

Rafael Neto Henriques

List of Publications by Year in descending order

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Version: 2024-02-01

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	Dipy, a library for the analysis of diffusion MRI data. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 8.	1.3	891
2	Sustainable computational science: the ReScience initiative. <i>PeerJ Computer Science</i> , 2017, 3, e142.	2.7	86
3	Microscopic anisotropy misestimation in spherical-mean single diffusion encoding MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3245-3261.	1.9	63
4	Correlation tensor magnetic resonance imaging. <i>NeuroImage</i> , 2020, 211, 116605.	2.1	56
5	Age-related delay in visual and auditory evoked responses is mediated by white- and grey-matter differences. <i>Nature Communications</i> , 2017, 8, 15671.	5.8	53
6	Exploring the 3D geometry of the diffusion kurtosis tensor—Impact on the development of robust tractography procedures and novel biomarkers. <i>NeuroImage</i> , 2015, 111, 85-99.	2.1	45
7	Applying microstructural models to understand the role of white matter in cognitive development. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100624.	1.9	37
8	Diffusional Kurtosis Imaging in the Diffusion Imaging in Python Project. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 675433.	1.0	34
9	Free-water DTI estimates from single b-value data might seem plausible but must be interpreted with care. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2537-2551.	1.9	30
10	Double diffusion encoding and applications for biomedical imaging. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108989.	1.3	27
11	Toward more robust and reproducible diffusion kurtosis imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1600-1613.	1.9	25
12	A Comparison of Methods for Decoupling Tongue and Lower Lip From Jaw Movements in 3D Articulography. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1503-1516.	0.7	21
13	Correlation Tensor MRI deciphers underlying kurtosis sources in stroke. <i>NeuroImage</i> , 2022, 247, 118833.	2.1	15
14	Fast and accurate initialization of the free-water imaging model parameters from multi-shell diffusion MRI. <i>NMR in Biomedicine</i> , 2020, 33, e4219.	1.6	14
15	Evidence for microscopic kurtosis in neural tissue revealed by correlation tensor MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3111-3130.	1.9	13
16	Validation and noise robustness assessment of microscopic anisotropy estimation with clinically feasible double diffusion encoding MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1698-1710.	1.9	12
17	In vivo Correlation Tensor MRI reveals microscopic kurtosis in the human brain on a clinical 3T scanner. <i>NeuroImage</i> , 2022, 254, 119137.	2.1	11
18	High-Resolution 3D in vivo Brain Diffusion Tensor Imaging at Ultrahigh Fields: Following Maturation on Juvenile and Adult Mice. <i>Frontiers in Neuroscience</i> , 2020, 14, 590900.	1.4	8