Ming Wu

List of Publications by Year
in descending order

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	Chlorin e6 Conjugated Poly(dopamine) Nanospheres as PDT/PTT Dual-Modal Therapeutic Agents for Enhanced Cancer Therapy. ACS Applied Materials & Interfaces, 2015, 7, 8176-8187.	4.0	311
2	Cellular uptake, intracellular trafficking, and antitumor efficacy of doxorubicin-loaded reduction-sensitive micelles. Biomaterials, 2013, 34, 3858-3869.	5.7	158
3	Lipid-AuNPs@PDA Nanohybrid for MRI/CT Imaging and Photothermal Therapy of Hepatocellular Carcinoma. ACS Applied Materials & Interfaces, 2014, 6, 14266-14277.	4.0	151
4	Nanocluster of superparamagnetic iron oxide nanoparticles coated with poly (dopamine) for magnetic field-targeting, highly sensitive MRI and photothermal cancer therapy. Nanotechnology, 2015, 26, 115102.	1.3	136
5	Photodynamic Therapy Combined with Antihypoxic Signaling and CpG Adjuvant as an In Situ Tumor Vaccine Based on Metalâ€“Organic Framework Nanoparticles to Boost Cancer Immunotherapy. Advanced Healthcare Materials, 2020, 9, e1900996.	3.9	117
6	Cancer cell membrane-coated magnetic nanoparticles for MR/NIR fluorescence dual-modal imaging and photodynamic therapy. Biomaterials Science, 2018, 6, 1834-1845.	2.6	88
7	Lipid micelles packaged with semiconducting polymer dots as simultaneous MRI/photoacoustic imaging and photodynamic/photothermal dual-modal therapeutic agents for liver cancer. Journal of Materials Chemistry B, 2016, 4, 589-599.	2.9	75
8	Light-Enhanced Hypoxia-Response of Conjugated Polymer Nanocarrier for Successive Synergistic Photodynamic and Chemo-Therapy. ACS Applied Materials & Interfaces, 2018, 10, 21909-21919.	4.0	73
9	Smart Cu(II)-aptamer complexes based gold nanoplatform for tumor micro-environment triggered programmable intracellular prodrug release, photodynamic treatment and aggregation induced photothermal therapy of hepatocellular carcinoma. Theranostics, 2017, 7, 164-179.	4.6	69
10	Glypican-3 antibody functionalized Prussian blue nanoparticles for targeted MR imaging and photothermal therapy of hepatocellular carcinoma. Journal of Materials Chemistry B, 2014, 2, 3686-3696.	2.9	67
11	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. ACS Applied Materials & Interfaces, 2018, 10, 19416-19427.	4.0	67
12	Self-Quenched Metalâ€“Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. ACS Applied Materials & Interfaces, 2018, 10, 25203-25212.	4.0	63
13	Donorâ€“acceptor conjugated polymer-based nanoparticles for highly effective photoacoustic imaging and photothermal therapy in the NIR-II window. Chemical Communications, 2020, 56, 1093-1096.	2.2	63
14	Chemotherapeutic Drug Based Metalâ€“Organic Particles for Microvesicleâ€Mediated Deep Penetration and Programmable pH/NIR/Hypoxia Activated Cancer Photochemotherapy. Advanced Science, 2018, 5, 1700648.	5.6	60
15	RBC Membrane Camouflaged Semiconducting Polymer Nanoparticles for Near-Infrared Photoacoustic Imaging and Photothermal Therapy. Nano-Micro Letters, 2020, 12, 94.	14.4	60
16	pH/hypoxia programmable triggered cancer photo-chemotherapy based on a semiconducting polymer dot hybridized mesoporous silica framework. Chemical Science, 2018, 9, 7390-7399.	3.7	59
17	Folic acid-modified Prussian blue/polydopamine nanoparticles as an MRI agent for use in targeted chemo/photothermal therapy. Biomaterials Science, 2019, 7, 2996-3006.	2.6	59
18	Cancer Cell-Targeted Photosensitizer and Therapeutic Protein Co-Delivery Nanoplatform Based on a Metalâ€“Organic Framework for Enhanced Synergistic Photodynamic and Protein Therapy. ACS Applied Materials & Interfaces, 2020, 12, 36906-36916.	4.0	58

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19	Tumor Microenvironment Activable Selfâ€Assembled DNA Hybrids for pH and Redox Dualâ€Responsive Chemotherapy/PDT Treatment of Hepatocellular Carcinoma. Advanced Science, 2017, 4, 1600460.	5.6	56
20	Multifunctional PEG modified DOX loaded mesoporous silica nanoparticle@CuS nanohybrids as photo-thermal agent and thermal-triggered drug release vehicle for hepatocellular carcinoma treatment. Nanotechnology, 2015, 26, 025102.	1.3	54
21	Self-Luminescing Theranostic Nanoreactors with Intraparticle Relayed Energy Transfer for Tumor Microenvironment Activated Imaging and Photodynamic Therapy. Theranostics, 2019, 9, 20-33.	4.6	53
22	Magnetite nanocluster@poly(dopamine)-PEG@ indocyanine green nanobead with magnetic field-targeting enhanced MR imaging and photothermal therapy in vivo. Colloids and Surfaces B: Biointerfaces, 2016, 141, 467-475.	2.5	52
23	Reduction/photo dual-responsive polymeric prodrug nanoparticles for programmed siRNA and doxorubicin delivery. Biomaterials Science, 2018, 6, 1457-1468.	2.6	51
24	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cellâ€Based Immunotherapy by Ratiometric NIRâ€II Fluorescence Imaging. Angewandte Chemie - International Edition, 2021, 60, 20888-20896.	7.2	48
25	Semiconducting polymer-based nanoparticles for photothermal therapy at the second near-infrared window. Chemical Communications, 2018, 54, 13599-13602.	2.2	47
26	Highly efficient loading of doxorubicin in Prussian Blue nanocages for combined photothermal/chemotherapy against hepatocellular carcinoma. RSC Advances, 2015, 5, 30970-30980.	1.7	41
27	Poly (dopamine) coated superparamagnetic iron oxide nanocluster for noninvasive labeling, tracking and targeted delivery of adipose tissue-derived stem cells. Scientific Reports, 2016, 6, 18746.	1.6	39
28	Hypoxia-responsive nanoreactors based on self-enhanced photodynamic sensitization and triggered ferroptosis for cancer synergistic therapy. Journal of Nanobiotechnology, 2021, 19, 204.	4.2	36
29	A thieno-isoindigo derivative-based conjugated polymer nanoparticle for photothermal therapy in the NIR-II bio-window. Nanoscale, 2020, 12, 19665-19672.	2.8	34
30	Converting Immune Cold into Hot by Biosynthetic Functional Vesicles to Boost Systematic Antitumor Immunity. IScience, 2020, 23, 101341.	1.9	34
31	Engineered Red Blood Cell Biomimetic Nanovesicle with Oxygen Self-Supply for Near-Infrared-II Fluorescence-Guided Synergetic Chemo-Photodynamic Therapy against Hypoxic Tumors. ACS Applied Materials & Interfaces, 2021, 13, 52435-52449.	4.0	34
32	Localized NIR-II photo-immunotherapy through the combination of photothermal ablation and in situ generated interleukin-12 cytokine for efficiently eliminating primary and abscopal tumors. Nanoscale, 2021, 13, 1745-1758.	2.8	32
33	Photo-responsive hollow silica nanoparticles for light-triggered genetic and photodynamic synergistic therapy. Acta Biomaterialia, 2018, 76, 178-192.	4.1	30
34	Facile phase transfer of hydrophobic Fe₃O₄@Cu_{2âˆ’x}S nanoparticles by red blood cell membrane for MRI and phototherapy in the second near-infrared window. Journal of Materials Chemistry B, 2020, 8, 1202-1211.	2.9	29
35	Photoresponsive lipid-polymer hybrid nanoparticles for controlled doxorubicin release. Nanotechnology, 2017, 28, 255101.	1.3	27
36	Programmable Therapeutic Nanodevices with Circular Amplification of H₂O₂ in the Tumor Microenvironment for Synergistic Cancer Therapy. Advanced Healthcare Materials, 2019, 8, e1801627.	3.9	27

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37	Facile preparation of biocompatible Ti₂O₃ nanoparticles for second near-infrared window photothermal therapy. Journal of Materials Chemistry B, 2018, 6, 7889-7897.	2.9	25
38	Tumor Microenvironment-Responsive Yolkâ€“Shell NaCl@Virus-Inspired Tetrasulfide-Organosilica for Ion-Interference Therapy via Osmolarity Surge and Oxidative Stress Amplification. ACS Nano, 2022, 16, 7380-7397.	7.3	25
39	Red Blood Cell-Mimic Nanocatalyst Triggering Radical Storm to Augment Cancer Immunotherapy. Nano-Micro Letters, 2022, 14, 57.	14.4	24
40	Water-soluble organic probe for pH sensing and imaging. Talanta, 2019, 205, 120095.	2.9	23
41	Self-assembly of methylene violet-conjugated perylene diimide with photodynamic/photothermal properties for DNA photocleavage and cancer treatment. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111351.	2.5	22
42	SPION@Cu_{2â^'x}S nanoclusters for highly sensitive MRI and targeted photothermal therapy of hepatocellular carcinoma. Journal of Materials Chemistry B, 2016, 4, 4119-4129.	2.9	18
43	Magnetite nanocluster and paclitaxel-loaded charge-switchable nanohybrids for MR imaging and chemotherapy. Journal of Materials Chemistry B, 2017, 5, 849-857.	2.9	18
44	Multifunctional theranostic agents based on prussian blue nanoparticles for tumor targeted and MRIâ€”guided photodynamic/photothermal combined treatment. Nanotechnology, 2020, 31, 135101.	1.3	18
45	A highly stable multifunctional aptamer for enhancing antitumor immunity against hepatocellular carcinoma by blocking dual immune checkpoints. Biomaterials Science, 2021, 9, 4159-4168.	2.6	18
46	Nanoplatform Selfâ€Assembly from Small Molecules of Porphyrin Derivatives for NIRâ€II Fluorescence Imaging Guided Photothermalâ€Immunotherapy. Advanced Healthcare Materials, 2022, 11, e2102526.	3.9	18
47	Multifunctional theranostic nanosystems enabling photothermal-chemo combination therapy of triple-stimuli-responsive drug release with magnetic resonance imaging. Biomaterials Science, 2020, 8, 1875-1884.	2.6	16
48	Gadolinium-doped hollow CeO₂-ZrO₂ nanoplatform as multifunctional MRI/CT dual-modal imaging agent and drug delivery vehicle. Drug Delivery, 2018, 25, 353-363.	2.5	14
49	Tumor Microenvironment Triggered Cascadeâ€Activation Nanoplatform for Synergistic and Precise Treatment of Hepatocellular Carcinoma. Advanced Healthcare Materials, 2021, 10, e2002036.	3.9	14
50	A remotely controlled NIR-II photothermal-sensitive transgene system for hepatocellular carcinoma synergistic therapy. Journal of Materials Chemistry B, 2021, 9, 5083-5091.	2.9	13
51	Enhancing therapeutic effects and in vivo tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. Nanoscale, 2021, 13, 1813-1822.	2.8	13
52	Glutathione responsive micelles incorporated with semiconducting polymer dots and doxorubicin for cancer photothermal-chemotherapy. Nanotechnology, 2017, 28, 425102.	1.3	12
53	Cationic nanomicelles derived from Pluronic F127 as delivery vehicles of Chinese herbal medicine active components of ursolic acid for colorectal cancer treatment. RSC Advances, 2018, 8, 15906-15914.	1.7	12
54	X-ray-Induced Cherenkov Optical Triggering of Caged Doxorubicin Released to the Nucleus for Chemoradiation Activation. ACS Applied Materials & Interfaces, 2020, 12, 44383-44392.	4.0	10

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55	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cellâ€Based Immunotherapy by Ratiometric NIRâ€Ⅱ Fluorescence Imaging. Angewandte Chemie, 2021, 133, 21056-21064.	1.6	10
56	Doxifluridine-based pharmacosomes delivering miR-122 as tumor microenvironments-activated nanoplatforms for synergistic treatment of hepatocellular carcinoma. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111367.	2.5	8
57	Vehicle-saving theranostic probes based on hydrophobic iron oxide nanoclusters using doxorubicin as a phase transfer agent for MRI and chemotherapy. Chemical Communications, 2019, 55, 9015-9018.	2.2	7
58	Nanoclusters of superparamagnetic iron oxide nanoparticles coated with poly(dopamine) for magnetic field-directed, ultrasensitive MRI-guided photothermal cancer therapy. Journal of Controlled Release, 2015, 213, e78.	4.8	6
59	Vehicle-Free Nanotheranostic Self-Assembled from Clinically Approved Dyes for Cancer Fluorescence Imaging and Photothermal/Photodynamic Combinational Therapy. Pharmaceutics, 2022, 14, 1074.	2.0	6
60	A highly stable and biocompatible optical bioimaging nanoprobe based on carbon nanospheres. RSC Advances, 2016, 6, 37472-37477.	1.7	3
61	Protocol to prepare functional cellular nanovesicles with PD1 and TRAIL to boost antitumor response. STAR Protocols, 2021, 2, 100324.	0.5	3
62	Biosynthetic cell membrane vesicles to enhance TRAIL-mediated apoptosis driven by photo-triggered oxidative stress. Biomaterials Science, 2022, 10, 3547-3558.	2.6	3
63	Biomimetic Nanocatalysts Enhance Oxidative Damage against Cancer Cells. Materials Science Forum, 0, 1058, 15-19.	0.3	0