

# 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	On the role of physiological fluctuations in quantitative gradient echo MRI: implications for GEPCI, QSM, and SWI. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 195-203.	3.0	53
2	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
3	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
4	On the relationship between cellular and hemodynamic properties of the human brain cortex throughout adult lifespan. <i>NeuroImage</i> , 2016, 133, 417-429.	4.2	27
5	The Molecular Mechanism of Sex Hormones on Sertoli Cell Development and Proliferation. <i>Frontiers in Endocrinology</i> , 2021, 12, 648141.	3.5	25
6	Detection and quantification of regional cortical gray matter damage in multiple sclerosis utilizing gradient echo MRI. <i>NeuroImage: Clinical</i> , 2015, 9, 164-175.	2.7	22
7	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
8	Performance of a multi leaf collimator system for MR-guided radiation therapy. <i>Medical Physics</i> , 2017, 44, 6504-6514.	3.0	18
9	Efficient acquisition of high-resolution 4-D diagonal-suppressed methyl methyl NOESY for large proteins. <i>Journal of Magnetic Resonance</i> , 2012, 218, 128-132.	2.1	17
10	Sparsely sampled high-resolution 4-D experiments for efficient backbone resonance assignment of disordered proteins. <i>Journal of Magnetic Resonance</i> , 2011, 209, 94-100.	2.1	16
11	Limbic system damage in MS: MRI assessment and correlations with clinical testing. <i>PLoS ONE</i> , 2017, 12, e0187915.	2.5	14
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	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
15	Subcomponents of brain T2* relaxation in schizophrenia, bipolar disorder and siblings: A Gradient Echo Plural Contrast Imaging (GEPCI) study. <i>Schizophrenia Research</i> , 2015, 169, 36-45.	2.0	10
16	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
17	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
18	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

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19	Simultaneous multi-â€œangular 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
20	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
21	In vivo evolution of biopsy-â€œproven inflammatory demyelination quantified by R2t* mapping. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1055-1060.	3.7	6
22	Phase-â€œsensitive B<sub>1</sub> mapping: Effects of relaxation and RF spoiling. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 101-111.	3.0	4
23	An Invertible Dynamic Graph Convolutional Network for Multi-Center ASD Classification. <i>Frontiers in Neuroscience</i> , 2021, 15, 828512.	2.8	4
24	A novel sub-millimeter resolution PET detector with TOF capability. , 2013, , .		3
25	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
26	Label-â€œFree Covid-â€œ19 lesion segmentation based on synthetic healthy lung image subtraction. <i>Medical Physics</i> , 2022, , .	3.0	2
27	Library-â€œdriven approach for fast implementation of the voxel spread function to correct magnetic field inhomogeneity artifacts for gradient-â€œecho sequences. <i>Medical Physics</i> , 2021, 48, 3714-3720.	3.0	1