

Hongjian He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/608744/publications.pdf>

Version: 2024-02-01

47
papers

894
citations

567281

15
h-index

526287

27
g-index

49
all docs

49
docs citations

49
times ranked

1431
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized multi-axis spiral projection \times MR fingerprinting with subspace reconstruction for rapid whole-brain high-resolution quantitative imaging. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 133-150.	3.0	14
2	Towards accurate facial nerve segmentation with decoupling optimization. <i>Physics in Medicine and Biology</i> , 2022, 67, 065007.	3.0	3
3	A deep learning-based multisite neuroimage harmonization framework established with a traveling-subject dataset. <i>NeuroImage</i> , 2022, 257, 119297.	4.2	22
4	MOdel-Based SyntheTic Data-Driven Learning (MOST-DL): Application in Single-Shot T_2 Mapping With Severe Head Motion Using Overlapping-Echo Acquisition. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 3167-3181.	8.9	14
5	Reproducibility of volume and asymmetry measurements of hippocampus, amygdala, and entorhinal cortex on traveling volunteers: a multisite MP2RAGE prospective study. <i>Acta Radiologica</i> , 2021, 62, 1381-1390.	1.1	2
6	Deep learning-based method for reducing residual motion effects in diffusion parameter estimation. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2278-2293.	3.0	7
7	Echo Time Dependency of Local Activity Metrics of Resting-State Functional MRI. <i>Frontiers in Neuroscience</i> , 2021, 15, 619412.	2.8	2
8	Exploring the Relationship between Gray and White Matter in Healthy Adults: A Hybrid Research of Cortical Reconstruction and Tractography. <i>BioMed Research International</i> , 2021, 2021, 1-9.	1.9	3
9	Efficient T_2 mapping with blip-up/down EPI and gSlider SMS (T_2 -BUDA-gSlider). <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2064-2075.	3.0	13
10	Multi-Material Decomposition for Single Energy CT Using Material Sparsity Constraint. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1303-1318.	8.9	8
11	Convolutional neural network optimizes the application of diffusion kurtosis imaging in Parkinson's disease. <i>Brain Informatics</i> , 2021, 8, 18.	3.0	1
12	Improved magnetic resonance myelin water imaging using multi-channel denoising convolutional neural networks (MCDnCNN). <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 12, 0-0.	2.0	2
13	Meta-Learning Based Interactively Connected Clique U-Net for Quantitative Susceptibility Mapping. <i>IEEE Transactions on Computational Imaging</i> , 2021, 7, 1385-1399.	4.4	3
14	Evaluation of the diffusion MRI white matter tract integrity model using myelin histology and Monte-Carlo simulations. <i>NeuroImage</i> , 2020, 223, 117313.	4.2	14
15	A deep learning-based method for improving reliability of multicenter diffusion kurtosis imaging with varied acquisition protocols. <i>Magnetic Resonance Imaging</i> , 2020, 73, 31-44.	1.8	12
16	The association of myelination in the internal capsule with iron deposition in the basal ganglia in macaques: a magnetic resonance imaging study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1526-1539.	2.0	7
17	Interactive effects of gender and sexual orientation on cortical thickness, surface area and gray matter volume: a structural brain MRI study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 835-846.	2.0	9
18	MTE-NODDI: Multi-TE NODDI for disentangling non- T_2 -weighted signal fractions from compartment-specific T_2 relaxation times. <i>NeuroImage</i> , 2020, 217, 116906.	4.2	47

#	ARTICLE	IF	CITATIONS
19	Multicenter dataset of multi-shell diffusion MRI in healthy traveling adults with identical settings. <i>Scientific Data</i> , 2020, 7, 157.	5.3	27
20	Magnetic resonance fingerprinting of temporal lobe white matter in mesial temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1639-1646.	3.7	18
21	Fast and Robust Diffusion Kurtosis Parametric Mapping Using a Three-Dimensional Convolutional Neural Network. <i>IEEE Access</i> , 2019, 7, 71398-71411.	4.2	18
22	Ultrashort echo time magnetic resonance fingerprinting (UTE-MRF) for simultaneous quantification of long and ultrashort T ₂ tissues. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1359-1372.	3.0	11
23	Fast learning of fiber orientation distribution function for MR tractography using convolutional neural network. <i>Medical Physics</i> , 2019, 46, 3101-3116.	3.0	51
24	Fast 3D brain MR fingerprinting based on multi-axis spiral projection trajectory. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 289-301.	3.0	48
25	Reproducibility of multi-shell diffusion tractography on traveling subjects: A multicenter study prospective. <i>Magnetic Resonance Imaging</i> , 2019, 59, 1-9.	1.8	20
26	Nanoporous hollow fibers as a phantom material for the validation of diffusion magnetic resonance imaging. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47617.	2.6	3
27	Rigid motion correction for magnetic resonance fingerprinting with sliding-window reconstruction and image registration. <i>Magnetic Resonance Imaging</i> , 2019, 57, 303-312.	1.8	15
28	WaveCAIPI ViSta: highly accelerated whole-brain direct myelin water imaging with zero-padding reconstruction. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1061-1073.	3.0	10
29	Effect of myelin water exchange on DTI-derived parameters in diffusion MRI: Elucidation of TE dependence. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1650-1660.	3.0	15
30	Intra- and Inter-Scanner Reliability of Voxel-Wise Whole-Brain Analytic Metrics for Resting State fMRI. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 54.	2.5	73
31	Squeezed Trajectory Design for Peak RF and Integrated RF Power Reduction in Parallel Transmission MRI. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1809-1821.	8.9	2
32	Detection of Lesions in Mesial Temporal Lobe Epilepsy by Using MR Fingerprinting. <i>Radiology</i> , 2018, 288, 804-812.	7.3	60
33	Efficient parallel reconstruction for high resolution multishot spiral diffusion data with low rank constraint. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1359-1366.	3.0	37
34	High resolution myelin water imaging incorporating local tissue susceptibility analysis. <i>Magnetic Resonance Imaging</i> , 2017, 42, 107-113.	1.8	17
35	Robust sliding-window reconstruction for Accelerating the acquisition of MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1579-1588.	3.0	61
36	Lie construction affects information storage under high memory load condition. <i>PLoS ONE</i> , 2017, 12, e0181007.	2.5	0

#	ARTICLE	IF	CITATIONS
37	Evaluating the Influence of Spatial Resampling for Motion Correction in Resting-State Functional MRI. <i>Frontiers in Neuroscience</i> , 2016, 10, 591.	2.8	5
38	Simulation of changes in diffusion related to different pathologies at cellular level after traumatic brain injury. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 290-300.	3.0	36
39	Waking-hour cerebral activations in nightmare disorder: A resting-state functional magnetic resonance imaging study. <i>Psychiatry and Clinical Neurosciences</i> , 2016, 70, 573-581.	1.8	18
40	Multimodal MRI characterisation of schizophrenia: a discriminative analysis. <i>Lancet, The</i> , 2016, 388, S36.	13.7	13
41	Rhythm of Silence. <i>Trends in Cognitive Sciences</i> , 2016, 20, 82-84.	7.8	6
42	Reducing Individual Variation for fMRI Studies in Children by Minimizing Template Related Errors. <i>PLoS ONE</i> , 2015, 10, e0134195.	2.5	5
43	Altered Activity and Functional Connectivity of Superior Temporal Gyri in Anxiety Disorders: A Functional Magnetic Resonance Imaging Study. <i>Korean Journal of Radiology</i> , 2014, 15, 523.	3.4	17
44	Intensity and sulci landmark combined brain atlas construction for Chinese pediatric population. <i>Human Brain Mapping</i> , 2014, 35, 3880-3892.	3.6	17
45	Somatotopic reorganization of hand representation in bilateral arm amputees with or without special foot movement skill. <i>Brain Research</i> , 2014, 1546, 9-17.	2.2	18
46	A geometric view of global signal confounds in resting-state functional MRI. <i>NeuroImage</i> , 2012, 59, 2339-2348.	4.2	85
47	Dynamic functional connectivity analysis of Taichong (LR3) acupuncture effects in various brain regions. <i>Neural Regeneration Research</i> , 2012, 7, 451-6.	3.0	5