

Oscar Esteban

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1646182/publications.pdf>

Version: 2024-02-01

28
papers

4,234
citations

840119

11
h-index

610482

24
g-index

61
all docs

61
docs citations

61
times ranked

6176
citing authors

#	ARTICLE	IF	CITATIONS
1	fMRIPrep: a robust preprocessing pipeline for functional MRI. <i>Nature Methods</i> , 2019, 16, 111-116.	9.0	1,830
2	The challenge of mapping the human connectome based on diffusion tractography. <i>Nature Communications</i> , 2017, 8, 1349.	5.8	956
3	MRIQC: Advancing the automatic prediction of image quality in MRI from unseen sites. <i>PLoS ONE</i> , 2017, 12, e0184661.	1.1	538
4	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. <i>PLoS Computational Biology</i> , 2017, 13, e1005209.	1.5	218
5	The OpenNeuro resource for sharing of neuroscience data. <i>ELife</i> , 2021, 10, .	2.8	137
6	Analysis of task-based functional MRI data preprocessed with fMRIPrep. <i>Nature Protocols</i> , 2020, 15, 2186-2202.	5.5	78
7	Crowdsourced MRI quality metrics and expert quality annotations for training of humans and machines. <i>Scientific Data</i> , 2019, 6, 30.	2.4	43
8	PyBIDS: Python tools for BIDS datasets. <i>Journal of Open Source Software</i> , 2019, 4, 1294.	2.0	32
9	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
10	FocusDET, A New Toolbox for SISCOM Analysis. Evaluation of the Registration Accuracy Using Monte Carlo Simulation. <i>Neuroinformatics</i> , 2013, 11, 77-89.	1.5	22
11	Centering inclusivity in the design of online conferences—An OHBM—Open Science perspective. <i>GigaScience</i> , 2021, 10, .	3.3	14
12	A data resource from concurrent intracranial stimulation and functional MRI of the human brain. <i>Scientific Data</i> , 2020, 7, 258.	2.4	13
13	ASLPrep: a platform for processing of arterial spin labeled MRI and quantification of regional brain perfusion. <i>Nature Methods</i> , 2022, 19, 683-686.	9.0	13
14	Including Anatomical and Functional Information in MC Simulation of PET and SPECT Brain Studies. Brain-UISET: A Voxel-Based Iterative Method. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1931-1938.	5.4	12
15	Surface-driven registration method for the structure-informed segmentation of diffusion MR images. <i>NeuroImage</i> , 2016, 139, 450-461.	2.1	12
16	Simulation-based evaluation of susceptibility distortion correction methods in diffusion MRI for connectivity analysis. , 2014, , .		9
17	Age-Specific Adult Rat Brain MRI Templates and Tissue Probability Maps. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 669049.	1.3	5
18	MBIS: Multivariate Bayesian Image Segmentation tool. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 115, 76-94.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Launcher: A simple tool for executing high throughput computing workloads. Journal of Open Source Software, 2017, 2, 289.	2.0	4
20	Diffantom: Whole-Brain Diffusion MRI Phantoms Derived from Real Datasets of the Human Connectome Project. Frontiers in Neuroinformatics, 2016, 10, 4.	1.3	3
21	Searching for Imaging Biomarkers of Psychotic Dysconnectivity. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 1135-1144.	1.1	2
22	Atlas-Based Brain Extraction Is Robust Across RAT MRI Studies. , 2021, , .		2
23	Pydra - a flexible and lightweight dataflow engine for scientific analyses. , 2020, , .		2
24	QuantIDOPA: A Quantification Software for Dopaminergic Neurotransmission SPECT. IFMBE Proceedings, 2014, , 443-446.	0.2	1
25	Data on the verification and validation of segmentation and registration methods for diffusion MRI. Data in Brief, 2016, 8, 871-876.	0.5	1
26	NiTransforms: A Python tool to read, represent, manipulate, and apply dimensional spatial transforms. Journal of Open Source Software, 2021, 6, 3459.	2.0	1
27	Improving Out-of-Sample Prediction of Quality of MRIQC. Lecture Notes in Computer Science, 2018, , 190-199.	1.0	0
28	Software Tool to Read, Represent, Manipulate, and Apply N-Dimensional Spatial Transforms. , 2020, , .		0