Hesamoddin Jahanian

List of Publications by Year
in descending order

| 15 papers | 510 citations | 840776
11 h-index | 996975
15 g-index |
|---|---|---|---|
| 15 all docs | 15 docs citations | 15 times ranked | 1104 citing authors |

#	Article	IF	Citations
1	Comparison of cerebral blood flow measurement with [^{15}O]-water positron emission tomography and arterial spin labeling magnetic resonance imaging: A systematic review. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 842-861.	4.3	125
2	Noncontrast mapping of arterial delay and functional connectivity using resting‐state functional MRI: A study in Moyamoya patients. Journal of Magnetic Resonance Imaging, 2015, 41, 424-430.	3.4	88
3	B_0 field inhomogeneity considerations in pseudo‐continuous arterial spin labeling (pCASL): effects on tagging efficiency and correction strategy. NMR in Biomedicine, 2011, 24, 1202-1209.	2.8	58
4	Measuring vascular reactivity with resting-state blood oxygenation level-dependent (BOLD) signal fluctuations: A potential alternative to the breath-holding challenge?. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2526-2538.	4.3	48
5	Nuisance Regression of High-Frequency Functional Magnetic Resonance Imaging Data: Denoising Can Be Noisy. Brain Connectivity, 2017, 7, 13-24.	1.7	31
6	Spontaneous BOLD Signal Fluctuations in Young Healthy Subjects and Elderly Patients with Chronic Kidney Disease. PLoS ONE, 2014, 9, e92539.	2.5	31
7	Quantitative analysis of arterial spin labeling FMRI data using a general linear model. Magnetic Resonance Imaging, 2010, 28, 919-927.	1.8	26
8	Advantages of short repetition time resting-state functional MRI enabled by simultaneous multi-slice imaging. Journal of Neuroscience Methods, 2019, 311, 122-132.	2.5	25
9	Erroneous Resting-State fMRI Connectivity Maps Due to Prolonged Arterial Arrival Time and How to Fix Them. Brain Connectivity, 2018, 8, 362-370.	1.7	19
10	Controlling the false positive rate in fuzzy clustering using randomization: application to fMRI activation detection. Magnetic Resonance Imaging, 2004, 22, 631-638.	1.8	15
11	Arterial cerebral blood volume-weighted functional MRI using pseudocontinuous arterial spin tagging (AVAST). Magnetic Resonance in Medicine, 2015, 73, 1053-1064.	3.0	13
12	Real‐time functional MRI using pseudo‐continuous arterial spin labeling. Magnetic Resonance in Medicine, 2011, 65, 1570-1577.	3.0	11
13	Support vector machine classification of arterial volume‐weighted arterial spin tagging images. Brain and Behavior, 2016, 6, e00549.	2.2	11
14	A MRI-Based Toolbox for Neurosurgical Planning in Nonhuman Primates. Journal of Visualized Experiments, 2020, , .	0.3	8
15	Functional magnetic resonance imaging activation detection: Fuzzy cluster analysis in wavelet and multiwavelet domains. Journal of Magnetic Resonance Imaging, 2005, 22, 381-389.	3.4	1