

Alexandre R Franco

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,568
citations

331259

21
h-index

205818

48
g-index

79
all docs

79
docs citations

79
times ranked

4793
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of autism spectrum disorder using deep learning and the ABIDE dataset. <i>NeuroImage: Clinical</i> , 2018, 17, 16-23.	1.4	594
2	Toward a Neuroimaging Treatment Selection Biomarker for Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2013, 70, 821.	6.0	455
3	Resting state and task-induced deactivation: A methodological comparison in patients with schizophrenia and healthy controls. <i>Human Brain Mapping</i> , 2010, 31, 424-437.	1.9	130
4	Interrater and intermethod reliability of default mode network selection. <i>Human Brain Mapping</i> , 2009, 30, 2293-2303.	1.9	113
5	The neural networks underlying auditory sensory gating. <i>NeuroImage</i> , 2009, 44, 182-189.	2.1	90
6	2015 Brainhack Proceedings. <i>GigaScience</i> , 2016, 5, 1-26.	3.3	72
7	Automated Methods for Hippocampus Segmentation: the Evolution and a Review of the State of the Art. <i>Neuroinformatics</i> , 2015, 13, 133-150.	1.5	68
8	Evaluating the reliability of different preprocessing steps to estimate graph theoretical measures in resting state fMRI data. <i>Frontiers in Neuroscience</i> , 2015, 9, 48.	1.4	61
9	Whole cortical and default mode network mean functional connectivity as potential biomarkers for mild Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 37-42.	0.9	60
10	Reconciling Variable Findings of White Matter Integrity in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2014, 39, 1332-1339.	2.8	57
11	Default Mode, Executive Function, and Language Functional Connectivity Networks are Compromised in Mild Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 274-282.	0.7	55
12	Impact of Analysis Methods on the Reproducibility and Reliability of Resting-State Networks. <i>Brain Connectivity</i> , 2013, 3, 363-374.	0.8	47
13	Modeling conflict and error in the medial frontal cortex. <i>Human Brain Mapping</i> , 2012, 33, 2843-2855.	1.9	41
14	Multimodal and Multi-Tissue Measures of Connectivity Revealed by Joint Independent Component Analysis. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008, 2, 986-997.	7.3	39
15	Increased brain cortical thickness associated with visceral fat in adolescents. <i>Pediatric Obesity</i> , 2018, 13, 74-77.	1.4	35
16	Brainhack: a collaborative workshop for the open neuroscience community. <i>GigaScience</i> , 2016, 5, 16.	3.3	34
17	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. <i>Scientific Data</i> , 2022, 9, .	2.4	33
18	Assessment and quantification of head motion in neuropsychiatric functional imaging research as applied to schizophrenia. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 839-45.	1.2	32

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19	The Effects of Stimulus Modality and Frequency of Stimulus Presentation on Cross-modal Distraction. <i>Cerebral Cortex</i> , 2009, 19, 993-1007.	1.6	32
20	Neuronal modulation of auditory attention by informative and uninformative spatial cues. <i>Human Brain Mapping</i> , 2009, 30, 1652-1666.	1.9	29
21	Effects of computerized cognitive training as add-on treatment to stimulants in ADHD: a pilot fMRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 1933-1944.	1.1	27
22	Joint embedding: A scalable alignment to compare individuals in a connectivity space. <i>NeuroImage</i> , 2020, 222, 117232.	2.1	27
23	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
24	Systematic Review: Medication Effects on Brain Intrinsic Functional Connectivity in Patients With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 222-235.	0.3	26
25	Comparative evaluation of video-based on-line course versus serious game for training medical students in cardiopulmonary resuscitation: A randomised trial. <i>PLoS ONE</i> , 2019, 14, e0214722.	1.1	24
26	Evaluating fMRI-Based Estimation of Eye Gaze During Naturalistic Viewing. <i>Cerebral Cortex</i> , 2020, 30, 1171-1184.	1.6	24
27	Measurement reliability for individual differences in multilayer network dynamics: Cautions and considerations. <i>NeuroImage</i> , 2021, 225, 117489.	2.1	24
28	Amygdala-based intrinsic functional connectivity and anxiety disorders in adolescents and young adults. <i>Psychiatry Research - Neuroimaging</i> , 2016, 257, 11-16.	0.9	23
29	Impulsivity-based thrifty eating phenotype and the protective role of n-3 PUFAs intake in adolescents. <i>Translational Psychiatry</i> , 2016, 6, e755-e755.	2.4	20
30	Correlation between the corpus callosum index and brain atrophy, lesion load, and cognitive dysfunction in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 20, 154-158.	0.9	20
31	A longitudinal resource for studying connectome development and its psychiatric associations during childhood. <i>Scientific Data</i> , 2022, 9, .	2.4	18
32	Decreasing ADHD phenotypic heterogeneity: searching for neurobiological underpinnings of the restrictive inattentive phenotype. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 273-282.	2.8	17
33	Atlas selection for hippocampus segmentation: Relevance evaluation of three meta-information parameters. <i>Computers in Biology and Medicine</i> , 2018, 95, 90-98.	3.9	16
34	Decoupling of the Occipitotemporal Cortex and the Brain's Default-Mode Network in Dyslexia and a Role for the Cingulate Cortex in Good Readers: A Brain Imaging Study of Brazilian Children. <i>Developmental Neuropsychology</i> , 2019, 44, 146-157.	1.0	16
35	Is it time to switch your T1W sequence? Assessing the impact of prospective motion correction on the reliability and quality of structural imaging. <i>NeuroImage</i> , 2021, 226, 117585.	2.1	16
36	Intrinsic Brain Connectivity Following Long-Term Treatment with Methylphenidate in Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 555-561.	0.7	13

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37	ASLPrep: a platform for processing of arterial spin labeled MRI and quantification of regional brain perfusion. <i>Nature Methods</i> , 2022, 19, 683-686.	9.0	13
38	The Illness Density Index (IDI): A longitudinal measure of treatment efficacy. <i>Clinical Trials</i> , 2012, 9, 596-604.	0.7	12
39	Violence and Latin-American preadolescents: A study of social brain function and cortisol levels. <i>Developmental Science</i> , 2019, 22, e12799.	1.3	12
40	White matter deficits in cocaine use disorder: convergent evidence from in vivo diffusion tensor imaging and ex vivo proteomic analysis. <i>Translational Psychiatry</i> , 2021, 11, 252.	2.4	12
41	An fMRI study of inhibitory control and the effects of exposure to violence in Latin-American early adolescents: alterations in frontoparietal activation and performance. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1097-1107.	1.5	11
42	Cortical thickness and subcortical volume abnormalities in male crack-cocaine users. <i>Psychiatry Research - Neuroimaging</i> , 2021, 310, 111232.	0.9	10
43	Neuroanatomical Correlates of Macrolinguistic Aspects in Narrative Discourse in Unilateral Left and Right Hemisphere Stroke: A Voxel-Based Morphometry Study. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 1650-1665.	0.7	10
44	Epilepsy after congenital zika virus infection: EEG and neuroimaging features. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 84, 14-22.	0.9	9
45	Decreased comfort food intake and allostatic load in adolescents carrying the A3669G variant of the glucocorticoid receptor gene. <i>Appetite</i> , 2017, 116, 21-28.	1.8	8
46	Interaction between perceived maternal care, anxiety symptoms, and the neurobehavioral response to palatable foods in adolescents. <i>Stress</i> , 2016, 19, 287-294.	0.8	6
47	Plantar stimulation alters brain connectivity in idiopathic Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2020, 142, 229-238.	1.0	5
48	Diminished insulin sensitivity is associated with altered brain activation to food cues and with risk for obesity – Implications for individuals born small for gestational age. <i>Appetite</i> , 2022, 169, 105799.	1.8	4
49	Resting-State fMRI to Identify the Brain Correlates of Treatment Response to Medications in Children and Adolescents With Attention-Deficit/Hyperactivity Disorder: Lessons From the CUNMET Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 759696.	1.3	4
50	Sex differences in brain regional homogeneity during acute abstinence in cocaine use disorder. <i>Addiction Biology</i> , 2022, 27, e13177.	1.4	4
51	Increased Glucose Activity in Subgenual Anterior Cingulate and Hippocampus of High Performing Older Adults, Despite Amyloid Burden. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1419-1428.	1.2	3
52	Detecting task-based fMRI compliance using plan abandonment techniques. <i>GigaScience</i> , 2016, 5, .	3.3	2
53	Effect of corporal suspension and pendulum exercises on neuromuscular properties and functionality in patients with medullar thoracic injury. <i>Clinical Biomechanics</i> , 2019, 63, 214-220.	0.5	2
54	Concerns regarding the prediction of behavioral measures from multilayer network switching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16672-16672.	3.3	2

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55	Zika virus congenital microcephaly severity classification and the association of severity with neuropsychomotor development. <i>Pediatric Radiology</i> , 2022, 52, 941-950.	1.1	2
56	Automated Mapping of Sensorimotor Network for Resting State fMRI Data with Seed-Based Correlation Analysis. <i>IFMBE Proceedings</i> , 2019, , 537-544.	0.2	1
57	NeuroView: a customizable browser-base utility. <i>GigaScience</i> , 2016, 5, .	3.3	0
58	An automatic method for multiple sclerosis lesion detection in fluid attenuated inversion recovery magnetic resonance images. , 2016, , .		0
59	Structural and Functional Connectivity: A Combined Analysis of Patients with Multiple Sclerosis Using Joint-ICA. <i>IFMBE Proceedings</i> , 2019, , 471-477.	0.2	0
60	RESTING-STATE FMRI CORRELATES OF CLINICAL RESPONSE TO STIMULANTS IN CHILDREN AND ADOLESCENTS WITH ADHD. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, S260.	0.3	0
61	Resting-State fMRI Correlates of Clinical Response to Stimulant Treatments in Children and Adolescents With ADHD. <i>Biological Psychiatry</i> , 2020, 87, S19-S20.	0.7	0
62	Diffusion Tensor Imaging of Cocaine Users and Proteomic Analysis of Postmortem Brains of Subjects Reporting Cocaine Addiction Suggest White Matter Impairment in BA9 Region of Prefrontal Cortex. <i>Biological Psychiatry</i> , 2021, 89, S233.	0.7	0
63	Cortical Thickness in Cocaine Use Disorder and its Relation to Age-Related Brain Atrophy. <i>Biological Psychiatry</i> , 2021, 89, S368-S369.	0.7	0
64	Reading narratives whose protagonists experience emotions: fMRI evidence of down-regulation of thalamic regions associated with anxiety disorder. <i>Journal of Neurolinguistics</i> , 2022, 62, 101044.	0.5	0