Yurui Gao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4473516/publications.pdf

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26	918	687363 13	794594 19
papers	citations	h-index	g-index

30	30	30	1298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of synchronous brain activity in white matter tracts at rest and under functional loading. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 595-600.	7.1	170
2	Histological validation of diffusion MRI fiber orientation distributions and dispersion. NeuroImage, 2018, 165, 200-221.	4.2	156
3	Functional MRI and resting state connectivity in white matter - a mini-review. Magnetic Resonance Imaging, 2019, 63, 1-11.	1.8	104
4	Comparison of 3D orientation distribution functions measured with confocal microscopy and diffusion MRI. NeuroImage, 2016, 129, 185-197.	4.2	85
5	Validation of DTI Tractography-Based Measures of Primary Motor Area Connectivity in the Squirrel Monkey Brain. PLoS ONE, 2013, 8, e75065.	2.5	46
6	Vanderbilt University Institute of Imaging Science Center for Computational Imaging XNAT: A multimodal data archive and processing environment. NeuroImage, 2016, 124, 1097-1101.	4.2	38
7	Functional engagement of white matter in resting-state brain networks. NeuroImage, 2020, 220, 117096.	4.2	38
8	Anatomical accuracy of standard-practice tractography algorithms in the motor system - A histological validation in the squirrel monkey brain. Magnetic Resonance Imaging, 2019, 55, 7-25.	1.8	36
9	Functional connectivity of white matter as a biomarker of cognitive decline in Alzheimerâ€™s disease. PLoS ONE, 2020, 15, e0240513.	2.5	33
10	Deep learning reveals untapped information for local white-matter fiber reconstruction in diffusion-weighted MRI. Magnetic Resonance Imaging, 2019, 62, 220-227.	1.8	27
11	Resting-state white matter-cortical connectivity in non-human primate brain. NeuroImage, 2019, 184, 45-55.	4.2	26
12	Reproducibility and variation of diffusion measures in the squirrel monkey brain, in vivo and ex vivo. Magnetic Resonance Imaging, 2017, 35, 29-38.	1.8	22
13	Functional tractography of white matter by high angular resolution functionalâ€correlation imaging (HARFI). Magnetic Resonance in Medicine, 2019, 81, 2011-2024.	3.0	21
14	Lower functional connectivity of white matter during rest and working memory tasks is associated with cognitive impairments in schizophrenia. Schizophrenia Research, 2021, 233, 101-110.	2.0	17
15	Power spectra reveal distinct BOLD resting-state time courses in white matter. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
16	Integration of XNAT/PACS, DICOM, and research software for automated multi-modal image analysis. , 2013, 8674, .		15
17	Tests of cortical parcellation based on white matter connectivity using diffusion tensor imaging. NeuroImage, 2018, 170, 321-331.	4.2	13
18	A brain MRI atlas of the common squirrel monkey,Saimiri sciureus. , 2014, 9038, 90380C.		12

#	Article	IF	Citations
19	A 3D high resolution ex vivo white matter atlas of the common squirrel monkey (saimiri sciureus) based on diffusion tensor imaging. , 2016, 9784, .		10
20	Enabling Multi-shell b-Value Generalizability of Data-Driven Diffusion Models with Deep SHORE. Lecture Notes in Computer Science, 2019, 11766, 573-581.	1.3	5
21	Harmonizing 1.5T/3T diffusion weighted MRI through development of deep learning stabilized microarchitecture estimators. , 2019, 10949, .		5
22	Integrating histology and MRI in the first digital brain of common squirrel monkey, Saimiri sciureus. , 2015, 9417, .		4
23	Dynamic variations of resting-state BOLD signal spectra in white matter. NeuroImage, 2022, 250, 118972.	4.2	4
24	Detection of functional activity in brain white matter using fiber architecture informed synchrony mapping. NeuroImage, 2022, 258, 119399.	4.2	3
25	Progressive degeneration of white matter functional connectivity in Alzheimerâ€™s disease. , 2019, , .		2
26	Tests of clustering thalamic nuclei based on various dMRI models in the squirrel monkey brain. , 2018, 10578, .		0