

Raymond Salvador

List of Publications by Citations

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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.

78
papers

6,697
citations

29
h-index

81
g-index

87
ext. papers

7,955
ext. citations

5.2
avg, IF

5.3
L-index

#	Paper	IF	Citations
78	A resilient, low-frequency, small-world human brain functional network with highly connected association cortical hubs. <i>Journal of Neuroscience</i> , 2006 , 26, 63-72	6.6	1843
77	Neurophysiological architecture of functional magnetic resonance images of human brain. <i>Cerebral Cortex</i> , 2005 , 15, 1332-42	5.1	1019
76	Undirected graphs of frequency-dependent functional connectivity in whole brain networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005 , 360, 937-46	5.8	354
75	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018 , 84, 644-654	7.9	325
74	Cognitive-behavioural therapy for the symptoms of schizophrenia: systematic review and meta-analysis with examination of potential bias. <i>British Journal of Psychiatry</i> , 2014 , 204, 20-9	5.4	315
73	Failure to deactivate in the prefrontal cortex in schizophrenia: dysfunction of the default mode network?. <i>Psychological Medicine</i> , 2008 , 38, 1185-93	6.9	251
72	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
71	A simple view of the brain through a frequency-specific functional connectivity measure. <i>NeuroImage</i> , 2008 , 39, 279-89	7.9	176
70	Functional disconnectivity of the medial temporal lobe in Asperger's syndrome. <i>Biological Psychiatry</i> , 2005 , 57, 991-8	7.9	164
69	Medial prefrontal cortex pathology in schizophrenia as revealed by convergent findings from multimodal imaging. <i>Molecular Psychiatry</i> , 2010 , 15, 823-30	15.1	142
68	Physiological thresholds for irreversible tissue damage in contusional regions following traumatic brain injury. <i>Brain</i> , 2005 , 128, 1931-42	11.2	140
67	Direct comparison of cerebrovascular effects of norepinephrine and dopamine in head-injured patients. <i>Critical Care Medicine</i> , 2004 , 32, 1049-54	1.4	127
66	Formal characterization and extension of the linearized diffusion tensor model. <i>Human Brain Mapping</i> , 2005 , 24, 144-55	5.9	126
65	Overall brain connectivity maps show cortico-subcortical abnormalities in schizophrenia. <i>Human Brain Mapping</i> , 2010 , 31, 2003-14	5.9	113
64	Wavelets and statistical analysis of functional magnetic resonance images of the human brain. <i>Statistical Methods in Medical Research</i> , 2003 , 12, 375-99	2.3	102
63	Age and cholinergic effects on hemodynamics and functional coherence of human hippocampus. <i>Neurobiology of Aging</i> , 2006 , 27, 1395-404	5.6	89
62	Validation of the Word Accentuation Test (TAP) as a means of estimating premorbid IQ in Spanish speakers. <i>Schizophrenia Research</i> , 2011 , 128, 175-6	3.6	88

61	Validity of modulation and optimal settings for advanced voxel-based morphometry. <i>NeuroImage</i> , 2014 , 86, 81-90	7.9	79
60	Frequency based mutual information measures between clusters of brain regions in functional magnetic resonance imaging. <i>NeuroImage</i> , 2007 , 35, 83-8	7.9	68
59	Responses of posttraumatic pericontusional cerebral blood flow and blood volume to an increase in cerebral perfusion pressure. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23, 1371-7	7.3	61
58	Bipolar depressed patients show both failure to activate and failure to de-activate during performance of a working memory task. <i>Journal of Affective Disorders</i> , 2013 , 148, 170-8	6.6	58
57	Evaluation of machine learning algorithms and structural features for optimal MRI-based diagnostic prediction in psychosis. <i>PLoS ONE</i> , 2017 , 12, e0175683	3.7	57
56	Relationship between flow-metabolism uncoupling and evolving axonal injury after experimental traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004 , 24, 1025-36	7.3	51
55	Structural abnormalities in bipolar euthymia: a multicontrast molecular diffusion imaging study. <i>Biological Psychiatry</i> , 2014 , 76, 239-48	7.9	49
54	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2016 , 79, 107-16	7.9	40
53	Brain functional changes across the different phases of bipolar disorder. <i>British Journal of Psychiatry</i> , 2015 , 206, 136-44	5.4	40
52	Failure of de-activation in the medial frontal cortex in mania: evidence for default mode network dysfunction in the disorder. <i>World Journal of Biological Psychiatry</i> , 2012 , 13, 616-26	3.8	39
51	Neural correlates of cognitive impairment in schizophrenia. <i>British Journal of Psychiatry</i> , 2011 , 199, 202-10	5.4	35
50	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020 , 218, 116956	7.9	32
49	Conditional mutual information maps as descriptors of net connectivity levels in the brain. <i>Frontiers in Neuroinformatics</i> , 2010 , 4, 115	3.9	29
48	Structural brain changes associated with tardive dyskinesia in schizophrenia. <i>British Journal of Psychiatry</i> , 2013 , 203, 51-7	5.4	28
47	Permutation testing of orthogonal factorial effects in a language-processing experiment using fMRI. <i>Human Brain Mapping</i> , 2006 , 27, 425-33	5.9	28
46	Differential failure to deactivate the default mode network in unipolar and bipolar depression. <i>Bipolar Disorders</i> , 2017 , 19, 386-395	3.8	25
45	Effect of the interleukin-1 β gene on dorsolateral prefrontal cortex function in schizophrenia: a genetic neuroimaging study. <i>Biological Psychiatry</i> , 2012 , 72, 758-65	7.9	25
44	Early metabolic characteristics of lesion and nonlesion tissue after head injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 965-75	7.3	25

43	Brain abnormalities in adults with Attention Deficit Hyperactivity Disorder revealed by voxel-based morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 254, 41-7	2.9	24
42	Midline Brain Abnormalities Across Psychotic and Mood Disorders. <i>Schizophrenia Bulletin</i> , 2016 , 42, 229-38		23
41	Common and specific brain responses to scenic emotional stimuli. <i>Brain Structure and Function</i> , 2014 , 219, 1463-72	4	23
40	On the applicability of Landsat TM images to Mediterranean forest inventories. <i>Forest Ecology and Management</i> , 1998 , 104, 193-208	3.9	22
39	Structural and functional brain changes in delusional disorder. <i>British Journal of Psychiatry</i> , 2016 , 208, 153-9	5.4	21
38	Spherical Deconvolution of Multichannel Diffusion MRI Data with Non-Gaussian Noise Models and Spatial Regularization. <i>PLoS ONE</i> , 2015 , 10, e0138910	3.7	21
37	Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipolar Disorder. <i>PLoS ONE</i> , 2016 , 11, e0158867	3.7	21
36	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2020 ,	5.9	21
35	Functional Imaging Changes in the Medial Prefrontal Cortex in Adult ADHD. <i>Journal of Attention Disorders</i> , 2018 , 22, 679-693	3.7	17
34	Procedural learning in schizophrenia: reconciling the discrepant findings. <i>Biological Psychiatry</i> , 2011 , 69, 49-54	7.9	16
33	Examining hippocampal function in schizophrenia using a virtual reality spatial navigation task. <i>Schizophrenia Research</i> , 2016 , 172, 86-93	3.6	14
32	In vivo hippocampal subfield volumes in bipolar disorder-A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2020 ,	5.9	14
31	Multimodal Integration of Brain Images for MRI-Based Diagnosis in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1203	5.1	14
30	Longitudinal brain functional changes between mania and euthymia in bipolar disorder. <i>Bipolar Disorders</i> , 2019 , 21, 449-457	3.8	11
29	Statistical analysis of brain tissue images in the wavelet domain: wavelet-based morphometry. <i>NeuroImage</i> , 2013 , 72, 214-26	7.9	11
28	Are there valid subtypes of schizophrenia? A grade of membership analysis. <i>Psychopathology</i> , 2010 , 43, 53-62	3.4	10
27	Brain imaging correlates of self- and other-reflection in schizophrenia. <i>NeuroImage: Clinical</i> , 2020 , 25, 102134	5.3	9
26	Deficits in nominal reference identify thought disordered speech in a narrative production task. <i>PLoS ONE</i> , 2018 , 13, e0201545	3.7	9

25	Structural abnormality in schizophrenia versus bipolar disorder: A whole brain cortical thickness, surface area, volume and gyrification analyses. <i>NeuroImage: Clinical</i> , 2020 , 25, 102131	5.3	8
24	Non redundant functional brain connectivity in schizophrenia. <i>Brain Imaging and Behavior</i> , 2017 , 11, 552-564	5.64	7
23	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. <i>Human Brain Mapping</i> , 2021 ,	5.9	7
22	Evidence for default mode network dysfunction in borderline personality disorder. <i>Psychological Medicine</i> , 2020 , 50, 1746-1754	6.9	6
21	Effects of mindfulness training on the default mode network in borderline personality disorder. <i>Clinical Psychology and Psychotherapy</i> , 2019 , 26, 562-571	2.9	5
20	Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. <i>Human Brain Mapping</i> , 2020 ,	5.9	5
19	Cognitive impairment associated with cocaine use: The role of co-existent alcohol abuse/dependence. <i>Drug and Alcohol Dependence</i> , 2018 , 189, 70-75	4.9	5
18	Comparison of non-parametric T relaxometry methods for myelin water quantification. <i>Medical Image Analysis</i> , 2021 , 69, 101959	15.4	4
17	Structural brain abnormalities in borderline personality disorder correlate with clinical severity and predict psychotherapy response. <i>Brain Imaging and Behavior</i> , 2021 , 15, 2502-2512	4.1	3
16	Sensitivity and specificity of hypoactivations and failure of de-activation in schizophrenia. <i>Schizophrenia Research</i> , 2018 , 201, 224-230	3.6	3
15	Auditory hallucinations activate language and verbal short-term memory, but not auditory, brain regions. <i>Scientific Reports</i> , 2021 , 11, 18890	4.9	3
14	Multivariate Brain Functional Connectivity Through Regularized Estimators. <i>Frontiers in Neuroscience</i> , 2020 , 14, 569540	5.1	2
13	CamBAfx: Workflow Design, Implementation and Application for Neuroimaging. <i>Frontiers in Neuroinformatics</i> , 2009 , 3, 27	3.9	2
12	An assessment of the spatial variability of basal area in a terrain covered by Mediterranean woodlands. <i>Agriculture, Ecosystems and Environment</i> , 2000 , 81, 17-28	5.7	2
11	A Parametric Model for Estimating Relations Between Unprecisely Located Field Measurements and Remotely Sensed Data. <i>Remote Sensing of Environment</i> , 1999 , 67, 99-107	13.2	2
10	Autobiographical memory and default mode network function in schizophrenia: an fMRI study. <i>Psychological Medicine</i> , 2021 , 51, 121-128	6.9	2
9	Age- and gender-related differences in brain tissue microstructure revealed by multi-component T relaxometry. <i>Neurobiology of Aging</i> , 2021 , 106, 68-79	5.6	2
8	Patterns of activation and de-activation associated with cue-guided spatial navigation: A whole-brain, voxel-based study. <i>Neuroscience</i> , 2017 , 358, 70-78	3.9	1

7	Neural correlates of disturbance in the sense of agency in schizophrenia: An fMRI study using the TefacementTparadigm. <i>Schizophrenia Research</i> , 2021 ,	3.6	1
6	Interindividual variability of functional connectome in schizophrenia. <i>Schizophrenia Research</i> , 2021 , 235, 65-73	3.6	1
5	Altered brain responses to specific negative emotions in schizophrenia.. <i>NeuroImage: Clinical</i> , 2021 , 32, 102894	5.3	0
4	Activation and deactivation patterns in schizophrenia during performance of an fMRI adapted version of the stroop task. <i>Journal of Psychiatric Research</i> , 2021 , 144, 1-7	5.2	0
3	Brain correlates of impaired goal management in bipolar mania. <i>Psychological Medicine</i> ,1-9	6.9	
2	Combining fMRI and DISC1 gene haplotypes to understand working memory-related brain activity in schizophrenia.. <i>Scientific Reports</i> , 2022 , 12, 7351	4.9	
1	New insights of the role of the KCNH2 gene in schizophrenia: An fMRI case-control study. <i>European Neuropsychopharmacology</i> , 2022 , 60, 38-47	1.2	