

Zhe Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

391
citations

687363

13
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794594

19
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21
all docs

21
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21
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	POCS-enhanced inherent correction of motion-induced phase errors (POCS-ICE) for high-resolution multishot diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 169-180.	3.0	40
2	Self-feeding MUSE: A robust method for high resolution diffusion imaging using interleaved EPI. <i>NeuroImage</i> , 2015, 105, 552-560.	4.2	37
3	Improved multi-shot diffusion imaging using GRAPPA with a compact kernel. <i>NeuroImage</i> , 2016, 138, 88-99.	4.2	33
4	Denoise diffusion-weighted images using higher-order singular value decomposition. <i>NeuroImage</i> , 2017, 156, 128-145.	4.2	33
5	Distortion correction of single-shot EPI enabled by deep-learning. <i>NeuroImage</i> , 2020, 221, 117170.	4.2	29
6	Simultaneous multislice accelerated interleaved EPI DWI using generalized blipped-CAIPI acquisition and 3D K-space reconstruction. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1593-1605.	3.0	27
7	Interleaved EPI diffusion imaging using SPIRiT -based reconstruction with virtual coil compression. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1525-1531.	3.0	25
8	Motion-corrected k -space reconstruction for interleaved EPI diffusion imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1992-2002.	3.0	21
9	A comparison of readout segmented EPI and interleaved EPI in high-resolution diffusion weighted imaging. <i>Magnetic Resonance Imaging</i> , 2018, 47, 39-47.	1.8	18
10	Segmentation of gray matter, white matter, and CSF with fluid and white matter suppression using MP2RAGE. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1540-1550.	3.4	16
11	Model-based reconstruction for simultaneous multislice and parallel imaging accelerated multishot diffusion tensor imaging. <i>Medical Physics</i> , 2018, 45, 3196-3204.	3.0	16
12	Cortical Microinfarcts Associated With Worse Outcomes in Patients With Acute Ischemic Stroke Receiving Endovascular Treatment. <i>Stroke</i> , 2020, 51, 2742-2751.	2.0	16
13	Subcortical White Matter Changes with Normal Aging Detected by Multi-Shot High Resolution Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2016, 11, e0157533.	2.5	16
14	The effects of navigator distortion and noise level on interleaved EPI DWI reconstruction: a comparison between image- and k -space-based method. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2024-2032.	3.0	13
15	A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. <i>Spine</i> , 2018, 43, E898-E904.	2.0	12
16	Distortion correction for high-resolution single-shot EPI DTI using a modified field-mapping method. <i>NMR in Biomedicine</i> , 2019, 32, e4124.	2.8	10
17	Multishot cartesian turbo spin-echo diffusion imaging using iterative POCSMUSE Reconstruction. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 167-174.	3.4	9
18	A 3D k -space Fourier encoding and reconstruction framework for simultaneous multi-slab acquisition. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1012-1024.	3.0	7

#	ARTICLE	IF	CITATIONS
19	Dual-TRACER: High resolution fMRI with constrained evolution reconstruction. NeuroImage, 2018, 164, 172-182.	4.2	6
20	Intraluminal Thrombus and Outcomes of Patients With Acute Large Vessel Occlusive Stroke Undergoing Endovascular Treatment. Stroke, 2021, 52, 1473-1477.	2.0	4
21	Improved motion correction in PROPELLER by using grouped blades as reference. Journal of Magnetic Resonance Imaging, 2014, 39, 700-707.	3.4	3