

Mark Chiew

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

536
citations

840776

11
h-index

713466

21
g-index

39
all docs

39
docs citations

39
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty in denoising of MRSI using low-rank methods. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 574-588.	3.0	12
2	Model-based dynamic off-resonance correction for improved accelerated fMRI in awake behaving nonhuman primates. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2922-2932.	3.0	4
3	Characteristics of articulatory gestures in stuttered speech: A case study using real-time magnetic resonance imaging. <i>Journal of Communication Disorders</i> , 2022, 97, 106213.	1.5	2
4	Ultrahigh Resolution fMRI at 7T Using Radial-Cartesian TURBINE Sampling. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 2058-2073.	3.0	5
5	High-resolution metabolic mapping of the cerebellum using 2D zoom magnetic resonance spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2349-2358.	3.0	4
6	Accelerated calibrationless parallel transmit mapping using joint transmit and receive low-rank tensor completion. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2454-2467.	3.0	6
7	Speech Movement Variability in People Who Stutter: A Vocal Tract Magnetic Resonance Imaging Study. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 2438-2452.	1.6	12
8	Subspace-constrained approaches to low-rank fMRI acceleration. <i>NeuroImage</i> , 2021, 238, 118235.	4.2	5
9	Highly accelerated vessel-selective arterial spin labeling angiography using sparsity and smoothness constraints. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 892-905.	3.0	9
10	Methods for quantitative susceptibility and R2* mapping in whole post-mortem brains at 7T applied to amyotrophic lateral sclerosis. <i>NeuroImage</i> , 2020, 222, 117216.	4.2	37
11	Volume-localized measurement of oxygen extraction fraction in the brain using MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1412-1423.	3.0	6
12	Improved statistical efficiency of simultaneous multi-slice fMRI by reconstruction with spatially adaptive temporal smoothing. <i>NeuroImage</i> , 2019, 203, 116165.	4.2	5
13	Auditory and pain processing is severely disrupted at slow wave activity saturation under general anaesthesia. <i>British Journal of Anaesthesia</i> , 2019, 123, e514.	3.4	0
14	Recovering task fMRI signals from highly under-sampled data with low-rank and temporal subspace constraints. <i>NeuroImage</i> , 2018, 174, 97-110.	4.2	15
15	Density-weighted concentric rings k-space trajectory for 1H magnetic resonance spectroscopic imaging at 7T. <i>NMR in Biomedicine</i> , 2018, 31, e3838.	2.8	37
16	Metabolite-cycled density-weighted concentric rings k-space trajectory (DW-CRT) enables high-resolution 1H magnetic resonance spectroscopic imaging at 3-Tesla. <i>Scientific Reports</i> , 2018, 8, 7792.	3.3	28
17	Non-water-suppressed short-echo-time magnetic resonance spectroscopic imaging using a concentric ring k-space trajectory. <i>NMR in Biomedicine</i> , 2017, 30, e3714.	2.8	33
18	PEAR: PERiodic And fixed Rank separation for fast fMRI. <i>Medical Physics</i> , 2017, 44, 6166-6182.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Motion correction for functional MRI with three-dimensional hybrid radial-Cartesian EPI. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 527-540.	3.0	28
20	Accelerating functional MRI using fixed-rank approximations and radial-Cartesian sampling. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1825-1836.	3.0	29
21	FASTER: Acceleration of functional MRI data acquisition using low rank constraints. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 353-364.	3.0	58
22	Real-time correction by optical tracking with integrated geometric distortion correction for reducing motion artifacts in functional MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 734-748.	3.0	22
23	Constrained source space imaging: Application to fast, region-based functional MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1058-1069.	3.0	2
24	Investigation of fMRI neurofeedback of differential primary motor cortex activity using kinesthetic motor imagery. <i>NeuroImage</i> , 2012, 61, 21-31.	4.2	102
25	BOLD Contrast and Noise Characteristics of Densely Sampled Multi-Echo fMRI Data. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1691-1703.	8.9	6
26	Multiecho coarse voxel acquisition for neurofeedback fMRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 715-724.	3.0	5
27	Spin-history artifact during functional MRI: Potential for adaptive correction. <i>Medical Physics</i> , 2011, 38, 4634-4646.	3.0	45