

Jie Wen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

411
citations

840776

11
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of diffusion kurtosis imaging to the study of edema in solid and peritumoral areas of glioma. <i>Magnetic Resonance Imaging</i> , 2022, 86, 10-16.	1.8	10
2	Tissue damage detected by quantitative gradient echo MRI correlates with clinical progression in non-relapsing progressive MS. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1515-1525.	3.0	2
3	Label-free Covid-19 lesion segmentation based on synthetic healthy lung image subtraction. <i>Medical Physics</i> , 2022, , .	3.0	2
4	Molecular basis for cysteine oxidation by plant cysteine oxidases from <i>Arabidopsis thaliana</i> . <i>Journal of Structural Biology</i> , 2021, 213, 107663.	2.8	7
5	Library-driven approach for fast implementation of the voxel spread function to correct magnetic field inhomogeneity artifacts for gradient-echo sequences. <i>Medical Physics</i> , 2021, 48, 3714-3720.	3.0	1
6	In vivo evaluation of heme and non-heme iron content and neuronal density in human basal ganglia. <i>NeuroImage</i> , 2021, 235, 118012.	4.2	19
7	The Molecular Mechanism of Sex Hormones on Sertoli Cell Development and Proliferation. <i>Frontiers in Endocrinology</i> , 2021, 12, 648141.	3.5	25
8	MeiosisOnline: A Manually Curated Database for Tracking and Predicting Genes Associated With Meiosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673073.	3.7	6
9	An Invertible Dynamic Graph Convolutional Network for Multi-Center ASD Classification. <i>Frontiers in Neuroscience</i> , 2021, 15, 828512.	2.8	4
10	In vivo evolution of biopsy-proven inflammatory demyelination quantified by R2t* mapping. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1055-1060.	3.7	6
11	A Novel Gradient Echo Plural Contrast Imaging Method Detects Brain Tissue Abnormalities in Patients With TBI Without Evident Anatomical Changes on Clinical MRI: A Pilot Study. <i>Military Medicine</i> , 2019, 184, 218-227.	0.8	7
12	Single scan quantitative gradient recalled echo MRI for evaluation of tissue damage in lesions and normal appearing gray and white matter in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 487-498.	3.4	14
13	Intensity ratio to improve black hole assessment in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 19, 140-147.	2.0	11
14	Phase-sensitive B ₁ mapping: Effects of relaxation and RF spoiling. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 101-111.	3.0	4
15	Normalize the response of EPID in pursuit of linear accelerator dosimetry standardization. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 73-85.	1.9	11
16	Genetically defined cellular correlates of the baseline brain MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9727-E9736.	7.1	43
17	Simultaneous multi-angular relaxometry of tissue with MRI (SMART MRI): Theoretical background and proof of concept. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1296-1306.	3.0	6
18	In vivo detection of microstructural correlates of brain pathology in preclinical and early Alzheimer Disease with magnetic resonance imaging. <i>NeuroImage</i> , 2017, 148, 296-304.	4.2	52

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19	Performance of a multi leaf collimator system for MR-guided radiation therapy. Medical Physics, 2017, 44, 6504-6514.	3.0	18
20	Limbic system damage in MS: MRI assessment and correlations with clinical testing. PLoS ONE, 2017, 12, e0187915.	2.5	14
21	On the relationship between cellular and hemodynamic properties of the human brain cortex throughout adult lifespan. NeuroImage, 2016, 133, 417-429.	4.2	27
22	Detection and quantification of regional cortical gray matter damage in multiple sclerosis utilizing gradient echo MRI. NeuroImage: Clinical, 2015, 9, 164-175.	2.7	22
23	On the role of physiological fluctuations in quantitative gradient echo MRI: implications for GEPCI, QSM, and SWI. Magnetic Resonance in Medicine, 2015, 73, 195-203.	3.0	53
24	Subcomponents of brain T2* relaxation in schizophrenia, bipolar disorder and siblings: A Gradient Echo Plural Contrast Imaging (GEPCI) study. Schizophrenia Research, 2015, 169, 36-45.	2.0	10
25	A novel sub-millimeter resolution PET detector with TOF capability. , 2013, , .		3
26	Efficient acquisition of high-resolution 4-D diagonal-suppressed methyl-methyl NOESY for large proteins. Journal of Magnetic Resonance, 2012, 218, 128-132.	2.1	17
27	Sparsely sampled high-resolution 4-D experiments for efficient backbone resonance assignment of disordered proteins. Journal of Magnetic Resonance, 2011, 209, 94-100.	2.1	16