

Ricardo Jm Magalhes

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

540
citations

11
h-index

22
g-index

45
ext. papers

835
ext. citations

4.8
avg, IF

3.73
L-index

#	Paper	IF	Citations
43	Suicidal Ideation Is Associated With Reduced Functional Connectivity and White Matter Integrity in Drug-Naïve Patients With Major Depression.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 838111	5	1
42	Generation of Synthetic Rat Brain MRI Scans with a 3D Enhanced Alpha Generative Adversarial Network. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4844	2.6	
41	Differential patterns of association between resting-state functional connectivity networks and stress in OCD patients.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 110563	5.5	
40	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.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 729060	5.3	0
39	Habitual coffee drinkers display a distinct pattern of brain functional connectivity. <i>Molecular Psychiatry</i> , 2021 ,	15.1	6
38	Frontoparietal hyperconnectivity during cognitive regulation in obsessive-compulsive disorder followed by reward valuation inflexibility. <i>Journal of Psychiatric Research</i> , 2021 , 137, 657-666	5.2	3
37	Amygdala size varies with stress perception. <i>Neurobiology of Stress</i> , 2021 , 14, 100334	7.6	2
36	Alterations in functional connectivity are associated with white matter lesions and information processing efficiency in multiple sclerosis. <i>Brain Imaging and Behavior</i> , 2021 , 15, 375-388	4.1	3
35	Reorganization of brain structural networks in aging: A longitudinal study. <i>Journal of Neuroscience Research</i> , 2021 , 99, 1354-1376	4.4	2
34	Signatures of white-matter microstructure degradation during aging and its association with cognitive status. <i>Scientific Reports</i> , 2021 , 11, 4517	4.9	11
33	White Matter Microstructure Alterations Associated With Paroxetine Treatment Response in Major Depression. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 693109	3.5	2
32	The Association of Metabolic Dysfunction and Mood Across Lifespan Interacts With the Default Mode Network Functional Connectivity. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 618623	5.3	1
31	Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 98-107	4.5	3
30	Spatial Normalization of MRI Brain Studies Using a U-Net Based Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 493-502	0.4	1
29	Biomarkers of resilience and susceptibility in rodent models of stress 2020 , 311-321		2
28	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. <i>International Journal of Geriatric Psychiatry</i> , 2020 , 35, 113-121	3.9	2
27	The association of dietary patterns with cognition through the lens of neuroimaging-a Systematic review. <i>Ageing Research Reviews</i> , 2020 , 63, 101145	12	5

26	Higher Adherence to the Mediterranean Diet Is Associated With Preserved White Matter Integrity and Altered Structural Connectivity. <i>Frontiers in Neuroscience</i> , 2020 , 14, 786	5.1	6
25	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020 , 87, 1022-1034	7.9	34
24	Interpretability of a Deep Learning Model for Rodents Brain Semantic Segmentation. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 307-318	0.5	0
23	Brain functional connectivity is altered in patients with Takotsubo Syndrome. <i>Scientific Reports</i> , 2019 , 9, 4187	4.9	10
22	A Resting-State Functional MR Imaging and Spectroscopy Study of the Dorsal Hippocampus in the Chronic Unpredictable Stress Rat Model. <i>Journal of Neuroscience</i> , 2019 , 39, 3640-3650	6.6	15
21	Reduced Hedonic Valuation of Rewards and Unaffected Cognitive Regulation in Chronic Stress. <i>Frontiers in Neuroscience</i> , 2019 , 13, 724	5.1	6
20	The resting-brain of obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 290, 38-41	2.9	8
19	Structural and functional alterations in the retrosplenial cortex following neuropathic pain. <i>Pain</i> , 2019 , 160, 2241-2254	8	7
18	Asymmetrical subcortical plasticity entails cognitive progression in older individuals. <i>Aging Cell</i> , 2019 , 18, e12857	9.9	8
17	Evidence for lack of direct causality between pain and affective disturbances in a rat peripheral neuropathy model. <i>Genes, Brain and Behavior</i> , 2019 , 18, e12542	3.6	13
16	Safinamide: a new hope for Parkinson's disease?. <i>Drug Discovery Today</i> , 2018 , 23, 736-744	8.8	24
15	Functional Hemispheric (A)symmetries in the Aged Brain-Relevance for Working Memory. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 58	5.3	7
14	Poor Sleep Quality Associates With Decreased Functional and Structural Brain Connectivity in Normative Aging: A MRI Multimodal Approach. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 375	5.3	15
13	The association between stress and mood across the adult lifespan on default mode network. <i>Brain Structure and Function</i> , 2017 , 222, 101-112	4	24
12	Cognitive performance in healthy older adults relates to spontaneous switching between states of functional connectivity during rest. <i>Scientific Reports</i> , 2017 , 7, 5135	4.9	110
11	Altered functional connectivity of the default mode network in Williams syndrome: a multimodal approach. <i>Developmental Science</i> , 2016 , 19, 686-95	4.5	9
10	Identifying Functional Subdivisions in the Medial Frontal Cortex. <i>Journal of Neuroscience</i> , 2016 , 36, 11168-11179	8.6	179
9	Central autonomic nervous system response to autonomic challenges is altered in patients with a previous episode of Takotsubo cardiomyopathy. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 152-63	4.3	11

8	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2016 , 10, 515-518	5.1	77
7	Enabling Data Storage and Availability of Multimodal Neuroimaging Studies: A NoSQL Based Solution. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 107-116	0.4	
6	The functional connectome of cognitive reserve. <i>Human Brain Mapping</i> , 2016 , 37, 3310-22	5.9	54
5	The impact of normalization and segmentation on resting-state brain networks. <i>Brain Connectivity</i> , 2015 , 5, 166-76	2.7	13
4	The Bounds Of Education In The Human Brain Connectome. <i>Scientific Reports</i> , 2015 , 5, 12812	4.9	24
3	Abstract computation in schizophrenia detection through artificial neural network based systems. <i>Scientific World Journal</i> , 2015 , 2015, 467178	2.2	6
2	Construction of Functional Brain Connectivity Networks. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 303-310	0.4	1
1	Brain structure across the lifespan: the influence of stress and mood. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 330	5.3	8