Russell Dibb

List of Publications by Year
in descending order

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15 papers	749 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1037 citing authors

#	Article	IF	Citations
1	Imaging microstructure with diffusion and susceptibility MR: neuronal density correlation in Disruptedâ€inâ€Schizophreniaâ€1 mutant mice. NMR in Biomedicine, 2020, 33, e4365.	2.8	11
2	Probing demyelination and remyelination of the cuprizone mouse model using multimodality MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 1852-1865.	3.4	21
3	Multivariate MR biomarkers better predict cognitive dysfunction in mouse models of Alzheimer's disease. Magnetic Resonance Imaging, 2019, 60, 52-67.	1.8	16
4	Imaging beta amyloid aggregation and iron accumulation in Alzheimer's disease using quantitative susceptibility mapping MRI. NeuroImage, 2019, 191, 176-185.	4.2	122
5	Whole mouse brain structural connectomics using magnetic resonance histology. Brain Structure and Function, 2018, 223, 4323-4335.	2.3	60
6	Magnetic susceptibility anisotropy outside the central nervous system. NMR in Biomedicine, 2017, 30, e3544.	2.8	22
7	Investigating magnetic susceptibility of human knee joint at 7 Tesla. Magnetic Resonance in Medicine, 2017, 78, 1933-1943.	3.0	54
8	Differential microstructural and morphological abnormalities in mild cognitive impairment and <scp>A</scp>lzheimer's disease: Evidence from cortical and deep gray matter. Human Brain Mapping, 2017, 38, 2495-2508.	3.6	54
9	Joint eigenvector estimation from mutually anisotropic tensors improves susceptibility tensor imaging of the brain, kidney, and heart. Magnetic Resonance in Medicine, 2017, 77, 2331-2346.	3.0	13
10	Imaging whole-brain cytoarchitecture of mouse with MRI-based quantitative susceptibility mapping. NeuroImage, 2016, 137, 107-115.	4.2	43
11	Rapid multi-orientation quantitative susceptibility mapping. NeuroImage, 2016, 125, 1131-1141.	4.2	52
12	Magnetic susceptibility anisotropy of myocardium imaged by cardiovascular magnetic resonance reflects the anisotropy of myocardial filament Î±-helix polypeptide bonds. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 60.	3.3	37
13	Susceptibility tensor imaging of the kidney and its microstructural underpinnings. Magnetic Resonance in Medicine, 2015, 73, 1270-1281.	3.0	50
14	Streaking artifact reduction for quantitative susceptibility mapping of sources with large dynamic range. NMR in Biomedicine, 2015, 28, 1294-1303.	2.8	175
15	Microstructural origins of gadoliniumâ€enhanced susceptibility contrast and anisotropy. Magnetic Resonance in Medicine, 2014, 72, 1702-1711.	3.0	19