

Chunfu Zhang

List of Publications by Year in descending order

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37
papers

1,773
citations

304602

22
h-index

330025

37
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38
all docs

38
docs citations

38
times ranked

3116
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Performance Optimized Silks from Ultra-Low Dose Polymer Dots Feeding and Its Absorption, Distribution and Excretion in the Silkworms. <i>Advanced Fiber Materials</i> , 2022, 4, 845-858.	7.9	8
2	Tumor microenvironment-responsive nanohybrid for hypoxia amelioration with photodynamic and near-infrared II photothermal combination therapy. <i>Acta Biomaterialia</i> , 2022, 146, 450-464.	4.1	26
3	Self-cascade nanohybrids boost cell ferroptosis stress for tumor radiosensitization therapy. <i>Applied Materials Today</i> , 2022, 29, 101558.	2.3	7
4	A Nano "Immune" Guide Recruiting Lymphocytes and Modulating the Ratio of Macrophages from Different Origins to Enhance Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009116.	7.8	24
5	Metabolic Control by Heat Stress Determining Cell Fate to Ferroptosis for Effective Cancer Therapy. <i>ACS Nano</i> , 2021, 15, 7179-7194.	7.3	91
6	Dual Targeting of Endoplasmic Reticulum by Redox-Deubiquitination Regulation for Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5193-5209.	3.3	12
7	One-pot synthesis of ⁶⁸ Ga-doped ultrasmall gold nanoclusters for PET/CT imaging of tumors. <i>Materials Science and Engineering C</i> , 2021, 128, 112291.	3.8	7
8	NIR/photoacoustic imaging of multitype gallbladder cancer using carboxyl/amino functionalized polymer dots. <i>Biomaterials Science</i> , 2020, 8, 6657-6669.	2.6	4
9	Human iPS Cells Loaded with MnO ₂ -Based Nanoprobes for Photodynamic and Simultaneous Enhanced Immunotherapy Against Cancer. <i>Nano-Micro Letters</i> , 2020, 12, 127.	14.4	31
10	The Effect of Polymer Dots During Mammalian Early Embryo Development and Their Biocompatibility on Maternal Health. <i>Macromolecular Bioscience</i> , 2020, 20, e2000128.	2.1	6
11	Sequential PDT and PTT Using Dual-Modal Single-Walled Carbon Nanohorns Synergistically Promote Systemic Immune Responses against Tumor Metastasis and Relapse. <i>Advanced Science</i> , 2020, 7, 2001088.	5.6	119
12	Regulation of cancer-immunity cycle and tumor microenvironment by nanobiomaterials to enhance tumor immunotherapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1612.	3.3	33
13	High-Resolution Imaging of the Lymphatic Vascular System in Living Mice/Rats Using Dual-Modal Polymer Dots. <i>ACS Applied Bio Materials</i> , 2019, 2, 3877-3885.	2.3	6
14	Regeneration of large bone defects using mesoporous silica coated magnetic nanoparticles during distraction osteogenesis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102040.	1.7	44
15	Strategy to prevent cardiac toxicity induced by polyacrylic acid decorated iron MRI contrast agent and investigation of its mechanism. <i>Biomaterials</i> , 2019, 222, 119442.	5.7	9
16	Tumor Chemo-Radiotherapy with Rod-Shaped and Spherical Gold Nano Probes: Shape and Active Targeting Both Matter. <i>Theranostics</i> , 2019, 9, 1893-1908.	4.6	66
17	GE11-PDA-Pt@USPIOs nano-formulation for relief of tumor hypoxia and MRI/PAI-guided tumor radio-chemotherapy. <i>Biomaterials Science</i> , 2019, 7, 2076-2090.	2.6	34
18	High resolution tracking of macrophage cells in deep organs and lymphatics using fluorescent polymer dots. <i>RSC Advances</i> , 2019, 9, 10966-10975.	1.7	5

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19	Dual Chemodrug-Loaded Single-Walled Carbon Nanohorns for Multimodal Imaging-Guided Chemo-Photothermal Therapy of Tumors and Lung Metastases. <i>Theranostics</i> , 2018, 8, 1966-1984.	4.6	79
20	Facile synthesis of superparamagnetic iron oxide nanoparticles with tunable size: from individual nanoparticles to nanoclusters. <i>Micro and Nano Letters</i> , 2017, 12, 749-753.	0.6	6
21	Feasibility of USPIOs for T ₁ -weighted MR molecular imaging of tumor receptors. <i>RSC Advances</i> , 2017, 7, 31671-31681.	1.7	5
22	Ultra-large-scale production of ultrasmall superparamagnetic iron oxide nanoparticles for T ₁ -weighted MRI. <i>RSC Advances</i> , 2016, 6, 22575-22585.	1.7	35
23	Gold nanoparticles-based SPECT/CT imaging probe targeting for vulnerable atherosclerosis plaques. <i>Biomaterials</i> , 2016, 108, 71-80.	5.7	63
24	A Multifunctional Platform for Tumor Angiogenesis-Targeted Chemo-Thermal Therapy Using Polydopamine-Coated Gold Nanorods. <i>ACS Nano</i> , 2016, 10, 10404-10417.	7.3	183
25	Tumor Angiogenesis Targeted Radiosensitization Therapy Using Gold Nanoprobes Guided by MRI/SPECT Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1718-1732.	4.0	67
26	MRI/SPECT/Fluorescent Tri-Modal Probe for Evaluating the Homing and Therapeutic Efficacy of Transplanted Mesenchymal Stem Cells in a Rat Ischemic Stroke Model. <i>Advanced Functional Materials</i> , 2015, 25, 1024-1034.	7.8	102
27	Detection of Vulnerable Atherosclerosis Plaques with a Dual-Modal Single-Photon-Emission Computed Tomography/Magnetic Resonance Imaging Probe Targeting Apoptotic Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2847-2855.	4.0	55
28	Stem Cells: MRI/SPECT/Fluorescent Tri-Modal Probe for Evaluating the Homing and Therapeutic Efficacy of Transplanted Mesenchymal Stem Cells in a Rat Ischemic Stroke Model (<i>Adv. Funct. Mater.</i>)	7.8	102
29	^{99m} Tc-Labeled Iron Oxide Nanoparticles for Dual-Contrast (<math>T_1</math>/<math>T_2</math> and Magnetic Resonance and Dual-Modality Imaging of Tumor Angiogenesis. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1027-1037.	0.5	38
30	Iodinated oil-loaded, fluorescent mesoporous silica-coated iron oxide nanoparticles for magnetic resonance imaging/computed tomography/fluorescence trimodal imaging. <i>International Journal of Nanomedicine</i> , 2014, 9, 2527.	3.3	51
31	High MRI performance fluorescent mesoporous silica-coated magnetic nanoparticles for tracking neural progenitor cells in an ischemic mouse model. <i>Nanoscale</i> , 2013, 5, 4506.	2.8	72
32	Highly sensitive magnetite nano clusters for MR cell imaging. <i>Nanoscale Research Letters</i> , 2012, 7, 204.	3.1	16
33	Mono-dispersed high magnetic resonance sensitive magnetite nanocluster probe for detection of nascent tumors by magnetic resonance molecular imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 996-1006.	1.7	29
34	High MR sensitive fluorescent magnetite nanocluster for stem cell tracking in ischemic mouse brain. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 1009-1019.	1.7	53
35	MR Imaging of activated hepatic stellate cells in liver injured by CCl ₄ of rats with integrin-targeted ultrasmall superparamagnetic iron oxide. <i>European Radiology</i> , 2011, 21, 1016-1025.	2.3	27
36	Noninvasively characterizing the different α and β expression patterns in lung cancers with RGD-USPIO using a clinical 3.0T MR scanner. <i>International Journal of Nanomedicine</i> , 2009, 4, 241.	3.3	26

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37	Specific Targeting of Tumor Angiogenesis by RGD-Conjugated Ultrasmall Superparamagnetic Iron Oxide Particles Using a Clinical 1.5-T Magnetic Resonance Scanner. <i>Cancer Research</i> , 2007, 67, 1555-1562.	0.4	332