

Silun Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hippocampal and Amygdalar Morphological Abnormalities in Alzheimer's Disease Based on Three Chinese MRI Datasets. <i>Current Alzheimer Research</i> , 2021, 17, 1221-1231.	1.4	4
2	Deep-Learning-Based Segmentation and Localization of White Matter Hyperintensities on Magnetic Resonance Images. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2020, 12, 438-446.	3.6	8
3	Revealing hemodynamic heterogeneity of gliomas based on signal profile features of dynamic susceptibility contrast-enhanced MRI. <i>NeuroImage: Clinical</i> , 2019, 23, 101864.	2.7	8
4	Traumatic Brain Injury Results in Dynamic Brain Structure Changes Leading to Acute and Chronic Motor Function Deficits in a Pediatric Piglet Model. <i>Journal of Neurotrauma</i> , 2019, 36, 2930-2942.	3.4	17
5	Evaluation of neuregulin-1's neuroprotection against ischemic injury in rats using diffusion tensor imaging. <i>Magnetic Resonance Imaging</i> , 2018, 53, 63-70.	1.8	6
6	Progressive Assessment of Ischemic Injury to White Matter Using Diffusion Tensor Imaging: A Preliminary Study of a Macaque Model of Stroke. <i>Open Neuroimaging Journal</i> , 2018, 12, 30-41.	0.2	15
7	Longitudinal MRI evaluation of neuroprotective effects of pharmacologically induced hypothermia in experimental ischemic stroke. <i>Magnetic Resonance Imaging</i> , 2017, 40, 24-30.	1.8	8
8	Genetic engineered molecular imaging probes for applications in cell therapy: emphasis on MRI approach. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 6, 234-261.	1.0	5
9	Simulating cardiac ultrasound image based on MR diffusion tensor imaging. <i>Medical Physics</i> , 2015, 42, 5144-5156.	3.0	5
10	Temporal Evolution of Ischemic Lesions in Nonhuman Primates: A Diffusion and Perfusion MRI Study. <i>PLoS ONE</i> , 2015, 10, e0117290.	2.5	32
11	Spatio-temporal assessment of the neuroprotective effects of neuregulin-1 on ischemic stroke lesions using MRI. <i>Journal of the Neurological Sciences</i> , 2015, 357, 28-34.	0.6	16
12	Quantitative multiparametric MRI assessment of glioma response to radiotherapy in a rat model. <i>Neuro-Oncology</i> , 2014, 16, 856-867.	1.2	45
13	Radiation induced brain injury: assessment of white matter tracts in a pre-clinical animal model using diffusion tensor MR imaging. <i>Journal of Neuro-Oncology</i> , 2013, 112, 9-15.	2.9	19
14	Combined Use of 18F-FDG PET/CT, DW-MRI, and DCE-MRI in Treatment Response for Preoperative Chemoradiation Therapy in Locally Invasive Rectal Cancers. <i>Clinical Nuclear Medicine</i> , 2013, 38, e226-e229.	1.3	12
15	Diffusion Tensor Magnetic Resonance Imaging of Rat Glioma Models. <i>Journal of Computer Assisted Tomography</i> , 2012, 36, 739-744.	0.9	26
16	Relationship Between Cardiac Valvular and Arterial Calcification in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus. <i>Journal of Rheumatology</i> , 2011, 38, 621-627.	2.0	42
17	Dynamic contrast-enhanced MRI of primary rectal cancer: Quantitative correlation with positron emission tomography/computed tomography. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 340-347.	3.4	16
18	Role of Circulating Endothelial Progenitor Cells in Patients with Rheumatoid Arthritis with Coronary Calcification. <i>Journal of Rheumatology</i> , 2010, 37, 529-535.	2.0	36

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19	MR imaging of high-grade brain tumors using endogenous protein and peptide-based contrast. <i>NeuroImage</i> , 2010, 51, 616-622.	4.2	197
20	Longitudinal Diffusion Tensor Magnetic Resonance Imaging Study of Radiation-Induced White Matter Damage in a Rat Model. <i>Cancer Research</i> , 2009, 69, 1190-1198.	0.9	109
21	Pattern of Arterial Calcification in Patients with Systemic Lupus Erythematosus. <i>Journal of Rheumatology</i> , 2009, 36, 2212-2217.	2.0	45
22	MRI of late microstructural and metabolic alterations in radiation-induced brain injuries. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1013-1020.	3.4	82
23	Characterization of White Matter Injury in a Hypoxic-Ischemic Neonatal Rat Model by Diffusion Tensor MRI. <i>Stroke</i> , 2008, 39, 2348-2353.	2.0	78