

# Yurui Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

918  
citations

687363

13  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic variations of resting-state BOLD signal spectra in white matter. <i>NeuroImage</i> , 2022, 250, 118972.	4.2	4
2	Detection of functional activity in brain white matter using fiber architecture informed synchrony mapping. <i>NeuroImage</i> , 2022, 258, 119399.	4.2	3
3	Lower functional connectivity of white matter during rest and working memory tasks is associated with cognitive impairments in schizophrenia. <i>Schizophrenia Research</i> , 2021, 233, 101-110.	2.0	17
4	Power spectra reveal distinct BOLD resting-state time courses in white matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
5	Functional engagement of white matter in resting-state brain networks. <i>NeuroImage</i> , 2020, 220, 117096.	4.2	38
6	Functional connectivity of white matter as a biomarker of cognitive decline in Alzheimer's disease. <i>PLoS ONE</i> , 2020, 15, e0240513.	2.5	33
7	Deep learning reveals untapped information for local white-matter fiber reconstruction in diffusion-weighted MRI. <i>Magnetic Resonance Imaging</i> , 2019, 62, 220-227.	1.8	27
8	Functional MRI and resting state connectivity in white matter - a mini-review. <i>Magnetic Resonance Imaging</i> , 2019, 63, 1-11.	1.8	104
9	Functional tractography of white matter by high angular resolution functional correlation imaging (HARFI). <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2011-2024.	3.0	21
10	Resting-state white matter-cortical connectivity in non-human primate brain. <i>NeuroImage</i> , 2019, 184, 45-55.	4.2	26
11	Anatomical accuracy of standard-practice tractography algorithms in the motor system - A histological validation in the squirrel monkey brain. <i>Magnetic Resonance Imaging</i> , 2019, 55, 7-25.	1.8	36
12	Enabling Multi-shell b-Value Generalizability of Data-Driven Diffusion Models with Deep SHORE. <i>Lecture Notes in Computer Science</i> , 2019, 11766, 573-581.	1.3	5
13	Progressive degeneration of white matter functional connectivity in Alzheimer's disease. , 2019, , .		2
14	Harmonizing 1.5T/3T diffusion weighted MRI through development of deep learning stabilized microarchitecture estimators. , 2019, 10949, .		5
15	Detection of synchronous brain activity in white matter tracts at rest and under functional loading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 595-600.	7.1	170
16	Tests of cortical parcellation based on white matter connectivity using diffusion tensor imaging. <i>NeuroImage</i> , 2018, 170, 321-331.	4.2	13
17	Histological validation of diffusion MRI fiber orientation distributions and dispersion. <i>NeuroImage</i> , 2018, 165, 200-221.	4.2	156
18	Tests of clustering thalamic nuclei based on various dMRI models in the squirrel monkey brain. , 2018, 10578, .		0

#	ARTICLE	IF	CITATIONS
19	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
20	A 3D high resolution ex vivo white matter atlas of the common squirrel monkey (saimiri sciureus) based on diffusion tensor imaging. , 2016, 9784, .		10
21	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
22	Comparison of 3D orientation distribution functions measured with confocal microscopy and diffusion MRI. NeuroImage, 2016, 129, 185-197.	4.2	85
23	Integrating histology and MRI in the first digital brain of common squirrel monkey, Saimiri sciureus. , 2015, 9417, .		4
24	A brain MRI atlas of the common squirrel monkey, Saimiri sciureus. , 2014, 9038, 90380C.		12
25	Integration of XNAT/PACS, DICOM, and research software for automated multi-modal image analysis. , 2013, 8674, .		15
26	Validation of DTI Tractography-Based Measures of Primary Motor Area Connectivity in the Squirrel Monkey Brain. PLoS ONE, 2013, 8, e75065.	2.5	46