

Ricardo Jm Magalhães

List of Publications by Year in descending order

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42
papers

1,067
citations

623734

14
h-index

477307

29
g-index

45
all docs

45
docs citations

45
times ranked

2239
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel method for estimating connectivity-based parcellation of the human brain from diffusion <sc>MRI</sc> : Application to an aging cohort. Human Brain Mapping, 2022, , .	3.6	2
2	Suicidal Ideation Is Associated With Reduced Functional Connectivity and White Matter Integrity in Drug-Naïve Patients With Major Depression. Frontiers in Psychiatry, 2022, 13, 838111.	2.6	5
3	Generation of Synthetic Rat Brain MRI Scans with a 3D Enhanced Alpha Generative Adversarial Network. Applied Sciences (Switzerland), 2022, 12, 4844.	2.5	2
4	Differential patterns of association between resting-state functional connectivity networks and stress in OCD patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 118, 110563.	4.8	2
5	Alterations in functional connectivity are associated with white matter lesions and information processing efficiency in multiple sclerosis. Brain Imaging and Behavior, 2021, 15, 375-388.	2.1	7
6	Reorganization of brain structural networks in aging: A longitudinal study. Journal of Neuroscience Research, 2021, 99, 1354-1376.	2.9	18
7	Signatures of white-matter microstructure degradation during aging and its association with cognitive status. Scientific Reports, 2021, 11, 4517.	3.3	41
8	Habitual coffee drinkers display a distinct pattern of brain functional connectivity. Molecular Psychiatry, 2021, 26, 6589-6598.	7.9	31
9	Frontoparietal hyperconnectivity during cognitive regulation in obsessive-compulsive disorder followed by reward valuation inflexibility. Journal of Psychiatric Research, 2021, 137, 657-666.	3.1	8
10	Amygdala size varies with stress perception. Neurobiology of Stress, 2021, 14, 100334.	4.0	8
11	White Matter Microstructure Alterations Associated With Paroxetine Treatment Response in Major Depression. Frontiers in Behavioral Neuroscience, 2021, 15, 693109.	2.0	8
12	The Association of Metabolic Dysfunction and Mood Across Lifespan Interacts With the Default Mode Network Functional Connectivity. Frontiers in Aging Neuroscience, 2021, 13, 618623.	3.4	3
13	Free-Living Physical Activity Measured With a Wearable Device Is Associated With Larger Hippocampus Volume and Greater Functional Connectivity in Healthy Older Adults: An Observational, Cross-Sectional Study in Northern Portugal. Frontiers in Aging Neuroscience, 2021, 13, 729060.	3.4	5
14	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. Biological Psychiatry, 2020, 87, 1022-1034.	1.3	73
15	Biomarkers of resilience and susceptibility in rodent models of stress. , 2020, , 311-321.		2
16	The moderator effect of age in the association between mood and adiposity in the elderly is specific for the subcutaneous adipose compartment: An MRI study. International Journal of Geriatric Psychiatry, 2020, 35, 113-121.	2.7	4
17	The association of dietary patterns with cognition through the lens of neuroimaging—a Systematic review. Ageing Research Reviews, 2020, 63, 101145.	10.9	17
18	Higher Adherence to the Mediterranean Diet Is Associated With Preserved White Matter Integrity and Altered Structural Connectivity. Frontiers in Neuroscience, 2020, 14, 786.	2.8	16

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19	Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. Journal of Psychiatry and Neuroscience, 2020, 45, 98-107.	2.4	7
20	Reduced Hedonic Valuation of Rewards and Unaffected Cognitive Regulation in Chronic Stress. Frontiers in Neuroscience, 2019, 13, 724.	2.8	7
21	The resting-brain of obsessive-compulsive disorder. Psychiatry Research - Neuroimaging, 2019, 290, 38-41.	1.8	13
22	Interpretability of a Deep Learning Model for Rodents Brain Semantic Segmentation. IFIP Advances in Information and Communication Technology, 2019, , 307-318.	0.7	1
23	Brain functional connectivity is altered in patients with Takotsubo Syndrome. Scientific Reports, 2019, 9, 4187.	3.3	16
24	A Resting-State Functional MR Imaging and Spectroscopy Study of the Dorsal Hippocampus in the Chronic Unpredictable Stress Rat Model. Journal of Neuroscience, 2019, 39, 3640-3650.	3.6	28
25	Structural and functional alterations in the retrosplenial cortex following neuropathic pain. Pain, 2019, 160, 2241-2254.	4.2	13
26	Asymmetrical subcortical plasticity entails cognitive progression in older individuals. Aging Cell, 2019, 18, e12857.	6.7	11
27	Evidence for lack of direct causality between pain and affective disturbances in a rat peripheral neuropathy model. Genes, Brain and Behavior, 2019, 18, e12542.	2.2	17
28	Safinamide: a new hope for Parkinson's disease?. Drug Discovery Today, 2018, 23, 736-744.	6.4	39
29	Poor Sleep Quality Associates With Decreased Functional and Structural Brain Connectivity in Normative Aging: A MRI Multimodal Approach. Frontiers in Aging Neuroscience, 2018, 10, 375.	3.4	26
30	Functional Hemispheric (A)symmetries in the Aged Brain-Relevance for Working Memory. Frontiers in Aging Neuroscience, 2018, 10, 58.	3.4	10
31	The association between stress and mood across the adult lifespan on default mode network. Brain Structure and Function, 2017, 222, 101-112.	2.3	31
32	Cognitive performance in healthy older adults relates to spontaneous switching between states of functional connectivity during rest. Scientific Reports, 2017, 7, 5135.	3.3	257
33	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. Frontiers in Neuroscience, 2016, 10, 515.	2.8	159
34	Enabling Data Storage and Availability of Multimodal Neuroimaging Studies-A NoSQL Based Solution. Advances in Intelligent Systems and Computing, 2016, , 107-116.	0.6	1
35	The functional connectome of cognitive reserve. Human Brain Mapping, 2016, 37, 3310-3322.	3.6	76
36	Altered functional connectivity of the default mode network in Williams syndrome: a multimodal approach. Developmental Science, 2016, 19, 686-695.	2.4	10

#	ARTICLE	IF	CITATIONS
37	Identifying Functional Subdivisions in the Medial Frontal Cortex. Journal of Neuroscience, 2016, 36, 11168-11170.	3.6	10
38	Central autonomic nervous system response to autonomic challenges is altered in patients with a previous episode of Takotsubo cardiomyopathy. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 152-163.	1.0	18
39	The Bounds Of Education In The Human Brain Connectome. Scientific Reports, 2015, 5, 12812.	3.3	31
40	Abstract Computation in Schizophrenia Detection through Artificial Neural Network Based Systems. Scientific World Journal, The, 2015, 2015, 1-10.	2.1	6
41	The Impact of Normalization and Segmentation on Resting-State Brain Networks. Brain Connectivity, 2015, 5, 166-176.	1.7	14
42	Brain structure across the lifespan: the influence of stress and mood. Frontiers in Aging Neuroscience, 2014, 6, 330.	3.4	11