Rafael Neto Henriques

List of Publications by Year
in descending order

18 papers	1,456 citations	758635 12 h-index	839053 18 g-index
24 all docs	24 docs citations	24 times ranked	2128 citing authors

#	Article	IF	Citations
1	Correlation Tensor MRI deciphers underlying kurtosis sources in stroke. NeuroImage, 2022, 247, 118833.	2.1	15
2	In vivo Correlation Tensor MRI reveals microscopic kurtosis in the human brain on a clinical 3T scanner. NeuroImage, 2022, 254, 119137.	2.1	11
3	Double diffusion encoding and applications for biomedical imaging. Journal of Neuroscience Methods, 2021, 348, 108989.	1.3	27
4	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.	1.9	30
5	Toward more robust and reproducible diffusion kurtosis imaging. Magnetic Resonance in Medicine, 2021, 86, 1600-1613.	1.9	25
6	Evidence for microscopic kurtosis in neural tissue revealed by correlation tensor MRI. Magnetic Resonance in Medicine, 2021, 86, 3111-3130.	1.9	13
7	Diffusional Kurtosis Imaging in the Diffusion Imaging in Python Project. Frontiers in Human Neuroscience, 2021, 15, 675433.	1.0	34
8	Validation and noise robustness assessment of microscopic anisotropy estimation with clinically feasible double diffusion encoding MRI. Magnetic Resonance in Medicine, 2020, 83, 1698-1710.	1.9	12
9	Fast and accurate initialization of the freeâ€water imaging model parameters from multiâ€shell diffusion MRI. NMR in Biomedicine, 2020, 33, e4219.	1.6	14
10	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.	1.4	8
11	Correlation tensor magnetic resonance imaging. NeuroImage, 2020, 211, 116605.	2.1	56
12	Applying microstructural models to understand the role of white matter in cognitive development. Developmental Cognitive Neuroscience, 2019, 36, 100624.	1.9	37
13	Microscopic anisotropy misestimation in sphericalâ€mean single diffusion encoding MRI. Magnetic Resonance in Medicine, 2019, 81, 3245-3261.	1.9	63
14	Age-related delay in visual and auditory evoked responses is mediated by white- and grey-matter differences. Nature Communications, 2017, 8, 15671.	5.8	53
15	Sustainable computational science: the ReScience initiative. PeerJ Computer Science, 2017, 3, e142.	2.7	86
16	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.	2.1	45
17	Dipy, a library for the analysis of diffusion MRI data. Frontiers in Neuroinformatics, 2014, 8, 8.	1.3	891
18	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.	0.7	21