

Yang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,606
citations

279798

23
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

2292
citing authors

#	ARTICLE	IF	CITATIONS
1	A super-stable homogeneous Lipiodol-hydrophilic chemodrug formulation for treatment of hepatocellular carcinoma. <i>Theranostics</i> , 2022, 12, 1769-1782.	10.0	33
2	Unimolecule-based size-charge switchable nanomedicine for deep cancer sono-immunotherapy. <i>Nano Today</i> , 2022, 43, 101417.	11.9	8
3	Nanotransferrin-Based Programmable Catalysis Mediates Three-Pronged Induction of Oxidative Stress to Enhance Cancer Immunotherapy. <i>ACS Nano</i> , 2022, 16, 997-1012.	14.6	58
4	A pure nanoICG-based homogeneous lipiodol formulation: toward precise surgical navigation of primary liver cancer after long-term transcatheter arterial embolization. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2605-2617.	6.4	27
5	Biosynthetic magnetic nanocages: towards effective and safe magneto-catalytic cancer therapy. <i>Science Bulletin</i> , 2021, 66, 640-642.	9.0	0
6	Gain an advantage from both sides: Smart size-shrinkable drug delivery nanosystems for high accumulation and deep penetration. <i>Nano Today</i> , 2021, 36, 101038.	11.9	54
7	Multi-Responsive Bottlebrush-Like Unimolecules Self-Assembled Nano-Riceball for Synergistic Sono-Chemotherapy. <i>Small Methods</i> , 2021, 5, e2000416.	8.6	47
8	Cancer Cytomembrane-Cloaked Prussian Blue Nanoparticles Enhance the Efficacy of Mild-Temperature Photothermal Therapy by Disrupting Mitochondrial Functions of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37563-37577.	8.0	50
9	eMIONS: novel genetically engineered nanocages for magnetic hyperthermia cancer therapy. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1863739.	0.7	0
10	Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders. <i>Science Advances</i> , 2021, 7, eabl5862.	10.3	17
11	Engineering the surface of Gd ₂ O ₃ nanoplates for improved T1-weighted magnetic resonance imaging. <i>Chemical Engineering Journal</i> , 2020, 380, 122473.	12.7	20
12	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. <i>Biomaterials</i> , 2020, 233, 119753.	11.4	32
13	Metal-organic frameworks nanoswitch: Toward photo-controllable endo/lysosomal rupture and release for enhanced cancer RNA interference. <i>Nano Research</i> , 2020, 13, 238-245.	10.4	42
14	Genetically engineered magnetic nanocages for cancer magneto-catalytic theranostics. <i>Nature Communications</i> , 2020, 11, 5421.	12.8	84
15	Multimodal Photoacoustic Imaging-Guided Regression of Corneal Neovascularization: A Non-Invasive and Safe Strategy. <i>Advanced Science</i> , 2020, 7, 2000346.	11.2	31
16	Bio-engineered cell membrane nanovesicles as precision theranostics for perihilar cholangiocarcinoma. <i>Biomaterials Science</i> , 2020, 8, 1575-1579.	5.4	13
17	Fe(III)-Porphyrin Sonoatheranostics: A Green Triple-Regulated ROS Generation Nanoplatform for Enhanced Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1904056.	14.9	111
18	Tumor-Microenvironment-Activatable Nanoreactor Based on a Polyprodrug for Multimodal-Imaging-Medicated Enhanced Cancer Chemo/Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40704-40715.	8.0	29

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19	A single-step multi-level supramolecular system for cancer sonotheranostics. <i>Nanoscale Horizons</i> , 2019, 4, 190-195.	8.0	71
20	Genetically Engineered Cell Membrane Nanovesicles for Oncolytic Adenovirus Delivery: A Versatile Platform for Cancer Virotherapy. <i>Nano Letters</i> , 2019, 19, 2993-3001.	9.1	115
21	Zinc(II)-Dipicolylamine Coordination Nanotheranostics: Toward Synergistic Nanomedicine by Combined Photo/Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 269-272.	13.8	113
22	Bacteria-Responsive Nanoliposomes as Smart Sonotheranostics for Multidrug Resistant Bacterial Infections. <i>ACS Nano</i> , 2019, 13, 2427-2438.	14.6	123
23	Genetically Engineered Liposome-like Nanovesicles as Active Targeted Transport Platform. <i>Advanced Materials</i> , 2018, 30, 1705350.	21.0	149
24	Light/magnetic hyperthermia triggered drug released from multi-functional thermo-sensitive magnetoliposomes for precise cancer synergetic theranostics. <i>Journal of Controlled Release</i> , 2018, 272, 145-158.	9.9	105
25	Metalla-aromatic loaded magnetic nanoparticles for MRI/photoacoustic imaging-guided cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2528-2535.	5.8	42
26	Self-Assembled Metal-Organic Nanoparticles for Multimodal Imaging-Guided Photothermal Therapy of Hepatocellular Carcinoma. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1934-1943.	1.1	30
27	Photo-excitable hybrid nanocomposites for image-guided photo/TRAIL synergistic cancer therapy. <i>Biomaterials</i> , 2018, 176, 60-70.	11.4	37
28	Magnetosome Modification: From Bio-Nano Engineering Toward Nanomedicine. <i>Advanced Therapeutics</i> , 2018, 1, 1800080.	3.2	12
29	Functional ferritin nanoparticles for biomedical applications. <i>Frontiers of Chemical Science and Engineering</i> , 2017, 11, 633-646.	4.4	85
30	Gadolinium hybrid iron oxide nanocomposites for dual T ₁ - and T ₂ -weighted MR imaging of cell labeling. <i>Biomaterials Science</i> , 2017, 5, 50-56.	5.4	18
31	Extracellular ATP enhances in vitro invasion of prostate cancer cells by activating Rho GTPase and upregulating MMPs expression. <i>Cancer Letters</i> , 2010, 293, 189-197.	7.2	45
32	Metal Ion-Based Supramolecular Self-Assembly for Cancer Theranostics. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	5