

Weiguo Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

786
citations

623734

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552781

26
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31
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31
docs citations

31
times ranked

1551
citing authors

#	ARTICLE	IF	CITATIONS
1	Melanin-Like Nanomaterials for Advanced Biomedical Applications: A Versatile Platform with Extraordinary Promise. <i>Advanced Science</i> , 2020, 7, 1903129.	11.2	113
2	Glioma grading by microvascular permeability parameters derived from dynamic contrast-enhanced MRI and intratumoral susceptibility signal on susceptibility weighted imaging. <i>Cancer Imaging</i> , 2015, 15, 4.	2.8	97
3	Clinical Applications of Contrast-Enhanced Perfusion MRI Techniques in Gliomas: Recent Advances and Current Challenges. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-27.	0.8	78
4	Interfacial engineered gadolinium oxide nanoparticles for magnetic resonance imaging guided microenvironment-mediated synergetic chemodynamic/photothermal therapy. <i>Biomaterials</i> , 2019, 219, 119379.	11.4	66
5	White matter integrity and cognition in mild traumatic brain injury following motor vehicle accident. <i>Brain Research</i> , 2014, 1591, 86-92.	2.2	54
6	Clinical observation of adverse drug reactions to non-ionic iodinated contrast media in population with underlying diseases and risk factors. <i>British Journal of Radiology</i> , 2017, 90, 20160729.	2.2	44
7	Novel Intrapolymerization Doped Manganese-Eumelanin Coordination Nanocomposites with Ultrahigh Relaxivity and Their Application in Tumor Theranostics. <i>Advanced Science</i> , 2018, 5, 1800032.	11.2	43
8	Textural features of dynamic contrast-enhanced MRI derived model-free and model-based parameter maps in glioma grading. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1099-1111.	3.4	43
9	Aberrant glioblastoma neovascularization patterns and their correlation with DCE-MRI-derived parameters following temozolomide and bevacizumab treatment. <i>Scientific Reports</i> , 2017, 7, 13894.	3.3	30
10	Microvascular characteristics of lower-grade diffuse gliomas: investigating vessel size imaging for differentiating grades and subtypes. <i>European Radiology</i> , 2019, 29, 1893-1902.	4.5	29
11	Vascular habitat analysis based on dynamic susceptibility contrast perfusion MRI predicts IDH mutation status and prognosis in high-grade gliomas. <i>European Radiology</i> , 2020, 30, 3254-3265.	4.5	25
12	Emergency trauma care during the outbreak of corona virus disease 2019 (COVID-19) in China. <i>World Journal of Emergency Surgery</i> , 2020, 15, 33.	5.0	23
13	Dual inhibition of PFKFB3 and VEGF normalizes tumor vasculature, reduces lactate production, and improves chemotherapy in glioblastoma: insights from protein expression profiling and MRI. <i>Theranostics</i> , 2020, 10, 7245-7259.	10.0	23
14	Eumelanin-Fe ₃ O ₄ hybrid nanoparticles for enhanced MR/PA imaging-assisted local photothermolysis. <i>Biomaterials Science</i> , 2018, 6, 586-595.	5.4	19
15	Non-invasive monitoring of the kinetic infiltration and therapeutic efficacy of nanoparticle-labeled chimeric antigen receptor T cells in glioblastoma via 7.0-Tesla magnetic resonance imaging. <i>Cytotherapy</i> , 2021, 23, 211-222.	0.7	17
16	Recombinant epidermal growth factor-like domain-1 from coagulation factor VII functionalized iron oxide nanoparticles for targeted glioma magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5099-5108.	6.7	13
17	The effect of preparative solid food status on the occurrence of nausea, vomiting and aspiration symptoms in enhanced CT examination: prospective observational study. <i>British Journal of Radiology</i> , 2018, 91, 20180198.	2.2	13
18	Improving Longitudinal Transversal Relaxation Of Gadolinium Chelate Using Silica Coating Magnetite Nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7879-7889.	6.7	9

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19	Advanced MRI manifestations of trigeminal ganglioneuroma: a case report and literature review. BMC Cancer, 2016, 16, 694.	2.6	7
20	Patient-derived orthotopic xenograft glioma models fail to replicate the magnetic resonance imaging features of the original patient tumor. Oncology Reports, 2020, 43, 1619-1629.	2.6	7
21	Preprocedural fasting for contrast-enhanced CT: when experience meets evidence. Insights Into Imaging, 2021, 12, 180.	3.4	7
22	Quantitative in vivo imaging of tissue factor expression in glioma using dynamic contrast-enhanced MRI derived parameters. European Journal of Radiology, 2017, 93, 236-242.	2.6	6
23	Effects of BMPER, CXCL10, and HOXA9 on Neovascularization During Early-Growth Stage of Primary High-Grade Glioma and Their Corresponding MRI Biomarkers. Frontiers in Oncology, 2020, 10, 711.	2.8	6
24	A new model for the study of secondary intra-abdominal hypertension in rats. Journal of Surgical Research, 2014, 187, 244-251.	1.6	5
25	Dynamic MR imaging for functional vascularization depends on tissue factor signaling in glioblastoma. Cancer Biology and Therapy, 2018, 19, 416-426.	3.4	5
26	Disruption of Prostate Microvasculature by Combining Microbubble-Enhanced Ultrasound and Prothrombin. PLoS ONE, 2016, 11, e0162398.	2.5	4
27	<p>Vessel Size Imaging is Associated with IDH Mutation and Patient Survival in Diffuse Lower-Grade Glioma</p>. Cancer Management and Research, 2020, Volume 12, 9801-9811.	1.9	0
28	Carcinoma of unknown primary detected by whole-body diffusion-weighted imaging: A case report and review of the literature. Radiology Case Reports, 2020, 15, 983-987.	0.6	0
29	Duodenal mucinous cystadenoma. Journal of Gastrointestinal and Liver Diseases, 2020, 29, 301.	0.9	0
30	Primary Leiomyosarcoma of the Spleen. American Journal of Gastroenterology, 2022, 117, 709-709.	0.4	0