Yang Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4060263/publications.pdf

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	Genetically Engineered Liposomeâ€like Nanovesicles as Active Targeted Transport Platform. Advanced Materials, 2018, 30, 1705350.	21.0	149
2	Bacteria-Responsive Nanoliposomes as Smart Sonotheranostics for Multidrug Resistant Bacterial Infections. ACS Nano, 2019, 13, 2427-2438.	14.6	123
3	Genetically Engineered Cell Membrane Nanovesicles for Oncolytic Adenovirus Delivery: A Versatile Platform for Cancer Virotherapy. Nano Letters, 2019, 19, 2993-3001.	9.1	115
4	Zinc(II)â€Dipicolylamine Coordination Nanotheranostics: Toward Synergistic Nanomedicine by Combined Photo/Gene Therapy. Angewandte Chemie - International Edition, 2019, 58, 269-272.	13.8	113
5	Fe(III)â€Porphyrin Sonotheranostics: A Green Tripleâ€Regulated ROS Generation Nanoplatform for Enhanced Cancer Imaging and Therapy. Advanced Functional Materials, 2019, 29, 1904056.	14.9	111
6	Light/magnetic hyperthermia triggered drug released from multi-functional thermo-sensitive magnetoliposomes for precise cancer synergetic theranostics. Journal of Controlled Release, 2018, 272, 145-158.	9.9	105
7	Functional ferritin nanoparticles for biomedical applications. Frontiers of Chemical Science and Engineering, 2017, 11, 633-646.	4.4	85
8	Genetically engineered magnetic nanocages for cancer magneto-catalytic theranostics. Nature Communications, 2020, 11, 5421.	12.8	84
9	A single-step multi-level supramolecular system for cancer sonotheranostics. Nanoscale Horizons, 2019, 4, 190-195.	8.0	71
10	Nanotransferrin-Based Programmable Catalysis Mediates Three-Pronged Induction of Oxidative Stress to Enhance Cancer Immunotherapy. ACS Nano, 2022, 16, 997-1012.	14.6	58
11	Gain an advantage from both sides: Smart size-shrinkable drug delivery nanosystems for high accumulation and deep penetration. Nano Today, 2021, 36, 101038.	11.9	54
12	Cancer Cytomembrane-Cloaked Prussian Blue Nanoparticles Enhance the Efficacy of Mild-Temperature Photothermal Therapy by Disrupting Mitochondrial Functions of Cancer Cells. ACS Applied Materials & Interfaces, 2021, 13, 37563-37577.	8.0	50
13	Multiâ€Responsive Bottlebrushâ€Like Unimolecules Selfâ€Assembled Nanoâ€Riceball for Synergistic Sonoâ€Chemotherapy. Small Methods, 2021, 5, e2000416.	8.6	47
14	Extracellular ATP enhances in vitro invasion of prostate cancer cells by activating Rho GTPase and upregulating MMPs expression. Cancer Letters, 2010, 293, 189-197.	7.2	45
15	Metalla-aromatic loaded magnetic nanoparticles for MRI/photoacoustic imaging-guided cancer phototherapy. Journal of Materials Chemistry B, 2018, 6, 2528-2535.	5.8	42
16	Metal-organic frameworks nanoswitch: Toward photo-controllable endo/lysosomal rupture and release for enhanced cancer RNA interference. Nano Research, 2020, 13, 238-245.	10.4	42
17	Photo-excitable hybrid nanocomposites for image-guided photo/TRAIL synergistic cancer therapy. Biomaterials, 2018, 176, 60-70.	11.4	37
18	A super-stable homogeneous Lipiodol-hydrophilic chemodrug formulation for treatment of hepatocellular carcinoma. Theranostics, 2022, 12, 1769-1782.	10.0	33

#	Article	IF	Citations
19	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. Biomaterials, 2020, 233, 119753.	11.4	32
20	Multimodal Photoacoustic Imagingâ€Guided Regression of Corneal Neovascularization: A Nonâ€Invasive and Safe Strategy. Advanced Science, 2020, 7, 2000346.	11.2	31
21	Self-Assembled Metal-Organic Nanoparticles for Multimodal Imaging-Guided Photothermal Therapy of Hepatocellular Carcinoma. Journal of Biomedical Nanotechnology, 2018, 14, 1934-1943.	1.1	30
22	Tumor-Microenvironment-Activatable Nanoreactor Based on a Polyprodrug for Multimodal-Imaging-Medicated Enhanced Cancer Chemo/Phototherapy. ACS Applied Materials & Interfaces, 2019, 11, 40704-40715.	8.0	29
23	A pure nanoICG-based homogeneous lipiodol formulation: toward precise surgical navigation of primary liver cancer after long-term transcatheter arterial embolization. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2605-2617.	6.4	27
24	Engineering the surface of Gd2O3 nanoplates for improved T1-weighted magnetic resonance imaging. Chemical Engineering Journal, 2020, 380, 122473.	12.7	20
25	Gadolinium hybrid iron oxide nanocomposites for dual T₁- and T₂-weighted MR imaging of cell labeling. Biomaterials Science, 2017, 5, 50-56.	5.4	18
26	Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders. Science Advances, 2021, 7, eabl5862.	10.3	17
27	Bio-engineered cell membrane nanovesicles as precision theranostics for perihilar cholangiocarcinoma. Biomaterials Science, 2020, 8, 1575-1579.	5.4	13
28	Magnetosome Modification: From Bioâ€Nano Engineering Toward Nanomedicine. Advanced Therapeutics, 2018, 1, 1800080.	3.2	12
29	Unimolecule-based size-charge switchable nanomedicine for deep cancer sono-immunotherapy. Nano Today, 2022, 43, 101417.	11.9	8
30	Metal Ion-Based Supramolecular Self-Assembly for Cancer Theranostics. Frontiers in Chemistry, 0, 10, .	3.6	5
31	Biosynthetic magnetic nanocages: towards effective and safe magneto-catalytic cancer therapy. Science Bulletin, 2021, 66, 640-642.	9.0	0
32	eMIONs: novel genetically engineered nanocages for magnetic hyperthermia cancer therapy. Molecular and Cellular Oncology, 2021, 8, 1863739.	0.7	0