Mark Chiew

List of Publications by Year
in descending order

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	Investigation of fMRI neurofeedback of differential primary motor cortex activity using kinesthetic motor imagery. NeuroImage, 2012, 61, 21-31.	4.2	102
2	kâ€t FASTER: Acceleration of functional MRI data acquisition using low rank constraints. Magnetic Resonance in Medicine, 2015, 74, 353-364.	3.0	58
3	Spinâ€history artifact during functional MRI: Potential for adaptive correction. Medical Physics, 2011, 38, 4634-4646.	3.0	45
4	Densityâ€weighted concentric rings kâ€space trajectory for ^{1}H magnetic resonance spectroscopic imaging at 7ÂT. NMR in Biomedicine, 2018, 31, e3838.	2.8	37
5	Methods for quantitative susceptibility and R2* mapping in whole post-mortem brains at 7T applied to amyotrophic lateral sclerosis. NeuroImage, 2020, 222, 117216.	4.2	37
6	Nonâ€waterâ€suppressed shortâ€echoâ€time magnetic resonance spectroscopic imaging using a concentric ring kâ€space trajectory. NMR in Biomedicine, 2017, 30, e3714.	2.8	33
7	Accelerating functional MRI using fixedâ€rank approximations and radialâ€cartesian sampling. Magnetic Resonance in Medicine, 2016, 76, 1825-1836.	3.0	29
8	Motion correction for functional MRI with three-dimensional hybrid radial-Cartesian EPI. Magnetic Resonance in Medicine, 2017, 78, 527-540.	3.0	28
9	Metabolite-cycled density-weighted concentric rings k-space trajectory (DW-CRT) enables high-resolution 1â€‰H magnetic resonance spectroscopic imaging at 3-Tesla. Scientific Reports, 2018, 8, 7792.	3.3	28
10	Realâ€time correction by optical tracking with integrated geometric distortion correction for reducing motion artifacts in functional MRI. Magnetic Resonance in Medicine, 2013, 69, 734-748.	3.0	22
11	Recovering task fMRI signals from highly under-sampled data with low-rank and temporal subspace constraints. NeuroImage, 2018, 174, 97-110.	4.2	15
12	Speech Movement Variability in People Who Stutter: A Vocal Tract Magnetic Resonance Imaging Study. Journal of Speech, Language, and Hearing Research, 2021, 64, 2438-2452.	1.6	12
13	Uncertainty in denoising of MRSI using lowâ€rank methods. Magnetic Resonance in Medicine, 2022, 87, 574-588.	3.0	12
14	PEAR: PEriodic And fixed Rank separation for fast fMRI. Medical Physics, 2017, 44, 6166-6182.	3.0	11
15	Highly accelerated vesselâ€selective arterial spin labeling angiography using sparsity and smoothness constraints. Magnetic Resonance in Medicine, 2020, 83, 892-905.	3.0	9
16	BOLD Contrast and Noise Characteristics of Densely Sampled Multi-Echo fMRI Data. IEEE Transactions on Medical Imaging, 2011, 30, 1691-1703.	8.9	6
17	Volumeâ€localized measurement of oxygen extraction fraction in the brain using MRI. Magnetic Resonance in Medicine, 2019, 82, 1412-1423.	3.0	6
18	Accelerated calibrationless parallel transmit mapping using joint transmit and receive lowâ€rank tensor completion. Magnetic Resonance in Medicine, 2021, 86, 2454-2467.	3.0	6

#	Article	IF	Citations
19	Multiecho coarse voxel acquisition for neurofeedback fMRI. Magnetic Resonance in Medicine, 2011, 65, 715-724.	3.0	5
20	Improved statistical efficiency of simultaneous multi-slice fMRI by reconstruction with spatially adaptive temporal smoothing. NeuroImage, 2019, 203, 116165.	4.2	5
21	Subspace-constrained approaches to low-rank fMRI acceleration. NeuroImage, 2021, 238, 118235.	4.2	5
22	<scp>Ultrahigh</scp> Resolution <scp>fMRI</scp> at <scp>7T</scp> Using <scp>Radialâ€Cartesian TURBINE</scp> Sampling. Magnetic Resonance in Medicine, 2022, 88, 2058-2073.	3.0	5
23	Highâ€resolution metabolic mapping of the cerebellum using 2D zoom magnetic resonance spectroscopic imaging. Magnetic Resonance in Medicine, 2021, 85, 2349-2358.	3.0	4
24	Modelâ€based dynamic offâ€resonance correction for improved accelerated fMRI in awake behaving nonhuman primates. Magnetic Resonance in Medicine, 2022, 87, 2922-2932.	3.0	4
25	Constrained source space imaging: Application to fast, regionâ€based functional MRI. Magnetic Resonance in Medicine, 2013, 70, 1058-1069.	3.0	2
26	Characteristics of articulatory gestures in stuttered speech: A case study using real-time magnetic resonance imaging. Journal of Communication Disorders, 2022, 97, 106213.	1.5	2
27	Auditory and pain processing is severely disrupted at slow wave activity saturation under general anaesthesia. British Journal of Anaesthesia, 2019, 123, e514.	3.4	0