

# Xiao Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,717  
citations

361413  
20  
h-index

315739  
38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Molecular Fluorophores for Biological Imaging in the NIR Window. <i>Advanced Materials</i> , 2017, 29, 1605497.	21.0	356
2	Panaxydol attenuates ferroptosis against LPS-induced acute lung injury in mice by Keap1-Nrf2/HO-1 pathway. <i>Journal of Translational Medicine</i> , 2021, 19, 96.	4.4	164
3	Polymethine Thiopyrylium Fluorophores with Absorption beyond 1000 nm for Biological Imaging in the Second Near-Infrared Subwindow. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2049-2059.	6.4	156
4	High Affinity to Skeleton Rare Earth Doped Nanoparticles for Near-Infrared II Imaging. <i>Nano Letters</i> , 2019, 19, 2985-2992.	9.1	141
5	Interferon- $\beta$ induces tumor resistance to anti-PD-1 immunotherapy by promoting YAP phase separation. <i>Molecular Cell</i> , 2021, 81, 1216-1230.e9.	9.7	114
6	Cancer cell membrane-coated rare earth doped nanoparticles for tumor surgery navigation in NIR-II imaging window. <i>Chemical Engineering Journal</i> , 2020, 385, 123959.	12.7	86
7	Quaternary Ammonium Salt Based NIR Probes for In Vivo Imaging. <i>Advanced Optical Materials</i> , 2019, 7, 1900229.	7.3	66
8	Co-exposure to metals and polycyclic aromatic hydrocarbons, microRNA expression, and early health damage in coke oven workers. <i>Environment International</i> , 2019, 122, 369-380.	10.0	57
9	Ultra-sensitive Nanoprobe Modified with Tumor Cell Membrane for UCL/MRI/PET Multimodality Precise Imaging of Triple-Negative Breast Cancer. <i>Nano-Micro Letters</i> , 2020, 12, 62.	27.0	50
10	Inhibition of BRD4 suppresses tumor growth and enhances iodine uptake in thyroid cancer. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 679-685.	2.1	48
11	Non-malignant findings of focal $^{68}\text{Ga}$ -FAPI-04 uptake in pancreas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2635-2641.	6.4	36
12	Biomimetic oxygen delivery nanoparticles for enhancing photodynamic therapy in triple-negative breast cancer. <i>Journal of Nanobiotechnology</i> , 2021, 19, 81.	9.1	36
13	Incidence of Interstitial Pregnancy After In Vitro Fertilization/Embryo Transfer and the Outcome of a Consecutive Series of 38 Cases Managed by Laparoscopic Cornuostomy or Cornual Repair. <i>Journal of Minimally Invasive Gynecology</i> , 2016, 23, 739-747.	0.6	32
14	Essential Metals Zinc, Selenium, and Strontium Protect against Chromosome Damage Caused by Polycyclic Aromatic Hydrocarbons Exposure. <i>Environmental Science &amp; Technology</i> , 2016, 50, 951-960.	10.0	31
15	Hierarchically Nanostructured Hybrid Platform for Tumor Delineation and Image-Guided Surgery via NIR Fluorescence and PET Bimodal Imaging. <i>Small</i> , 2019, 15, e1903382.	10.0	31
16	Roles of endoplasmic reticulum stress, apoptosis and autophagy in 2,2',4,4'-tetrabromodiphenyl ether-induced rat ovarian injury. <i>Reproductive Toxicology</i> , 2016, 65, 187-193.	2.9	29
17	Exposure to Polycyclic Aromatic Hydrocarbons, Plasma Cytokines and Heart Rate Variability. <i>Scientific Reports</i> , 2016, 6, 19272.	3.3	25
18	Simultaneous Determination of Seven Anthraquinone Aglycones of Crude and Processed Semen Cassiae Extracts in Rat Plasma by UPLC-MS/MS and Its Application to a Comparative Pharmacokinetic Study. <i>Molecules</i> , 2017, 22, 1803.	3.8	24

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19	Oxidative stress-elicited autophagosome accumulation contributes to human neuroblastoma SH-SY5Y cell death induced by PBDE-47. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 322-328.	4.0	23
20	SPECT and fluorescence imaging of vulnerable atherosclerotic plaque with a vascular cell adhesion molecule 1 single-chain antibody fragment. <i>Atherosclerosis</i> , 2016, 254, 263-270.	0.8	21
21	A thiopyrylium salt for PET/NIR-IR tumor imaging and image-guided surgery. <i>Molecular Oncology</i> , 2020, 14, 1089-1100.	4.6	20
22	Uterine Uptake of 68Ga-FAPI-04 in Uterine Pathology and Physiology. <i>Clinical Nuclear Medicine</i> , 2022, 47, 7-13.	1.3	20
23	Blocking inhibition to YAP by ActinomycinD enhances anti-tumor efficacy of Corosolic acid in treating liver cancer. <i>Cellular Signalling</i> , 2017, 29, 209-217.	3.6	19
24	Extracellular vesicles enclosed miR-421 suppresses air pollution (PM <sub>2.5</sub> )-induced cardiac dysfunction via ACE2 signalling. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12222.	12.2	17
25	PET Imaging of VCAM-1 Expression and Monitoring Therapy Response in Tumor with a 68Ga-Labeled Single Chain Variable Fragment. <i>Molecular Pharmaceutics</i> , 2018, 15, 609-618.	4.6	16
26	Suggestions for safety and protection control in Department of Nuclear Medicine during the outbreak of COVID-19. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1632-1633.	6.4	15
27	Synergistic strategy of rare-earth doped nanoparticles for NIR-II biomedical imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9116-9122.	5.8	14
28	Acquired treatment response from neoadjuvant chemotherapy predicts a favorable prognosis for local advanced cervical cancer. <i>Medicine (United States)</i> , 2018, 97, e0530.	1.0	13
29	19-Hydroxybufalin inhibits non-small cell lung cancer cell proliferation and promotes cell apoptosis via the Wnt/ $\beta$ -catenin pathway. <i>Experimental Hematology and Oncology</i> , 2021, 10, 48.	5.0	12
30	The interaction of APEX1 variant with polycyclic aromatic hydrocarbons on increasing chromosome damage and lung cancer risk among male Chinese. <i>Molecular Carcinogenesis</i> , 2015, 54, E103-11.	2.7	11
31	Association between macrophage migration inhibitory factor in the endometrium and estrogen in endometriosis. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 787-791.	1.8	8
32	18F-PFPN PET: a new and attractive imaging modality for patients with malignant melanoma. <i>Journal of Nuclear Medicine</i> , 2022, , jnumed.121.263179.	5.0	7
33	Epigenomic and Transcriptomic Prioritization of Candidate Obesity-Risk Regulatory GWAS SNPs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1271.	4.1	5
34	Heterotopic pancreas mimicking primary gastric malignant tumour on 18F-FDG PET/MR in a child. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3192-3193.	6.4	4
35	Evaluation of 99mTc-HYNIC-VCAM-1scFv as a Potential Qualitative and Semiquantitative Probe Targeting Various Tumors. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-8.	0.8	3
36	SIRT3-mediated mitochondrial autophagy in refeeding syndrome-related myocardial injury in sepsis rats. <i>Annals of Translational Medicine</i> , 2022, 10, 211-211.	1.7	3

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37	Coming back to the normal clinic: how has COVID-19 changed us?. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2072-2074.	6.4	2
38	Melanin-Targeted PET Imaging With 18F-PFPN for Identifying Gastric Metastatic Melanoma. Clinical Nuclear Medicine, 2022, 47, 666-667.	1.3	2
39	Protocol to establish a lung adenocarcinoma immunotherapy allograft mouse model with FACS and immunofluorescence-based analysis of tumor response. STAR Protocols, 2021, 2, 100595.	1.2	0