

# Xiaoli Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

2,794  
citations

236925

25  
h-index

182427

51  
g-index

58  
all docs

58  
docs citations

58  
times ranked

4214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive understanding of magnetic hyperthermia for improving antitumor therapeutic efficacy. <i>Theranostics</i> , 2020, 10, 3793-3815.	10.0	351
2	A G3BP1-Interacting lncRNA Promotes Ferroptosis and Apoptosis in Cancer via Nuclear Sequestration of p53. <i>Cancer Research</i> , 2018, 78, 3484-3496.	0.9	335
3	EGLN1/c-Myc Induced Lymphoid-Specific Helicase Inhibits Ferroptosis through Lipid Metabolic Gene Expression Changes. <i>Theranostics</i> , 2017, 7, 3293-3305.	10.0	199
4	Optimization and Design of Magnetic Ferrite Nanoparticles with Uniform Tumor Distribution for Highly Sensitive MRI/MPI Performance and Improved Magnetic Hyperthermia Therapy. <i>Nano Letters</i> , 2019, 19, 3618-3626.	9.1	176
5	Ferrimagnetic Vortex Nanoring-Mediated Mild Magnetic Hyperthermia Imparts Potent Immunological Effect for Treating Cancer Metastasis. <i>ACS Nano</i> , 2019, 13, 8811-8825.	14.6	165
6	Graphene Oxide-Grafted Magnetic Nanorings Mediated Magnetothermodynamic Therapy Favoring Reactive Oxygen Species-Related Immune Response for Enhanced Antitumor Efficacy. <i>ACS Nano</i> , 2020, 14, 1936-1950.	14.6	126
7	Orientation Mediated Enhancement on Magnetic Hyperthermia of Fe <sub>3</sub> O <sub>4</sub> Nanodisc. <i>Advanced Functional Materials</i> , 2015, 25, 812-820.	14.9	121
8	Synthesis of nonstoichiometric zinc ferrite nanoparticles with extraordinary room temperature magnetism and their diverse applications. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2875.	5.5	115
9	Multimodality treatment of cancer with herceptin conjugated, thermomagnetic iron oxides and docetaxel loaded nanoparticles of biodegradable polymers. <i>Biomaterials</i> , 2012, 33, 7519-7529.	11.4	111
10	Multi-faced neuroprotective effects of geniposide depending on the RAGE-mediated signaling in an Alzheimer mouse model. <i>Neuropharmacology</i> , 2015, 89, 175-184.	4.1	80
11	A Bioinspired Nanoprobe with Multilevel Responsive $T_1$ -Weighted MR Signalâ€Amplification Illuminates Ultrasmall Metastases. <i>Advanced Materials</i> , 2020, 32, e1906799.	21.0	64
12	Fluorinated Oligoethylenimine Nanoassemblies for Efficient siRNA-Mediated Gene Silencing in Serum-Containing Media by Effective Endosomal Escape. <i>Nano Letters</i> , 2018, 18, 6301-6311.	9.1	61
13	Camptothecin-based nanodrug delivery systems. <i>Cancer Biology and Medicine</i> , 2017, 14, 363.	3.0	56
14	Silver nanoparticles disrupt germline stem cell maintenance in the <i>Drosophila</i> testis. <i>Scientific Reports</i> , 2016, 6, 20632.	3.3	54
15	Recent Advances in Enzyme-Nanostructure Biocatalysts with Enhanced Activity. <i>Catalysts</i> , 2020, 10, 338.	3.5	50
16	Geniposide ameliorates cognitive deficits by attenuating the cholinergic defect and amyloidosis in middle-aged Alzheimer model mice. <i>Neuropharmacology</i> , 2017, 116, 18-29.	4.1	47
17	Endoplasmic Reticulum Stress Affects Lipid Metabolism in Atherosclerosis Via CHOP Activation and Over-Expression of miR-33. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1995-2010.	1.6	46
18	Ultrasonication-Triggered Ubiquitous Assembly of Magnetic Janus Amphiphilic Nanoparticles in Cancer Theranostic Applications. <i>Nano Letters</i> , 2019, 19, 4118-4125.	9.1	44

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19	Activation of AhR with nuclear IKK $\beta$ regulates cancer stem-like properties in the occurrence of radioresistance. <i>Cell Death and Disease</i> , 2018, 9, 490.	6.3	38
20	Evaluation of Plasma Exchange and Continuous Veno-venous Hemofiltration for the Treatment of Severe Avian Influenza A (H7N9): A Cohort Study. <i>Therapeutic Apheresis and Dialysis</i> , 2015, 19, 178-184.	0.9	37
21	Nuclear EGFR-PKM2 axis induces cancer stem cell-like characteristics in irradiation-resistant cells. <i>Cancer Letters</i> , 2018, 422, 81-93.	7.2	36
22	Geniposide Protects Primary Cortical Neurons against Oligomeric A $\beta$ <sub>1-42</sub> -Induced Neurotoxicity through a Mitochondrial Pathway. <i>PLoS ONE</i> , 2016, 11, e0152551.	2.5	36
23	Magnetothermal regulation of in vivo protein corona formation on magnetic nanoparticles for improved cancer nanotherapy. <i>Biomaterials</i> , 2021, 276, 121021.	11.4	29
24	Precise Regulation of Enzyme Cascade Reaction Kinetics by Magnetic Actuation toward Efficient Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52395-52405.	8.0	28
25	Baicalin hydrate inhibits cancer progression in nasopharyngeal carcinoma by affecting genome instability and splicing. <i>Oncotarget</i> , 2018, 9, 901-914.	1.8	27
26	The efficiency of magnetic hyperthermia and in vivo histocompatibility for human-like collagen protein-coated magnetic nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 1175.	6.7	26
27	The Whole Exome Sequencing Clarifies the Genotype-Phenotype Correlations in Patients with Early-Onset Dementia. , 2018, 9, 696.		26
28	DNA methylation modifier LSH inhibits p53 ubiquitination and transactivates p53 to promote lipid metabolism. <i>Epigenetics and Chromatin</i> , 2019, 12, 59.	3.9	22
29	Electromagnetic Field-Programmed Magnetic Vortex Nanodelivery System for Efficacious Cancer Therapy. <i>Advanced Science</i> , 2021, 8, e2100950.	11.2	22
30	Structure-Relaxivity Mechanism of an Ultrasmall Ferrite Nanoparticle T <sub>1</sub> MR Contrast Agent: The Impact of Dopants Controlled Crystalline Core and Surface Disordered Shell. <i>Nano Letters</i> , 2021, 21, 1115-1123.	9.1	21
31	Magneto-responsive nanozyme: magnetic stimulation on the nanozyme activity of iron oxide nanoparticles. <i>Science China Life Sciences</i> , 2022, 65, 184-192.	4.9	20
32	Endogenous authentic OCT4A proteins directly regulate FOS/AP-1 transcription in somatic cancer cells. <i>Cell Death and Disease</i> , 2018, 9, 585.	6.3	19
33	Nonmagnetic Hypertonic Saline-Based Implant for Breast Cancer Postsurgical Recurrence Prevention by Magnetic Field/pH-Driven Thermochemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10597-10607.	8.0	17
34	The conical stent in coronary artery improves hemodynamics compared with the traditional cylindrical stent. <i>International Journal of Cardiology</i> , 2017, 227, 166-171.	1.7	16
35	Dynamic behavior of lymphocyte subgroups correlates with clinical outcomes in human H7N9 infection. <i>Journal of Infection</i> , 2014, 69, 358-365.	3.3	15
36	MnO <sub>2</sub> /Au hybrid nanowall film for high-performance surface-enhanced Raman scattering substrate. <i>Applied Surface Science</i> , 2015, 333, 78-85.	6.1	13

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37	Preconditioning With Tauroursodeoxycholic Acid Protects Against Contrast-Induced HK-2 Cell Apoptosis by Inhibiting Endoplasmic Reticulum Stress. <i>Angiology</i> , 2015, 66, 941-949.	1.8	13
38	Multiple novel hepatocellular carcinoma signature genes are commonly controlled by the master pluripotency factor OCT4. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 279-295.	4.4	13
39	Network pharmacology and molecular docking analysis on mechanisms of Tibetan Hongjingian ( <i>Rhodiola crenulata</i> ) in the treatment of COVID-19. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	12
40	Redox-Responsive Functional Iron Oxide Nanocrystals for Magnetic Resonance Imaging-Guided Tumor Hyperthermia Therapy and Heat-Mediated Immune Activation. <i>ACS Applied Nano Materials</i> , 2022, 5, 4537-4549.	5.0	12
41	Large-scale synthesis of high-content Fe nanotubes/nanorings with high magnetization by H <sub>2</sub> reduction process. <i>Materials Research Bulletin</i> , 2013, 48, 5003-5007.	5.2	10
42	A tryptophan derivative, ITE, enhances liver cell metabolic functions in vitro. <i>International Journal of Molecular Medicine</i> , 2017, 39, 101-112.	4.0	10
43	Synthesis of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles via Hydrothermal Route and Fe <sub>3</sub> O <sub>4</sub> Particles Through Subsequent Chemical Reduction. <i>Science of Advanced Materials</i> , 2013, 5, 1199-1207.	0.7	10
44	Influence of the Aspect Ratio of Iron Oxide Nanorods on Hysteresis-Loss-Mediated Magnetic Hyperthermia. <i>ACS Applied Bio Materials</i> , 2021, 4, 4809-4820.	4.6	9
45	Enhancement of CD8 <sup>+</sup> Cell-Mediated Tumor Immunotherapy via Magnetic Hyperthermia. <i>ChemMedChem</i> , 2022, 17, .	3.2	9
46	Preparation of zirconium oxy ion-imprinted particle for the selective separation of trace zirconium ion from water. <i>Journal of Colloid and Interface Science</i> , 2014, 431, 209-215.	9.4	7
47	Peptidoglycan-based immunomodulation. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 981-993.	3.6	7
48	Human-like collagen protein-coated magnetic nanoparticles with high magnetic hyperthermia performance and improved biocompatibility. <i>Nanoscale Research Letters</i> , 2015, 10, 28.	5.7	6
49	Regulation of ID4 In Vivo for Efficient Magnetothermal Therapy of Breast Cancer. <i>Advanced Therapeutics</i> , 2021, 4, 2000291.	3.2	6
50	The Impacts of IL1R1 and IL1R2 Genetic Variants on Rheumatoid Arthritis Risk in the Chinese Han Population: A Case-Control Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 2147-2159.	1.8	4
51	Ionic Reactivity of 2-Isocyanoaryl Thioethers: Access to 2-Halo and 2-Aminobenzothia/Selenazoles. <i>Journal of Organic Chemistry</i> , 2022, 87, 2845-2852.	3.2	4
52	The Metal Ion Release of Manganese Ferrite Nanoparticles: Kinetics, Effects on Magnetic Resonance Relaxivities, and Toxicity. <i>ACS Applied Bio Materials</i> , 0, , .	4.6	4
53	Facile synthesis of water-dispersible magnetite nanorings from surfactant-free hematite nanorings. <i>Micro and Nano Letters</i> , 2016, 11, 814-818.	1.3	3
54	Admission Heart Rate Is Associated With Coronary Artery Disease Severity and Complexity in Patients With Acute Coronary Syndrome. <i>Angiology</i> , 2019, 70, 774-781.	1.8	2

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55	Women With Early Menopause Have Higher Rates of Target Lesion Revascularization After Percutaneous Coronary Intervention. <i>Angiology</i> , 2016, 67, 311-316.	1.8	1
56	Long-Term Follow-Up After Treatment of Drug-Eluting Stent Restenosis and De Novo Lesions Using SeQuent Please Paclitaxel-Coated Balloons. <i>Angiology</i> , 2019, 70, 414-422.	1.8	1
57	Nutrient Stimulation of Indigenous Microorganisms for Oil-in-Water Emulsion in a Medium Temperature Petroleum Reservoir with Ca <sup>2+</sup> -Rich Brine. <i>Geofluids</i> , 2021, 2021, 1-9.	0.7	1