Silun Wang

List of Publications by Year
in descending order

23 papers	831 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1358 citing authors

#	Article	IF	Citations
1	MR imaging of high-grade brain tumors using endogenous protein and peptide-based contrast. NeuroImage, 2010, 51, 616-622.	4.2	197
2	Longitudinal Diffusion Tensor Magnetic Resonance Imaging Study of Radiation-Induced White Matter Damage in a Rat Model. Cancer Research, 2009, 69, 1190-1198.	0.9	109
3	MRI of late microstructural and metabolic alterations in radiation‐induced brain injuries. Journal of Magnetic Resonance Imaging, 2009, 29, 1013-1020.	3.4	82
4	Characterization of White Matter Injury in a Hypoxic-Ischemic Neonatal Rat Model by Diffusion Tensor MRI. Stroke, 2008, 39, 2348-2353.	2.0	78
5	Pattern of Arterial Calcification in Patients with Systemic Lupus Erythematosus. Journal of Rheumatology, 2009, 36, 2212-2217.	2.0	45
6	Quantitative multiparametric MRI assessment of glioma response to radiotherapy in a rat model. Neuro-Oncology, 2014, 16, 856-867.	1.2	45
7	Relationship Between Cardiac Valvular and Arterial Calcification in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus. Journal of Rheumatology, 2011, 38, 621-627.	2.0	42
8	Role of Circulating Endothelial Progenitor Cells in Patients with Rheumatoid Arthritis with Coronary Calcification. Journal of Rheumatology, 2010, 37, 529-535.	2.0	36
9	Temporal Evolution of Ischemic Lesions in Nonhuman Primates: A Diffusion and Perfusion MRI Study. PLoS ONE, 2015, 10, e0117290.	2.5	32
10	Diffusion Tensor Magnetic Resonance Imaging of Rat Glioma Models. Journal of Computer Assisted Tomography, 2012, 36, 739-744.	0.9	26
11	Radiation induced brain injury: assessment of white matter tracts in a pre-clinical animal model using diffusion tensor MR imaging. Journal of Neuro-Oncology, 2013, 112, 9-15.	2.9	19
12	Traumatic Brain Injury Results in Dynamic Brain Structure Changes Leading to Acute and Chronic Motor Function Deficits in a Pediatric Piglet Model. Journal of Neurotrauma, 2019, 36, 2930-2942.	3.4	17
13	Dynamic contrast‐enhanced MRI of primary rectal cancer: Quantitative correlation with positron emission tomography/computed tomography. Journal of Magnetic Resonance Imaging, 2011, 33, 340-347.	3.4	16
14	Spatio-temporal assessment of the neuroprotective effects of neuregulin-1 on ischemic stroke lesions using MRI. Journal of the Neurological Sciences, 2015, 357, 28-34.	0.6	16
15	Progressive Assessment of Ischemic Injury to White Matter Using Diffusion Tensor Imaging: A Preliminary Study of a Macaque Model of Stroke. Open Neuroimaging Journal, 2018, 12, 30-41.	0.2	15
16	Combined Use of 18F-FDG PET/CT, DW-MRI, and DCE-MRI in Treatment Response for Preoperative Chemoradiation Therapy in Locally Invasive Rectal Cancers. Clinical Nuclear Medicine, 2013, 38, e226-e229.	1.3	12
17	Longitudinal MRI evaluation of neuroprotective effects of pharmacologically induced hypothermia in experimental ischemic stroke. Magnetic Resonance Imaging, 2017, 40, 24-30.	1.8	8
18	Revealing hemodynamic heterogeneity of gliomas based on signal profile features of dynamic susceptibility contrast-enhanced MRI. NeuroImage: Clinical, 2019, 23, 101864.	2.7	8

#	Article	IF	Citations
19	Deep-Learning-Based Segmentation and Localization of White Matter Hyperintensities on Magnetic Resonance Images. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 438-446.	3.6	8
20	Evaluation of neuregulin-1's neuroprotection against ischemic injury in rats using diffusion tensor imaging. Magnetic Resonance Imaging, 2018, 53, 63-70.	1.8	6
21	Simulating cardiac ultrasound image based on MR diffusion tensor imaging. Medical Physics, 2015, 42, 5144-5156.	3.0	5
22	Genetic engineered molecular imaging probes for applications in cell therapy: emphasis on MRI approach. American Journal of Nuclear Medicine and Molecular Imaging, 2016, 6, 234-261.	1.0	5
23	Hippocampal and Amygdalar Morphological Abnormalities in Alzheimer's Disease Based on Three Chinese MRI Datasets. Current Alzheimer Research, 2021, 17, 1221-1231.	1.4	4