Rafael Neto Henriques

List of Publications by Year
in descending order

18	1,456	759233 12	839539 18
papers	citations	h-index	g-index

24	24	24	2128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dipy, a library for the analysis of diffusion MRI data. Frontiers in Neuroinformatics, 2014, 8, 8.	2.5	891
2	Sustainable computational science: the ReScience initiative. PeerJ Computer Science, 2017, 3, e142.	4.5	86
3	Microscopic anisotropy misestimation in sphericalâ€mean single diffusion encoding MRI. Magnetic Resonance in Medicine, 2019, 81, 3245-3261.	3.0	63
4	Correlation tensor magnetic resonance imaging. NeuroImage, 2020, 211, 116605.	4.2	56
5	Age-related delay in visual and auditory evoked responses is mediated by white- and grey-matter differences. Nature Communications, 2017, 8, 15671.	12.8	53
6	Exploring the 3D geometry of the diffusion kurtosis tensorâ€”Impact on the development of robust tractography procedures and novel biomarkers. NeuroImage, 2015, 111, 85-99.	4.2	45
7	Applying microstructural models to understand the role of white matter in cognitive development. Developmental Cognitive Neuroscience, 2019, 36, 100624.	4.0	37
8	Diffusional Kurtosis Imaging in the Diffusion Imaging in Python Project. Frontiers in Human Neuroscience, 2021, 15, 675433.	2.0	34
9	Freeâ€water DTI estimates from single bâ€value data might seem plausible but must be interpreted with care. Magnetic Resonance in Medicine, 2021, 85, 2537-2551.	3.0	30
10	Double diffusion encoding and applications for biomedical imaging. Journal of Neuroscience Methods, 2021, 348, 108989.	2.5	27
11	Toward more robust and reproducible diffusion kurtosis imaging. Magnetic Resonance in Medicine, 2021, 86, 1600-1613.	3.0	25
12	A Comparison of Methods for Decoupling Tongue and Lower Lip From Jaw Movements in 3D Articulography. Journal of Speech, Language, and Hearing Research, 2013, 56, 1503-1516.	1.6	21
13	Correlation Tensor MRI deciphers underlying kurtosis sources in stroke. NeuroImage, 2022, 247, 118833.	4.2	15
14	Fast and accurate initialization of the freeâ€water imaging model parameters from multiâ€shell diffusion MRI. NMR in Biomedicine, 2020, 33, e4219.	2.8	14
15	Evidence for microscopic kurtosis in neural tissue revealed by correlation tensor MRI. Magnetic Resonance in Medicine, 2021, 86, 3111-3130.	3.0	13
16	Validation and noise robustness assessment of microscopic anisotropy estimation with clinically feasible double diffusion encoding MRI. Magnetic Resonance in Medicine, 2020, 83, 1698-1710.	3.0	12
17	In vivo Correlation Tensor MRI reveals microscopic kurtosis in the human brain on a clinical 3T scanner. NeuroImage, 2022, 254, 119137.	4.2	11
18	High-Resolution 3D in vivo Brain Diffusion Tensor Imaging at Ultrahigh Fields: Following Maturation on Juvenile and Adult Mice. Frontiers in Neuroscience, 2020, 14, 590900.	2.8	8