

Fabio Luis Souza-Duran

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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.

96 papers	3,339 citations	29 h-index	55 g-index
115 ext. papers	4,121 ext. citations	4.8 avg, IF	4.4 L-index

#	Paper	IF	Citations
96	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. <i>Molecular Psychiatry</i> , 2018 , 23, 932-942	15.1	340
95	Neural basis of anxiolytic effects of cannabidiol (CBD) in generalized social anxiety disorder: a preliminary report. <i>Journal of Psychopharmacology</i> , 2011 , 25, 121-30	4.6	304
94	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , 2018 , 175, 359-369	11.9	188
93	Regional gray matter abnormalities in obsessive-compulsive disorder: a voxel-based morphometry study. <i>Biological Psychiatry</i> , 2005 , 58, 479-87	7.9	182
92	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5154-E5163	11.5	182
91	Age-related gray matter volume changes in the brain during non-elderly adulthood. <i>Neurobiology of Aging</i> , 2011 , 32, 354-68	5.6	120
90	Regional gray matter abnormalities in panic disorder: a voxel-based morphometry study. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 163, 21-9	2.9	114
89	State-dependent microstructural white matter changes in bipolar I depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009 , 259, 316-28	5.1	91
88	Treatment of resistant obsessive-compulsive disorder with ventral capsular/ventral striatal gamma capsulotomy: a pilot prospective study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009 , 21, 381-92	2.7	90
87	Gray matter volumes in obsessive-compulsive disorder before and after fluoxetine or cognitive-behavior therapy: a randomized clinical trial. <i>Neuropsychopharmacology</i> , 2012 , 37, 734-45	8.7	89
86	Relationship between regional cerebral blood flow and separate symptom clusters of major depression: a single photon emission computed tomography study using statistical parametric mapping. <i>Neuroscience Letters</i> , 2005 , 384, 265-70	3.3	78
85	Patterns of regional gray matter loss at different stages of schizophrenia: A multisite, cross-sectional VBM study in first-episode and chronic illness. <i>NeuroImage: Clinical</i> , 2016 , 12, 1-15	5.3	77
84	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019 , 10, 4958	17.4	72
83	Volumetric reduction of the corpus callosum in Alzheimer's disease in vivo as assessed with voxel-based morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2007 , 154, 59-68	2.9	61
82	Grey matter abnormalities in Brazilians with first-episode psychosis. <i>British Journal of Psychiatry</i> , 2007 , 51, s117-22	5.4	54
81	Brain structural variability due to aging and gender in cognitively healthy Elders: results from the Sao Paulo Ageing and Health study. <i>American Journal of Neuroradiology</i> , 2009 , 30, 1850-6	4.4	53
80	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021 , 26, 5124-5139	15.1	48

79	Obsessive-compulsive symptom dimensions correlate to specific gray matter volumes in treatment-naïve patients. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1635-42	5.2	48
78	Differential prefrontal gray matter correlates of treatment response to fluoxetine or cognitive-behavioral therapy in obsessive-compulsive disorder. <i>European Neuropsychopharmacology</i> , 2013 , 23, 569-80	1.2	46
77	Lack of progression of brain abnormalities in first-episode psychosis: a longitudinal magnetic resonance imaging study. <i>Psychological Medicine</i> , 2011 , 41, 1677-89	6.9	45
76	Whole-exome sequencing in obsessive-compulsive disorder identifies rare mutations in immunological and neurodevelopmental pathways. <i>Translational Psychiatry</i> , 2016 , 6, e764	8.6	45
75	Cannabis use, cognition and brain structure in first-episode psychosis. <i>Schizophrenia Research</i> , 2013 , 147, 209-15	3.6	40
74	A population-based morphometric MRI study in patients with first-episode psychotic bipolar disorder: comparison with geographically matched healthy controls and major depressive disorder subjects. <i>Bipolar Disorders</i> , 2011 , 13, 28-40	3.8	38
73	Cognitive performance is related to cortical grey matter volumes in early stages of schizophrenia: a population-based study of first-episode psychosis. <i>Schizophrenia Research</i> , 2009 , 113, 200-9	3.6	38
72	Age-related metabolic profiles in cognitively healthy elders: results from a voxel-based [18F]fluorodeoxyglucose-positron-emission tomography study with partial volume effects correction. <i>American Journal of Neuroradiology</i> , 2011 , 32, 560-5	4.4	36
71	Gamma ventral capsulotomy for treatment of resistant obsessive-compulsive disorder: a structural MRI pilot prospective study. <i>Neuroscience Letters</i> , 2008 , 447, 138-42	3.3	32
70	Association between symptom severity and internal capsule volume in obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2009 , 452, 68-71	3.3	31
69	Structural brain abnormalities in patients with Parkinson's disease with visual hallucinations: a comparative voxel-based analysis. <i>Brain and Cognition</i> , 2014 , 87, 97-103	2.7	30
68	Insular and anterior cingulate cortex deep stimulation for central neuropathic pain: Disassembling the percept of pain. <i>Neurology</i> , 2019 , 92, e2165-e2175	6.5	29
67	Selecting the most relevant brain regions to discriminate Alzheimer's disease patients from healthy controls using multiple kernel learning: A comparison across functional and structural imaging modalities and atlases. <i>NeuroImage: Clinical</i> , 2018 , 17, 628-641	5.3	27
66	Structural brain changes as biomarkers and outcome predictors in patients with late-life depression: a cross-sectional and prospective study. <i>PLoS ONE</i> , 2013 , 8, e80049	3.7	26
65	Longitudinal follow-up of cavum septum pellucidum and adhesio interthalamica alterations in first-episode psychosis: a population-based MRI study. <i>Psychological Medicine</i> , 2012 , 42, 2523-34	6.9	25
64	Gray matter brain volumes in childhood-maltreated patients with bipolar disorder type I: A voxel-based morphometric study. <i>Journal of Affective Disorders</i> , 2016 , 197, 74-80	6.6	24
63	Grey and white matter volumes either in treatment-naïve or hormone-treated transgender women: a voxel-based morphometry study. <i>Scientific Reports</i> , 2018 , 8, 736	4.9	23
62	Association between major depressive symptoms in heart failure and impaired regional cerebral blood flow in the medial temporal region: a study using 99m Tc-HMPAO single photon emission computerized tomography (SPECT). <i>Psychological Medicine</i> , 2006 , 36, 597-608	6.9	23

61	Antidepressant effects of tDCS are associated with prefrontal gray matter volumes at baseline: Evidence from the ELECT-TDCS trial. <i>Brain Stimulation</i> , 2019 , 12, 1197-1204	5.1	22
60	What determines continuing grey matter changes in first-episode schizophrenia and affective psychosis?. <i>Psychological Medicine</i> , 2015 , 45, 817-28	6.9	22
59	Relationship between Brain Age-Related Reduction in Gray Matter and Educational Attainment. <i>PLoS ONE</i> , 2015 , 10, e0140945	3.7	22
58	Effects of Aerobic Training on Cognition and Brain Glucose Metabolism in Subjects with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 747-60	4.3	21
57	Brain metabolism and cerebrospinal fluid biomarkers profile of non-amnesic mild cognitive impairment in comparison to amnesic mild cognitive impairment and normal older subjects. <i>Alzheimer's Research and Therapy</i> , 2015 , 7, 58	9	21
56	Multivariate Statistical Differences of MRI Samples of the Human Brain. <i>Journal of Mathematical Imaging and Vision</i> , 2007 , 29, 95-106	1.6	20
55	Subtle gray matter changes in temporo-parietal cortex associated with cardiovascular risk factors. <i>Journal of Alzheimer's Disease</i> , 2011 , 27, 575-89	4.3	19
54	Lateral ventricle differences between first-episode schizophrenia and first-episode psychotic bipolar disorder: A population-based morphometric MRI study. <i>World Journal of Biological Psychiatry</i> , 2010 , 11, 873-87	3.8	19
53	Relationship between regional brain volumes and cognitive performance in the healthy aging: an MRI study using voxel-based morphometry. <i>Journal of Alzheimer's Disease</i> , 2012 , 31, 45-58	4.3	19
52	Structural brain abnormalities in patients with type I bipolar disorder and suicidal behavior. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 265, 9-17	2.9	18
51	Support vector machine-based classification of neuroimages in Alzheimer's disease: direct comparison of FDG-PET, rCBF-SPECT and MRI data acquired from the same individuals. <i>Revista Brasileira De Psiquiatria</i> , 2018 , 40, 181-191	2.6	18
50	Effect of temporal lobe structure volume on memory in elderly depressed patients. <i>Neurobiology of Aging</i> , 2011 , 32, 1857-67	5.6	18
49	A voxel-based morphometry study of gray matter correlates of facial emotion recognition in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 158-64	2.9	17
48	Mapping brain volumetric abnormalities in never-treated pathological gamblers. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 232, 208-13	2.9	17
47	Correlation between voxel based morphometry and manual volumetry in magnetic resonance images of the human brain. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008 , 80, 149-56	1.4	17
46	The drug-naïve OCD patients imaging genetics, cognitive and treatment response study: methods and sample description. <i>Revista Brasileira De Psiquiatria</i> , 2009 , 31, 349-53	2.6	16
45	Volume reduction of the corpus callosum and its relationship with deficits in interhemispheric transfer of information in recent-onset psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2010 , 184, 1-9	2.9	16
44	Multimodal magnetic resonance imaging study of treatment-naïve adults with attention-deficit/hyperactivity disorder. <i>PLoS ONE</i> , 2014 , 9, e110199	3.7	15

43	ORBITOFRONTAL THICKNESS AS A MEASURE FOR TREATMENT RESPONSE PREDICTION IN OBSESSIVE-COMPULSIVE DISORDER. <i>Depression and Anxiety</i> , 2015 , 32, 900-8	8.4	14
42	Voxelwise evaluation of white matter volumes in first-episode psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 202, 198-205	2.9	14
41	Neural correlates of hallucinations in bipolar disorder. <i>Revista Brasileira De Psiquiatria</i> , 2016 , 38, 1-5	2.6	14
40	Preserved white matter in unmedicated pediatric bipolar disorder. <i>Neuroscience Letters</i> , 2014 , 579, 41-5	3.3	13
39	Cardiovascular risk in cognitively preserved elderly is associated with glucose hypometabolism in the posterior cingulate cortex and precuneus regardless of brain atrophy and apolipoprotein gene variations. <i>Age</i> , 2013 , 35, 777-92		13
38	Brain PET amyloid and neurodegeneration biomarkers in the context of the 2018 NIA-AA research framework: an individual approach exploring clinical-biomarker mismatches and sociodemographic parameters. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2666-2680	8.8	12
37	The influence of lithium on hippocampal volume in elderly bipolar patients: a study using voxel-based morphometry. <i>Translational Psychiatry</i> , 2016 , 6, e846	8.6	11
36	Topography of 11C-Pittsburgh compound B uptake in Alzheimer's disease: a voxel-based investigation of cortical and white matter regions. <i>Revista Brasileira De Psiquiatria</i> , 2019 , 41, 101-111	2.6	11
35	High frequency of silent brain infarcts associated with cognitive deficits in an economically disadvantaged population. <i>Clinics</i> , 2017 , 72, 474-480	2.3	10
34	Neurobiological support to the diagnosis of ADHD in stimulant-naïve adults: pattern recognition analyses of MRI data. <i>Acta Psychiatrica Scandinavica</i> , 2017 , 136, 623-636	6.5	9
33	Gray matter volumes in patients with bipolar disorder and their first-degree relatives. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 234, 188-93	2.9	9
32	Reduced Gray Matter Volume of the Thalamus and Hippocampal Region in Elderly Healthy Adults with no Impact of APOE e4: A Longitudinal Voxel-Based Morphometry Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 757-771	4.3	9
31	Corpus callosum volumes in the 5 years following the first-episode of schizophrenia: Effects of antipsychotics, chronicity and maturation. <i>NeuroImage: Clinical</i> , 2018 , 18, 932-942	5.3	9
30	Corpus callosum volumes in recent-onset schizophrenia are correlated to positive symptom severity after 1 year of follow-up. <i>Schizophrenia Research</i> , 2012 , 137, 258-9	3.6	9
29	Training gains and transfer effects after mnemonic strategy training in mild cognitive impairment: A fMRI study. <i>International Journal of Psychophysiology</i> , 2020 , 154, 15-26	2.9	9
28	Voxel-based investigations of regional cerebral blood flow abnormalities in Alzheimer's disease using a single-detector SPECT system. <i>Clinics</i> , 2007 , 62, 377-84	2.3	8
27	Fully Automated Habenula Segmentation Provides Robust and Reliable Volume Estimation Across Large Magnetic Resonance Imaging Datasets, Suggesting Intriguing Developmental Trajectories in Psychiatric Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020 , 5, 923-929	3.4	8
26	Cognitive and Brain Activity Changes After Mnemonic Strategy Training in Amnesic Mild Cognitive Impairment: Evidence From a Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 342	5.3	8

25	[C]PIB PET imaging can detect white and grey matter demyelination in a non-human primate model of progressive multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 35, 108-115	4	7
24	The link between cardiovascular risk, Alzheimer's disease, and mild cognitive impairment: support from recent functional neuroimaging studies. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 344-57	2.6	7
23	The role of neurocognitive functioning, substance use variables and the DSM-5 severity scale in cocaine relapse: A prospective study. <i>Drug and Alcohol Dependence</i> , 2019 , 197, 255-261	4.9	6
22	Framingham Coronary Heart Disease Risk Score Can be Predicted from Structural Brain Images in Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 300	5.3	5
21	Longitudinal brain volumetric changes during one year in non-elderly healthy adults: a voxel-based morphometry study. <i>Brazilian Journal of Medical and Biological Research</i> , 2012 , 45, 516-23	2.8	4
20	Relationship Between PET-Assessed Amyloid Burden and Visual and Verbal Episodic Memory Performance in Elderly Subjects. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 229-244	4.3	4
19	Gray Matter Volume in Elderly adults With ADHD: Associations of Symptoms and Comorbidities With Brain Structures. <i>Journal of Attention Disorders</i> , 2021 , 25, 829-838	3.7	4
18	Altered structural brain asymmetry in autism spectrum disorder: large-scale analysis via the ENIGMA Consortium		3
17	Hippocampal subregional volume changes in elders classified using positron emission tomography-based Alzheimer's biomarkers of amyloid deposition and neurodegeneration. <i>Journal of Neuroscience Research</i> , 2021 , 99, 481-501	4.4	3
16	imaging evidence of poor cognitive resilience to Alzheimer's disease pathology in subjects with very low cognitive reserve from a low-middle income environment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12122	5.2	2
15	Aerobic training modulates salience network and default mode network metabolism in subjects with mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2018 , 19, 616-624	5.3	2
14	Differences in Total Brain Volume between Sexes in a Cognitively Unimpaired Elderly Population. <i>Clinics</i> , 2020 , 75, e2245	2.3	2
13	Myelin imaging measures as predictors of cognitive impairment in MS patients: A hybrid PET-MRI study.. <i>Multiple Sclerosis and Related Disorders</i> , 2022 , 57, 103331	4	2
12	Prefrontal-Parietal White Matter Volumes in Healthy Elderlies Are Decreased in Proportion to the Degree of Cardiovascular Risk and Related to Inhibitory Control Deficits. <i>Frontiers in Psychology</i> , 2017 , 8, 57	3.4	1
11	Extracting Discriminative Information from Medical Images: A Multivariate Linear Approach 2006 ,		1
10	Mnemonic strategy training modulates functional connectivity at rest in mild cognitive impairment: Results from a randomized controlled trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020 , 6, e12075	6	1
9	Prefrontal resting-state connectivity and antidepressant response: no associations in the ELECT-TDCS trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 271, 123-134	5.1	1
8	Callosal abnormalities, altered cortisol levels, and neurocognitive deficits associated with early maltreatment among adolescents: A voxel-based diffusion-tensor imaging study. <i>Brain and Behavior</i> , 2021 , 11, e02009	3.4	1

7	Cortical surface abnormalities are different depending on the stage of schizophrenia: A cross-sectional vertexwise mega-analysis of thickness, area and gyrification. <i>Schizophrenia Research</i> , 2021 , 236, 104-114	3.6	1
6	Author response: Insular and anterior cingulate cortex deep stimulation for central neuropathic pain: Disassembling the percept of pain. <i>Neurology</i> , 2020 , 94, 721-722	6.5	0
5	Gray Matter, Lateral Ventricle Volumes, and Executive Functioning in Cannabis Users with First-Episode Psychosis 2017 , e53-e63		
4	PET and SPECT Studies of Ageing and Cardiovascular Risk Factors for Alzheimer's Disease 2014 , 481-503		
3	Gray and white matter alterations in cocaine addiction: Clinical and methodological aspects. <i>Addiction Biology</i> , 2020 , 25, e12773	4.6	
2	Psychiatric neuroimaging research in Brazil: historical overview, current challenges, and future opportunities. <i>Revista Brasileira De Psiquiatria</i> , 2020 , 43, 83-101	2.6	
1	The Association Between Acquired Color Deficiency and PET Imaging of Neurodegeneration in Mild Cognitive Impairment and Alzheimer Disease. 2022 , 63, 20		