Alberto Llera

List of Publications by Year
in descending order

28 papers	2,011 citations	516561 16 h-index	526166 27 g-index
44 all docs	44 docs citations	44 times ranked	3595 citing authors

#	Article	IF	Citations
1	ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. NeuroImage, 2015, 112, 267-277.	2.1	1,289
2	From pattern classification to stratification: towards conceptualizing the heterogeneity of Autism Spectrum Disorder. Neuroscience and Biobehavioral Reviews, 2019, 104, 240-254.	2.9	88
3	Inter-individual differences in human brain structure and morphology link to variation in demographics and behavior. ELife, 2019, 8, .	2.8	86
4	On the use of interaction error potentials for adaptive brain computer interfaces. Neural Networks, 2011, 24, 1120-1127.	3.3	61
5	Behavioural relevance of spontaneous, transient brain network interactions in fMRI. NeuroImage, 2021, 229, 117713.	2.1	51
6	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2016, 11, 357-367.	1.4	43
7	Refinement by integration: aggregated effects of multimodal imaging markers on adult ADHD. Journal of Psychiatry and Neuroscience, 2017, 42, 386-394.	1.4	39
8	Adaptive Multiclass Classification for Brain Computer Interfaces. Neural Computation, 2014, 26, 1108-1127.	1.3	31
9	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. Brain Stimulation, 2020, 13, 696-704.	0.7	31
10	Linked anatomical and functional brain alterations in children with attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2019, 23, 101851.	1.4	27
11	Adaptive Classification on Brain-Computer Interfaces Using Reinforcement Signals. Neural Computation, 2012, 24, 2900-2923.	1.3	26
12	Thresholding functional connectomes by means of mixture modeling. NeuroImage, 2018, 171, 402-414.	2.1	25
13	Gray matter covariations and core symptoms of autism: the EU-AIMS Longitudinal European Autism Project. Molecular Autism, 2020, 11, 86.	2.6	25
14	Personality Profiles Are Associated with Functional Brain Networks Related to Cognition and Emotion. Scientific Reports, 2018, 8, 13874.	1.6	21
15	Discriminating stress from rest based on resting‐state connectivity of the human brain: A supervised machine learning study. Human Brain Mapping, 2020, 41, 3089-3099.	1.9	21
16	The impact of hemodynamic variability and signal mixing on the identifiability of effective connectivity structures in <scp>BOLD fMRI</scp>. Brain and Behavior, 2017, 7, e00777.	1.0	20
17	Linked MRI signatures of the brain's acute and persistent response to concussion in female varsity rugby players. NeuroImage: Clinical, 2019, 21, 101627.	1.4	19
18	Specific patterns of brain alterations underlie distinct clinical profiles in Huntington's disease. NeuroImage: Clinical, 2019, 23, 101900.	1.4	18

#	Article	IF	Citations
19	Disentangling common from specific processing across tasks using task potency. NeuroImage, 2019, 184, 632-645.	2.1	13
20	Age-related brain deviations and aggression. Psychological Medicine, 2023, 53, 4012-4021.	2.7	10
21	Mapping dopaminergic projections in the human brain with resting-state fMRI. ELife, 2022, 11, .	2.8	9
22	Uncovering neurodevelopmental paths to autism spectrum disorder through an integrated analysis of developmental measures and neural sensitivity to faces. Journal of Psychiatry and Neuroscience, 2021, 46, E34-E43.	1.4	8
23	Dissociating the functional roles of arcuate fasciculus subtracts in speech production. Cerebral Cortex, 2023, 33, 2539-2547.	1.6	7
24	Quantitative Intensity Harmonization of Dopamine Transporter SPECT Images Using Gamma Mixture Models. Molecular Imaging and Biology, 2019, 21, 339-347.	1.3	5
25	Increasing robustness of pairwise methods for effective connectivity in magnetic resonance imaging by using fractional moment series of BOLD signal distributions. Network Neuroscience, 2019, 3, 1009-1037.	1.4	5
26	Single-subject Single-session Temporally-Independent Functional Modes of Brain Activity. NeuroImage, 2020, 218, 116783.	2.1	3
27	Uncovering Statistical Links Between Gene Expression and Structural Connectivity Patterns in the Mouse Brain. Neuroinformatics, 2021, 19, 649-667.	1.5	2
28	Quantitative analysis of task selection for brain–computer interfaces. Journal of Neural Engineering, 2014, 11, 056002.	1.8	1