

# Russell Dibb

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12167208/publications.pdf>

Version: 2024-02-01

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