

# 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  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3116  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
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 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
7	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
8	Tumor Angiogenesis Targeted Radiosensitization Therapy Using Gold Nanoprobes Guided by MRI/SPECT Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 1718-1732.	4.0	67
9	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
10	Gold nanoparticles-based SPECT/CT imaging probe targeting for vulnerable atherosclerosis plaques. <i>Biomaterials</i> , 2016, 108, 71-80.	5.7	63
11	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 &amp; Interfaces</i> , 2015, 7, 2847-2855.	4.0	55
12	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
13	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
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	<sup>99m</sup> Tc-Labeled Iron Oxide Nanoparticles for Dual-Contrast (<math>T_1</math>- and <math>T_2</math>-Weighted) Magnetic Resonance and Dual-Modality Imaging of Tumor Angiogenesis. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1027-1037.	0.5	38
16	Ultra-large-scale production of ultrasmall superparamagnetic iron oxide nanoparticles for T <sub>1</sub> -weighted MRI. <i>RSC Advances</i> , 2016, 6, 22575-22585.	1.7	35
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	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

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19	Human iPS Cells Loaded with MnO <sub>2</sub> -Based Nanoprobes for Photodynamic and Simultaneous Enhanced Immunotherapy Against Cancer. <i>Nano-Micro Letters</i> , 2020, 12, 127.	14.4	31
20	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
21	MR Imaging of activated hepatic stellate cells in liver injured by CCl <sub>4</sub> of rats with integrin-targeted ultrasmall superparamagnetic iron oxide. <i>European Radiology</i> , 2011, 21, 1016-1025.	2.3	27
22	Noninvasively characterizing the different $\alpha$ ;v&beta;3 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
23	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
24	A Nano $\alpha$ Immune $\beta$ Guide $\gamma$ 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
25	Highly sensitive magnetite nano clusters for MR cell imaging. <i>Nanoscale Research Letters</i> , 2012, 7, 204.	3.1	16
26	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
27	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
28	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
29	One-pot synthesis of <sup>68</sup> Ga-doped ultrasmall gold nanoclusters for PET/CT imaging of tumors. <i>Materials Science and Engineering C</i> , 2021, 128, 112291.	3.8	7
30	Self-cascade nanohybrids boost cell ferroptosis stress for tumor radiosensitization therapy. <i>Applied Materials Today</i> , 2022, 29, 101558.	2.3	7
31	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
32	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
33	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
34	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
35	Feasibility of USPIOs for T <sub>1</sub> -weighted MR molecular imaging of tumor receptors. <i>RSC Advances</i> , 2017, 7, 31671-31681.	1.7	5
36	NIR/photoacoustic imaging of multitype gallbladder cancer using carboxyl/amino functionalized polymer dots. <i>Biomaterials Science</i> , 2020, 8, 6657-6669.	2.6	4

#	ARTICLE	IF	CITATIONS
37	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 (Adv. Funct. Mater.) Tj ETQq1 1 07784314 rgBT /Overl		