

Fidel Alfaro-Almagro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6766172/publications.pdf>

Version: 2024-02-01

28
papers

7,350
citations

331670

21
h-index

501196

28
g-index

45
all docs

45
docs citations

45
times ranked

9687
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal population brain imaging in the UK Biobank prospective epidemiological study. <i>Nature Neuroscience</i> , 2016, 19, 1523-1536.	14.8	1,414
2	Image processing and Quality Control for the first 10,000 brain imaging datasets from UK Biobank. <i>NeuroImage</i> , 2018, 166, 400-424.	4.2	1,026
3	SARS-CoV-2 is associated with changes in brain structure in UK Biobank. <i>Nature</i> , 2022, 604, 697-707.	27.8	825
4	Genome-wide association studies of brain imaging phenotypes in UK Biobank. <i>Nature</i> , 2018, 562, 210-216.	27.8	551
5	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. <i>EClinicalMedicine</i> , 2021, 31, 100683.	7.1	435
6	Hand classification of fMRI ICA noise components. <i>NeuroImage</i> , 2017, 154, 188-205.	4.2	428
7	The UK Biobank imaging enhancement of 100,000 participants: rationale, data collection, management and future directions. <i>Nature Communications</i> , 2020, 11, 2624.	12.8	324
8	Estimation of brain age delta from brain imaging. <i>NeuroImage</i> , 2019, 200, 528-539.	4.2	274
9	Discovering dynamic brain networks from big data in rest and task. <i>NeuroImage</i> , 2018, 180, 646-656.	4.2	253
10	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. <i>PLoS Computational Biology</i> , 2017, 13, e1005209.	3.2	218
11	An expanded set of genome-wide association studies of brain imaging phenotypes in UK Biobank. <i>Nature Neuroscience</i> , 2021, 24, 737-745.	14.8	212
12	Automated quality control for within and between studies diffusion MRI data using a non-parametric framework for movement and distortion correction. <i>NeuroImage</i> , 2019, 184, 801-812.	4.2	197
13	Confound modelling in UK Biobank brain imaging. <i>NeuroImage</i> , 2021, 224, 117002.	4.2	135
14	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank. <i>NeuroImage: Clinical</i> , 2019, 23, 101904.	2.7	130
15	Handedness, language areas and neuropsychiatric diseases: insights from brain imaging and genetics. <i>Brain</i> , 2019, 142, 2938-2947.	7.6	123
16	Brain aging comprises many modes of structural and functional change with distinct genetic and biophysical associations. <i>ELife</i> , 2020, 9, .	6.0	122
17	The Human Cerebral Cortex Flattens during Adolescence. <i>Journal of Neuroscience</i> , 2013, 33, 15004-15010.	3.6	108
18	Investigations into within- and between-subject resting-state amplitude variations. <i>NeuroImage</i> , 2017, 159, 57-69.	4.2	90

#	ARTICLE	IF	CITATIONS
19	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	2.0	71
20	Cortical morphology of adolescents with bipolar disorder and with schizophrenia. <i>Schizophrenia Research</i> , 2014, 158, 91-99.	2.0	65
21	The spatial correspondence and genetic influence of interhemispheric connectivity with white matter microstructure. <i>Nature Neuroscience</i> , 2019, 22, 809-819.	14.8	56
22	The human hippocampus and its subfield volumes across age, sex and APOE e4 status. <i>Brain Communications</i> , 2021, 3, fcaa219.	3.3	28
23	Phenotypic and genetic associations of quantitative magnetic susceptibility in UK Biobank brain imaging. <i>Nature Neuroscience</i> , 2022, 25, 818-831.	14.8	21
24	An empirical, 21st century evaluation of phrenology. <i>Cortex</i> , 2018, 106, 26-35.	2.4	20
25	Adapting the UK Biobank Brain Imaging Protocol and Analysis Pipeline for the C-MORE Multi-Organ Study of COVID-19 Survivors. <i>Frontiers in Neurology</i> , 2021, 12, 753284.	2.4	16
26	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. <i>Aging</i> , 2019, 11, 5943-5974.	3.1	11
27	Modelling the distribution of white matter hyperintensities due to ageing on MRI images using Bayesian inference. <i>NeuroImage</i> , 2019, 185, 434-445.	4.2	9
28	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. <i>Aging</i> , 2020, 12, 16709-16743.	3.1	2