Dawen Zhao

List of Publications by Year
in descending order

32 papers	1,268 citations	394390 19 h-index	454934 30 g-index
32 all docs	32 docs citations	32 times ranked	2371 citing authors

#	Article	IF	Citations
1	Ligand-Independent EGFR Signaling. Cancer Research, 2015, 75, 3436-3441.	0.9	166
2	An inhalable nanoparticulate STING agonist synergizes with radiotherapy to confer long-term control of lung metastases. Nature Communications, 2019, 10, 5108.	12.8	148
3	Comparison of ¹H blood oxygen levelâ€“dependent (BOLD) and ¹⁹F MRI to investigate tumor oxygenation. Magnetic Resonance in Medicine, 2009, 62, 357-364.	3.0	85
4	A TNFâ€“JNKâ€“Axlâ€“ERK signaling axis mediates primary resistance to EGFR inhibition in glioblastoma. Nature Neuroscience, 2017, 20, 1074-1084.	14.8	82
5	Tumor Oxygen Dynamics: Correlation of In Vivo MRI with Histological Findings. Neoplasia, 2003, 5, 308-318.	5.3	73
6	TNF-driven adaptive response mediates resistance to EGFR inhibition in lung cancer. Journal of Clinical Investigation, 2018, 128, 2500-2518.	8.2	73
7	Tumor physiologic response to combretastatin A4 phosphate assessed by MRI. International Journal of Radiation Oncology Biology Physics, 2005, 62, 872-880.	0.8	67
8	Phosphatidylserine-targeted bimodal liposomal nanoparticles for in vivo imaging of breast cancer in mice. Journal of Controlled Release, 2014, 183, 114-123.	9.9	66
9	Antivascular effects of combretastatin A4 phosphate in breast cancer xenograft assessed using dynamic bioluminescence imaging and confirmed by MRI. FASEB Journal, 2008, 22, 2445-2451.	0.5	58
10	EGFR inhibition triggers an adaptive response by co-opting antiviral signaling pathways in lung cancer. Nature Cancer, 2020, 1, 394-409.	13.2	51
11	Intrapleural nano-immunotherapy promotes innate and adaptive immune responses to enhance anti-PD-L1 therapy for malignant pleural effusion. Nature Nanotechnology, 2022, 17, 206-216.	31.5	46
12	Dynamic oxygen challenge evaluated by NMR T₁ and T₂* â€“ insights into tumor oxygenation. NMR in Biomedicine, 2015, 28, 937-947.	2.8	45
13	Carbon ion radiotherapy decreases the impact of tumor heterogeneity on radiation response in experimental prostate tumors. Cancer Letters, 2016, 378, 97-103.	7.2	41
14	Convertible MRI contrast: Sensing the delivery and release of anti-glioma nano-drugs. Scientific Reports, 2015, 5, 9874.	3.3	37
15	Near-infrared Optical Imaging of Exposed Phosphatidylserine in a Mouse Glioma Model. Translational Oncology, 2011, 4, 355-364.	3.7	35
16	Continuous Low-Dose (Metronomic) Chemotherapy on Rat Prostate Tumors Evaluated Using MRI In Vivo and Comparison with Histology. Neoplasia, 2005, 7, 678-687.	5.3	27
17	In Vivo Near-Infrared Spectroscopy and Magnetic Resonance Imaging Monitoring of Tumor Response to Combretastatin A-4-Phosphate Correlated With Therapeutic Outcome. International Journal of Radiation Oncology Biology Physics, 2011, 80, 574-581.	0.8	25
18	Efficacy of EGFR plus TNF inhibition in a preclinical model of temozolomide-resistant glioblastoma. Neuro-Oncology, 2019, 21, 1529-1539.	1.2	21

#	Article	IF	Citations
19	MRI evaluation of the effects of whole brain radiotherapy on breast cancer brain metastasis. International Journal of Radiation Biology, 2019, 95, 338-346.	1.8	20
20	[⁶⁸Ga]â€HPâ€DO3Aâ€nitroimidazole: a promising agent for PET detection of tumor hypoxia. Contrast Media and Molecular Imaging, 2015, 10, 465-472.	0.8	17
21	Phosphatidylserine-targeted liposome for enhanced glioma-selective imaging. Oncotarget, 2016, 7, 38693-38706.	1.8	15
22	Phosphatidylserine-Targeted Nanotheranostics for Brain Tumor Imaging and Therapeutic Potential. Molecular Imaging, 2017, 16, 153601211770872.	1.4	15
23	Ultrasound Imaging-guided Intracardiac Injection to Develop a Mouse Model of Breast Cancer Brain Metastases Followed by Longitudinal MRI. Journal of Visualized Experiments, 2014, , .	0.3	12
24	Assessment of tumor response to oxygen challenge using quantitative diffusion MRI in an animal model. Journal of Magnetic Resonance Imaging, 2015, 42, 1450-1457.	3.4	11
25	Longitudinal MRI Evaluation of Intracranial Development and Vascular Characteristics of Breast Cancer Brain Metastases in a Mouse Model. PLoS ONE, 2013, 8, e62238.	2.5	11
26	Comprehensive targeting of resistance to inhibition of RTK signaling pathways by using glucocorticoids. Nature Communications, 2021, 12, 7014.	12.8	6
27	Bacteriogenic magnetic nanoparticles as magnetic resonance imaging contrast agents. Translational Cancer Research, 2017, 6, S512-S514.	1.0	5
28	Deep learning quantification of vascular pharmacokinetic parameters in mouse brain tumor models. Frontiers in Bioscience, 2022, 27, 099.	2.1	5
29	Non-degradable contrast agent with selective phagocytosis for cellular and hepatic magnetic resonance imaging. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	3
30	A novel nanoâ€immunotherapeutic remodels the immune landscape of malignant pleural effusion: Insights into its mechanism of action through singleâ€cell RNAâ€sequencing. Clinical and Translational Medicine, 2022, 12, e774.	4.0	2
31	Assessment of tumor response to oxygen challenge using quantitative diffusion MRI in an animal model. Journal of Magnetic Resonance Imaging, 2015, 42, spcone-spcone.	3.4	0
32	NIMG-04. MRI EVALUATION OF THE EFFECT OF WHOLE BRAIN RADIOTHERAPY ON BRAIN METASTASIS. Neuro-Oncology, 2020, 22, ii147-ii147.	1.2	0