Fidel Alfaro-Almagro

List of Publications by Year
in descending order

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	SARS-CoV-2 is associated with changes in brain structure in UK Biobank. Nature, 2022, 604, 697-707.	27.8	825
2	Phenotypic and genetic associations of quantitative magnetic susceptibility in UK Biobank brain imaging. Nature Neuroscience, 2022, 25, 818-831.	14.8	21
3	Confound modelling in UK Biobank brain imaging. NeuroImage, 2021, 224, 117002.	4.2	135
4	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. EClinicalMedicine, 2021, 31, 100683.	7.1	435
5	An expanded set of genome-wide association studies of brain imaging phenotypes in UK Biobank. Nature Neuroscience, 2021, 24, 737-745.	14.8	212
6	Adapting the UK Biobank Brain Imaging Protocol and Analysis Pipeline for the C-MORE Multi-Organ Study of COVID-19 Survivors. Frontiers in Neurology, 2021, 12, 753284.	2.4	16
7	The human hippocampus and its subfield volumes across age, sex and APOE e4 status. Brain Communications, 2021, 3, fcaa219.	3.3	28
8	The UK Biobank imaging enhancement of 100,000 participants:â€‰rationale, data collection, management and future directions. Nature Communications, 2020, 11, 2624.	12.8	324
9	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. Stroke, 2020, 51, 2111-2121.	2.0	71
10	Brain aging comprises many modes of structural and functional change with distinct genetic and biophysical associations. ELife, 2020, 9, .	6.0	122
11	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. Aging, 2020, 12, 16709-16743.	3.1	2
12	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank. NeuroImage: Clinical, 2019, 23, 101904.	2.7	130
13	Handedness, language areas and neuropsychiatric diseases: insights from brain imaging and genetics. Brain, 2019, 142, 2938-2947.	7.6	123
14	Estimation of brain age delta from brain imaging. NeuroImage, 2019, 200, 528-539.	4.2	274
15	The spatial correspondence and genetic influence of interhemispheric connectivity with white matter microstructure. Nature Neuroscience, 2019, 22, 809-819.	14.8	56
16	Modelling the distribution of white matter hyperintensities due to ageing on MRI images using Bayesian inference. NeuroImage, 2019, 185, 434-445.	4.2	9
17	Automated quality control for within and between studies diffusion MRI data using a non-parametric framework for movement and distortion correction. NeuroImage, 2019, 184, 801-812.	4.2	197
18	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. Aging, 2019, 11, 5943-5974.	3.1	11

#	Article	IF	Citations
19	Discovering dynamic brain networks from big data in rest and task. NeuroImage, 2018, 180, 646-656.	4.2	253
20	Image processing and Quality Control for the first 10,000 brain imaging datasets from UK Biobank. NeuroImage, 2018, 166, 400-424.	4.2	1,026
21	Genome-wide association studies of brain imaging phenotypes in UK Biobank. Nature, 2018, 562, 210-216.	27.8	551
22	An empirical, 21st century evaluation of phrenology. Cortex, 2018, 106, 26-35.	2.4	20
23	Hand classification of fMRI ICA noise components. NeuroImage, 2017, 154, 188-205.	4.2	428
24	Investigations into within- and between-subject resting-state amplitude variations. NeuroImage, 2017, 159, 57-69.	4.2	90
25	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. PLoS Computational Biology, 2017, 13, e1005209.	3.2	218
26	Multimodal population brain imaging in the UK Biobank prospective epidemiological study. Nature Neuroscience, 2016, 19, 1523-1536.	14.8	1,414
27	Cortical morphology of adolescents with bipolar disorder and with schizophrenia. Schizophrenia Research, 2014, 158, 91-99.	2.0	65
28	The Human Cerebral Cortex Flattens during Adolescence. Journal of Neuroscience, 2013, 33, 15004-15010.	3.6	108