

Fei Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,470
citations

471371

17
h-index

315616

38
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42
all docs

42
docs citations

42
times ranked

2836
citing authors

#	ARTICLE	IF	CITATIONS
1	The Smart Drug Delivery System and Its Clinical Potential. <i>Theranostics</i> , 2016, 6, 1306-1323.	4.6	718
2	Cardioprotective activity of iron oxide nanoparticles. <i>Scientific Reports</i> , 2015, 5, 8579.	1.6	66
3	Doxorubicin-loaded poly (lactic-co-glycolic acid) nanoparticles coated with chitosan/alginate by layer by layer technology for antitumor applications. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1791-1802.	3.3	66
4	A Functional Iron Oxide Nanoparticles Modified with PLA-PEG-DG as Tumor-Targeted MRI Contrast Agent. <i>Pharmaceutical Research</i> , 2017, 34, 1683-1692.	1.7	52
5	Magnetic nanoparticles: recent developments in drug delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 697-706.	0.9	52
6	Preparation, Characterization of 2-Deoxy-D-Glucose Functionalized Dimercaptosuccinic Acid-Coated Maghemite Nanoparticles for Targeting Tumor Cells. <i>Pharmaceutical Research</i> , 2012, 29, 1087-1097.	1.7	44
7	Preliminary study on impacts of polystyrene microplastics on the hematological system and gene expression in bone marrow cells of mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112296.	2.9	33
8	Identification of amentoflavone as a potent highly selective PARP-1 inhibitor and its potentiation on carboplatin in human non-small cell lung cancer. <i>Phytomedicine</i> , 2018, 50, 88-98.	2.3	30
9	High-Performance Worm-like Mn ²⁺ /Zn Ferrite Theranostic Nanoagents and the Application on Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29536-29548.	4.0	30
10	Integrated pharmacokinetics and biodistribution of multiple flavonoid C-glycosides components in rat after oral administration of <i>Abrus mollis</i> extract and correlations with bio-effects. <i>Journal of Ethnopharmacology</i> , 2015, 163, 290-296.	2.0	27
11	Preparation, characterization and evaluation of breviscapine lipid emulsions coated with monooleate- α -PEG- α -COOH. <i>International Journal of Pharmaceutics</i> , 2011, 421, 275-282.	2.6	23
12	Rubik-like magnetic nanoassemblies as an efficient drug multifunctional carrier for cancer theranostics. <i>Journal of Controlled Release</i> , 2013, 172, 993-1001.	4.8	23
13	Superparamagnetic anisotropic nano-assemblies with longer blood circulation in vivo: a highly efficient drug delivery carrier for leukemia therapy. <i>Nanoscale</i> , 2016, 8, 17085-17089.	2.8	23
14	Paclitaxel-Loaded Magnetic Nanoparticles: Synthesis, Characterization, and Application in Targeting. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2115-2122.	1.6	23
15	High-performance SOD mimetic enzyme Au@Ce for arresting cell cycle and proliferation of acute myeloid leukemia. <i>Bioactive Materials</i> , 2022, 10, 117-130.	8.6	21
16	Discovery of Novel Apigenin-Piperazine Hybrids as Potent and Selective Poly (ADP-Ribose) Polymerase-1 (PARP-1) Inhibitors for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12089-12108.	2.9	20
17	Preparation and <i>in vivo</i> safety evaluations of antileukemic homoharringtonine-loaded PEGylated liposomes. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 652-660.	0.9	18
18	Target therapy of multiple myeloma by PTX-NPs and ABCG2 antibody in a mouse xenograft model. <i>Oncotarget</i> , 2015, 6, 27714-27724.	0.8	18

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19	Optimized Preparation, Characterization and Biodistribution in Heart of Breviscapine Lipid Emulsion. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 1455-1460.	0.6	16
20	Effects of different doses of 2,3-dimercaptosuccinic acid-modified Fe ₂ O ₃ nanoparticles on intercalated discs in engineered cardiac tissues. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 121-130.	1.6	15
21	Coronal relay reactor Fe ₃ O ₄ @CeO ₂ for accelerating ROS axial conversion through enhanced Enzyme-like effect and relay effect. <i>Chemical Engineering Journal</i> , 2022, 429, 132303.	6.6	14
22	Inhibitory effect of magnetic Fe ₃ O ₄ nanoparticles coloaded with homoharringtonine on human leukemia cells in vivo and in vitro. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4413-4422.	3.3	13
23	Detection of human breast cancer cells using a 2-deoxy-D-glucose-functionalized superparamagnetic iron oxide nanoparticles. <i>Cancer Biomarkers</i> , 2017, 18, 367-374.	0.8	13
24	Synthesis and biological evaluation of clovamide analogues with catechol functionality as potent Parkinson's disease agents in vitro and in vivo. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 302-312.	1.0	13
25	Cynaroside protects the blue light-induced retinal degeneration through alleviating apoptosis and inducing autophagy in vitro and in vivo. <i>Phytomedicine</i> , 2021, 88, 153604.	2.3	13
26	Synthesis, properties and self-assembly of intelligent core-shell nanoparticles based on chitosan with different molecular weight and N-isopropylacrylamide. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3749-3759.	1.3	11
27	MRI of High-Glucose Metabolism Tumors: a Study in Cells and Mice with 2-DG-Modified Superparamagnetic Iron Oxide Nanoparticles. <i>Molecular Imaging and Biology</i> , 2016, 18, 24-33.	1.3	11
28	Fe ₃ O ₄ @OA@Poloxamer nanoparticles lower triglyceride in hepatocytes through liposuction effect and nano-enzyme effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110528.	2.5	10
29	Protective effects of cynaroside on oxidative stress in retinal pigment epithelial cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22352.	1.4	9
30	Characterization, biodistribution and targeting evaluation of breviscapine lipid emulsions following intravenous injection in mice. <i>Drug Delivery</i> , 2011, 18, 159-165.	2.5	8
31	Safety, heart specificity, and therapeutic effect evaluation of Guanfu base A-loaded solid nanolipids in treating arrhythmia. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1471-1482.	3.0	8
32	Optimization of N-Phenylpropenoyl-amino Acids as Potent and Selective Inducible Nitric Oxide Synthase Inhibitors for Parkinson's Disease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7760-7777.	2.9	8
33	2, 3-Dimercaptosuccinic Acid-Modified Iron Oxide Clusters for Magnetic Resonance Imaging. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 4030-4037.	1.6	4
34	Proanthocyanidin A1 promotes the production of platelets to ameliorate chemotherapy-induced thrombocytopenia through activating JAK2/STAT3 pathway. <i>Phytomedicine</i> , 2022, 95, 153880.	2.3	4
35	Hematological effects of glyphosate in mice revealed by traditional toxicology and transcriptome sequencing. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103866.	2.0	3
36	Fe ₃ O ₄ nanoparticle loaded paclitaxel induce multiple myeloma apoptosis by cell cycle arrest and increase cleavage of caspases in vitro. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	2

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37	Preparation and In Vitro Cellular Uptake Assessment of Multifunctional Rubik-Like Magnetic Nano-Assemblies. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3301-3309.	0.9	2
38	A study on distribution and stability of drugs at the interface of a scutellarin-loaded emulsion. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 740-749.	1.1	2
39	Fabrication and Applications of Magnetic Nanoparticles-Based Drug Delivery System: Challenges and Perspectives. , 2020, , 455-482.		1
40	4-Trifluoromethyl-(E)-cinnamoyl]-L-4-F-phenylalanine acid exerts its effects on the prevention, post-therapeutic and prolongation of the thrombolytic window in ischemia-reperfusion rats through multiple mechanisms of action. <i>Pharmacological Research</i> , 2022, 178, 106182.	3.1	1
41	Some Preliminary Results to Eradicate Leukemic Cells in Extracorporeal Circulation by Actuating Doxorubicin-Loaded Nanochains of Fe ₃ O ₄ Nanoparticles. <i>Cells</i> , 2022, 11, 2007.	1.8	1