

Song Shen

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,030
citations

257450

24
h-index

243625

44
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51
all docs

51
docs citations

51
times ranked

3368
citing authors

#	ARTICLE	IF	CITATIONS
1	Appropriate Size of Fe ₃ O ₄ Nanoparticles for Cancer Therapy by Ferroptosis. ACS Applied Bio Materials, 2022, 5, 1692-1699.	4.6	22
2	Ultrasmall iron oxide nanoparticles cause significant toxicity by specifically inducing acute oxidative stress to multiple organs. Particle and Fibre Toxicology, 2022, 19, 24.	6.2	42
3	Tumor Exosome-Mimicking Iron Oxide Nanoparticles for Near Infrared-Responsive Drug Delivery. ACS Applied Nano Materials, 2022, 5, 996-1002.	5.0	10
4	Oxygen-independent Free Radicals Induced by Photothermal Effect of Fe ₃ O ₄ for Hypoxic Cancer Therapy. Chemistry Letters, 2022, 51, 633-635.	1.3	2
5	Polymer nanoparticles regulate macrophage repolarization for antitumor treatment. Chemical Communications, 2021, 57, 6919-6922.	4.1	9
6	Phycocyanin Nanoparticle as a Novel Sonosensitizer for Tumor Sonodynamic Therapy of Michigan Cancer Foundation-7 Cells <i>In Vitro</i> . Journal of Nanoscience and Nanotechnology, 2021, 21, 3035-3040.	0.9	1
7	CaO ₂ /Fe ₃ O ₄ nanocomposites for oxygen-independent generation of radicals and cancer therapy. Colloids and Surfaces B: Biointerfaces, 2021, 204, 111803.	5.0	10
8	Concise Nanoplatfrom of Phycocyanin Nanoparticle Loaded with Docetaxel for Synergetic Chemo-sonodynamic Antitumor Therapy. ACS Applied Bio Materials, 2021, 4, 7176-7185.	4.6	7
9	Ultrasound responsive self-assembled micelles loaded with hypocrellin for cancer sonodynamic therapy. International Journal of Pharmaceutics, 2021, 608, 121052.	5.2	18
10	Facile synthesis of ultrasmall magnesium peroxide nanoparticles for antibacterial applications. Materials Letters, 2021, 302, 130380.	2.6	2
11	A smart material built upon the photo-thermochromic effect and its use for managing indoor temperature. Chemical Communications, 2021, 57, 8628-8631.	4.1	4
12	Enhanced antitumor efficacy and attenuated cardiotoxicity of doxorubicin in combination with lycopene liposomes. Journal of Liposome Research, 2020, 30, 37-44.	3.3	20
13	Ultra-small Fe ₃ O ₄ nanoparticles for nuclei targeting drug delivery and photothermal therapy. Journal of Drug Delivery Science and Technology, 2020, 58, 101782.	3.0	18
14	Reversible Thermochromic Nanoparticles Composed of a Eutectic Mixture for Temperature-Controlled Photothermal Therapy. Nano Letters, 2020, 20, 2137-2143.	9.1	69
15	Lipid Nanoparticles for the Controlled Generation of Free Radicals and Effective Treatment of Hypoxic Cancer. Chemistry Letters, 2020, 49, 817-819.	1.3	0
16	Synthesis of CaO ₂ Nanocrystals and Their Spherical Aggregates with Uniform Sizes for Use as a Biodegradable Bacteriostatic Agent. Small, 2019, 15, e1902118.	10.0	77
17	What potential do magnetic iron oxide nanoparticles have for the treatment of rheumatoid arthritis?. Nanomedicine, 2019, 14, 927-930.	3.3	10
18	Erythrocyte Membrane Coated Fe ₃ O ₄ Nanoparticles for Near Infrared Light Responsive Drug Delivery. Chemistry Letters, 2019, 48, 1414-1416.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Magnetic liposomes for light-sensitive drug delivery and combined photothermal chemotherapy of tumors. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1096-1106.	5.8	43
20	Magnetic thermosensitive micelles with upper critical solution temperature for NIR triggered drug release. <i>Biomaterials Science</i> , 2019, 7, 2134-2143.	5.4	37
21	Alginate/chitosan microcapsules for in-situ delivery of the protein, interleukin-1 receptor antagonist (IL-1Ra), for the treatment of dextran sulfate sodium (DSS)-induced colitis in a mouse model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 137, 112-121.	4.3	34
22	PEGylated doxorubicin cloaked nano-graphene oxide for dual-responsive photochemical therapy. <i>International Journal of Pharmaceutics</i> , 2019, 557, 66-73.	5.2	37
23	Engineered nanoparticles disguised as macrophages for trapping lipopolysaccharide and preventing endotoxemia. <i>Biomaterials</i> , 2019, 189, 60-68.	11.4	60
24	Combination cancer treatment through photothermally controlled release of selenous acid from gold nanocages. <i>Biomaterials</i> , 2018, 178, 517-526.	11.4	79
25	Enhancing the tactile and near-infrared sensing capabilities of electrospun PVDF nanofibers with the use of gold nanocages. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10263-10269.	5.5	18
26	Effect of magnetic nanoparticles size on rheumatoid arthritis targeting and photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 224-232.	5.0	61
27	Remotely controlled drug release based on iron oxide nanoparticles for specific therapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 440-448.	5.0	26
28	A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8801-8804.	13.8	179
29	A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells. <i>Angewandte Chemie</i> , 2017, 129, 8927-8930.	2.0	19
30	Abstrakt: A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells (<i>Angew. Chem.</i> 30/2017). <i>Angewandte Chemie</i> , 2017, 129, 9030-9030.	2.0	0
31	Ultrasound triggered drug delivery for mitochondria targeted sonodynamic therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 501-507.	3.0	41
32	Near-infrared light-responsive nanoparticles with thermosensitive yolk-shell structure for multimodal imaging and chemo-photothermal therapy of tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1607-1616.	3.3	56
33	A Eutectic Mixture of Natural Fatty Acids Can Serve as the Gating Material for Near-Infrared-Triggered Drug Release. <i>Advanced Materials</i> , 2017, 29, 1703702.	21.0	159
34	Reconstitution of Low-Density Lipoproteins with Fatty Acids for the Targeted Delivery of Drugs into Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10399-10402.	13.8	39
35	Reconstitution of Low-Density Lipoproteins with Fatty Acids for the Targeted Delivery of Drugs into Cancer Cells. <i>Angewandte Chemie</i> , 2017, 129, 10535-10538.	2.0	6
36	Micropatterned Polymer Nanorod Forests and Their Use for Dual Drug Loading and Regulation of Cell Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34194-34197.	8.0	6

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37	Azo-functionalized Fe ₃ O ₄ nanoparticles: a near-infrared light triggered drug delivery system for combined therapy of cancer with low toxicity. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3660-3669.	5.8	40
38	Ultrasound-guided Tumor Sonodynamic Therapy Based on Sonosensitizer Liposome. <i>Chemistry Letters</i> , 2016, 45, 1304-1306.	1.3	7
39	Non-covalent modification of graphene oxide nanocomposites with chitosan/dextran and its application in drug delivery. <i>RSC Advances</i> , 2016, 6, 9328-9337.	3.6	69
40	Doxorubicin-loaded Fe ₃ O ₄ @SiO ₂ Nanoparticles as Magnetic Targeting Agents for Combined Photothermal-chemotherapy of Cancer. <i>Chemistry Letters</i> , 2015, 44, 858-860.	1.3	7
41	Core-shell structured Fe ₃ O ₄ @TiO ₂ -doxorubicin nanoparticles for targeted chemo-sonodynamic therapy of cancer. <i>International Journal of Pharmaceutics</i> , 2015, 486, 380-388.	5.2	137
42	Dual-core-shell structured Fe ₃ O ₄ @NaYF ₄ @TiO ₂ nanocomposites as a magnetic targeting drug carrier for bioimaging and combined chemo-sonodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5775-5784.	5.8	84
43	Negative-charge-functionalized mesoporous silica nanoparticles as drug vehicles targeting hepatocellular carcinoma. <i>International Journal of Pharmaceutics</i> , 2014, 474, 223-31.	5.2	46
44	CMCTS stabilized Fe ₃ O ₄ particles with extremely low toxicity as highly efficient near-infrared photothermal agents for in vivo tumor ablation. <i>Nanoscale</i> , 2013, 5, 8056.	5.6	147
45	Hybrid nanoparticles for drug delivery and bioimaging: Mesoporous silica nanoparticles functionalized with carboxyl groups and a near-infrared fluorescent dye. <i>Journal of Colloid and Interface Science</i> , 2013, 395, 306-314.	9.4	81
46	A multifunctional mesoporous silica nanocomposite for targeted delivery, controlled release of doxorubicin and bioimaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 138-147.	5.0	108
47	Bypassing multidrug resistance in human breast cancer cells with lipid/polymer particle assemblies. <i>International Journal of Nanomedicine</i> , 2012, 7, 187.	6.7	49
48	Development of a successive targeting liposome with multi-ligand for efficient targeting gene delivery. <i>Journal of Gene Medicine</i> , 2011, 13, 290-301.	2.8	20
49	Fe ₃ O ₄ @TiO ₂ Nanocomposites for Magnetic Targeting Sonodynamic Therapy of Cancer. <i>Key Engineering Materials</i> , 0, 636, 129-132.	0.4	2
50	One-Step Fabrication of Multifunctional PLGA-HMME-DTX@MnO ₂ Nanoparticles for Enhanced Chemo-Sonodynamic Antitumor Treatment. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2577-2591.	6.7	4