activated Imaging and Photodynamic Therapy. <i>Theranostics</i> , 2019, 9, 20-33.	4.6	53
33	Gadolinium-doped hollow CeO ₂ -ZrO ₂ nanoplatform as multifunctional MRI/CT dual-modal imaging agent and drug delivery vehicle. <i>Drug Delivery</i> , 2018, 25, 353-363.	2.5	14
34	Chemotherapeutic Drug Based Metal-Organic Particles for Microvesicle-Mediated Deep Penetration and Programmable pH/NIR/Hypoxia Activated Cancer Photochemotherapy. <i>Advanced Science</i> , 2018, 5, 1700648.	5.6	60
35	Reduction/photo dual-responsive polymeric prodrug nanoparticles for programmed siRNA and doxorubicin delivery. <i>Biomaterials Science</i> , 2018, 6, 1457-1468.	2.6	51
36	Semiconducting polymer-based nanoparticles for photothermal therapy at the second near-infrared window. <i>Chemical Communications</i> , 2018, 54, 13599-13602.	2.2	47

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37	Facile preparation of biocompatible Ti ₂ O ₃ nanoparticles for second near-infrared window photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7889-7897.	2.9	25
38	Photoresponsive Nanovehicle for Two Independent Wavelength Light-Triggered Sequential Release of P-gp shRNA and Doxorubicin To Optimize and Enhance Synergistic Therapy of Multidrug-Resistant Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19416-19427.	4.0	67
39	Photo-responsive hollow silica nanoparticles for light-triggered genetic and photodynamic synergistic therapy. <i>Acta Biomaterialia</i> , 2018, 76, 178-192.	4.1	30
40	pH/hypoxia programmable triggered cancer photo-chemotherapy based on a semiconducting polymer dot hybridized mesoporous silica framework. <i>Chemical Science</i> , 2018, 9, 7390-7399.	3.7	59
41	Self-Quenched Metal-Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25203-25212.	4.0	63
42	Cancer cell membrane-coated magnetic nanoparticles for MR/NIR fluorescence dual-modal imaging and photodynamic therapy. <i>Biomaterials Science</i> , 2018, 6, 1834-1845.	2.6	88
43	Cationic nanomicelles derived from Pluronic F127 as delivery vehicles of Chinese herbal medicine active components of ursolic acid for colorectal cancer treatment. <i>RSC Advances</i> , 2018, 8, 15906-15914.	1.7	12
44	Light-Enhanced Hypoxia-Response of Conjugated Polymer Nanocarrier for Successive Synergistic Photodynamic and Chemo-Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21909-21919.	4.0	73
45	Tumor Microenvironment Activable Self-Assembled DNA Hybrids for pH and Redox Dual-Responsive Chemotherapy/PDT Treatment of Hepatocellular Carcinoma. <i>Advanced Science</i> , 2017, 4, 1600460.	5.6	56
46	Photoresponsive lipid-polymer hybrid nanoparticles for controlled doxorubicin release. <i>Nanotechnology</i> , 2017, 28, 255101.	1.3	27
47	Magnetite nanocluster and paclitaxel-loaded charge-switchable nanohybrids for MR imaging and chemotherapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 849-857.	2.9	18
48	Glutathione responsive micelles incorporated with semiconducting polymer dots and doxorubicin for cancer photothermal-chemotherapy. <i>Nanotechnology</i> , 2017, 28, 425102.	1.3	12
49	Smart Cu(II)-aptamer complexes based gold nanoplatfrom for tumor micro-environment triggered programmable intracellular prodrug release, photodynamic treatment and aggregation induced photothermal therapy of hepatocellular carcinoma. <i>Theranostics</i> , 2017, 7, 164-179.	4.6	69
50	A highly stable and biocompatible optical bioimaging nanoprobe based on carbon nanospheres. <i>RSC Advances</i> , 2016, 6, 37472-37477.	1.7	3
51	SPION@Cu ₂ S nanoclusters for highly sensitive MRI and targeted photothermal therapy of hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4119-4129.	2.9	18
52	Poly (dopamine) coated superparamagnetic iron oxide nanocluster for noninvasive labeling, tracking and targeted delivery of adipose tissue-derived stem cells. <i>Scientific Reports</i> , 2016, 6, 18746.	1.6	39
53	Lipid micelles packaged with semiconducting polymer dots as simultaneous MRI/photoacoustic imaging and photodynamic/photothermal dual-modal therapeutic agents for liver cancer. <i>Journal of Materials Chemistry B</i> , 2016, 4, 589-599.	2.9	75
54	Magnetite nanocluster@poly(dopamine)-PEG@ indocyanine green nanobead with magnetic field-targeting enhanced MR imaging and photothermal therapy in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 467-475.	2.5	52

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55	Nanoclusters of superparamagnetic iron oxide nanoparticles coated with poly(dopamine) for magnetic field-directed, ultrasensitive MRI-guided photothermal cancer therapy. <i>Journal of Controlled Release</i> , 2015, 213, e78.	4.8	6
56	Highly efficient loading of doxorubicin in Prussian Blue nanocages for combined photothermal/chemotherapy against hepatocellular carcinoma. <i>RSC Advances</i> , 2015, 5, 30970-30980.	1.7	41
57	Nanocluster of superparamagnetic iron oxide nanoparticles coated with poly (dopamine) for magnetic field-targeting, highly sensitive MRI and photothermal cancer therapy. <i>Nanotechnology</i> , 2015, 26, 115102.	1.3	136
58	Chlorin e6 Conjugated Poly(dopamine) Nanospheres as PDT/PTT Dual-Modal Therapeutic Agents for Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8176-8187.	4.0	311
59	Multifunctional PEG modified DOX loaded mesoporous silica nanoparticle@CuS nanohybrids as photo-thermal agent and thermal-triggered drug release vehicle for hepatocellular carcinoma treatment. <i>Nanotechnology</i> , 2015, 26, 025102.	1.3	54
60	Glypican-3 antibody functionalized Prussian blue nanoparticles for targeted MR imaging and photothermal therapy of hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3686-3696.	2.9	67
61	Lipid-AuNPs@PDA Nanohybrid for MRI/CT Imaging and Photothermal Therapy of Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14266-14277.	4.0	151
62	Cellular uptake, intracellular trafficking, and antitumor efficacy of doxorubicin-loaded reduction-sensitive micelles. <i>Biomaterials</i> , 2013, 34, 3858-3869.	5.7	158
63	Biomimetic Nanocatalysts Enhance Oxidative Damage against Cancer Cells. <i>Materials Science Forum</i> , 0, 1058, 15-19.	0.3	0