

# John Suckling

## List of Publications by Year in descending order

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308  
papers

30,823  
citations

4136

87  
h-index

5532

163  
g-index

344  
all docs

344  
docs citations

344  
times ranked

27087  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	2,211
2	Neuroanatomical abnormalities before and after onset of psychosis: a cross-sectional and longitudinal MRI comparison. <i>Lancet</i> , The, 2003, 361, 281-288.	6.3	1,211
3	Neurophysiological Architecture of Functional Magnetic Resonance Images of Human Brain. <i>Cerebral Cortex</i> , 2005, 15, 1332-1342.	1.6	1,202
4	Global, voxel, and cluster tests, by theory and permutation, for a difference between two groups of structural MR images of the brain. <i>IEEE Transactions on Medical Imaging</i> , 1999, 18, 32-42.	5.4	1,002
5	A meta-analysis of sex differences in human brain structure. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 39, 34-50.	2.9	860
6	Attenuation of the Neural Response to Sad Faces in Major Depression by Antidepressant Treatment. <i>Archives of General Psychiatry</i> , 2004, 61, 877.	13.8	730
7	Colored noise and computational inference in neurophysiological (fMRI) time series analysis: Resampling methods in time and wavelet domains. <i>Human Brain Mapping</i> , 2001, 12, 61-78.	1.9	571
8	Orbitofrontal Dysfunction in Patients with Obsessive-Compulsive Disorder and Their Unaffected Relatives. <i>Science</i> , 2008, 321, 421-422.	6.0	477
9	Structural Abnormalities in Frontal, Temporal, and Limbic Regions and Interconnecting White Matter Tracts in Schizophrenic Patients With Prominent Negative Symptoms. <i>American Journal of Psychiatry</i> , 2001, 158, 234-243.	4.0	451
10	Quantitative multi-parameter mapping of R1, PD*, MT, and R2* at 3T: a multi-center validation. <i>Frontiers in Neuroscience</i> , 2013, 7, 95.	1.4	428
11	Mapping the brain in autism. A voxel-based MRI study of volumetric differences and intercorrelations in autism. <i>Brain</i> , 2004, 128, 268-276.	3.7	420
12	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9105-9110.	3.3	415
13	Undirected graphs of frequency-dependent functional connectivity in whole brain networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 937-946.	1.8	407
14	A quantitative meta-analysis of fMRI studies in bipolar disorder. <i>Bipolar Disorders</i> , 2011, 13, 1-15.	1.1	400
15	Brain anatomy and sensorimotor gating in Asperger's syndrome. <i>Brain</i> , 2002, 125, 1594-1606.	3.7	394
16	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014, 95, 287-304.	2.1	336
17	Brain Imaging Correlates of Depressive Symptom Severity and Predictors of Symptom Improvement After Antidepressant Treatment. <i>Biological Psychiatry</i> , 2007, 62, 407-414.	0.7	335
18	Dynamic Contrast Enhanced MRI of Prostate Cancer: Correlation with Morphology and Tumour Stage, Histological Grade and PSA. <i>Clinical Radiology</i> , 2000, 55, 99-109.	0.5	320

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19	Atypical neural self-representation in autism. <i>Brain</i> , 2010, 133, 611-624.	3.7	313
20	Shared Neural Circuits for Mentalizing about the Self and Others. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1623-1635.	1.1	309
21	Neural Responses to Sad Facial Expressions in Major Depression Following Cognitive Behavioral Therapy. <i>Biological Psychiatry</i> , 2008, 64, 505-512.	0.7	297
22	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2009, 65, 550-555.	0.7	274
23	Fractional Gaussian noise, functional MRI and Alzheimer's disease. <i>NeuroImage</i> , 2005, 25, 141-158.	2.1	264
24	Evidence-based prevention of Alzheimer's disease: systematic review and meta-analysis of 243 observational prospective studies and 153 randomised controlled trials. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1201-1209.	0.9	258
25	Neural systems underlying British Sign Language and audio-visual English processing in native users. <i>Brain</i> , 2002, 125, 1583-1593.	3.7	251
26	Neural Responses to Happy Facial Expressions in Major Depression Following Antidepressant Treatment. <i>American Journal of Psychiatry</i> , 2007, 164, 599-607.	4.0	244
27	Different Effects of Typical and Atypical Antipsychotics on Grey Matter in First Episode Psychosis: the Å†SOP Study. <i>Neuropsychopharmacology</i> , 2005, 30, 765-774.	2.8	243
28	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013, 136, 2799-2815.	3.7	239
29	Brain Anatomy and Its Relationship to Behavior in Adults With Autism Spectrum Disorder. <i>Archives of General Psychiatry</i> , 2012, 69, 195.	13.8	238
30	Exploring the Social Brain in Schizophrenia: Left Prefrontal Underactivation During Mental State Attribution. <i>American Journal of Psychiatry</i> , 2000, 157, 2040-2042.	4.0	235
31	Functional Dysconnectivity of Corticostriatal Circuitry as a Risk Phenotype for Psychosis. <i>JAMA Psychiatry</i> , 2013, 70, 1143.	6.0	233
32	Wavelets and functional magnetic resonance imaging of the human brain. <i>NeuroImage</i> , 2004, 23, S234-S249.	2.1	231
33	Prediction of Clinicopathologic Response of Breast Cancer to Primary Chemotherapy at Contrast-enhanced MR Imaging: Initial Clinical Results. <i>Radiology</i> , 2006, 239, 361-374.	3.6	224
34	Explicit and Implicit Facial Affect Recognition in Manic and Depressed States of Bipolar Disorder: A Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2006, 59, 31-39.	0.7	221
35	The structural brain correlates of neurological soft signs in AeSOP first-episode psychoses study. <i>Brain</i> , 2004, 127, 143-153.	3.7	211
36	Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder. <i>British Journal of Psychiatry</i> , 2005, 186, 369-377.	1.7	206

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37	Frontotemporal white matter changes in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2005, 252, 321-331.	1.8	202
38	Brain Surface Anatomy in Adults With Autism. <i>JAMA Psychiatry</i> , 2013, 70, 59.	6.0	199
39	Functional Coupling of the Amygdala in Depressed Patients Treated with Antidepressant Medication. <i>Neuropsychopharmacology</i> , 2008, 33, 1909-1918.	2.8	196
40	Cortical substrates for the perception of face actions: an fMRI study of the specificity of activation for seen speech and for meaningless lower-face acts (gurning). <i>Cognitive Brain Research</i> , 2001, 12, 233-243.	3.3	193
41	Probing tumor microvasculature by measurement, analysis and display of contrast agent uptake kinetics. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 564-574.	1.9	191
42	Functional disconnectivity of the medial temporal lobe in Asperger's syndrome. <i>Biological Psychiatry</i> , 2005, 57, 991-998.	0.7	191
43	White Matter Abnormalities in Patients With Obsessive-Compulsive Disorder and Their First-Degree Relatives. <i>American Journal of Psychiatry</i> , 2008, 165, 1308-1315.	4.0	185
44	Distributed grey and white matter deficits in hyperkinetic disorder: MRI evidence for anatomical abnormality in an attentional network. <i>Psychological Medicine</i> , 2001, 31, 1425-1435.	2.7	178
45	Cerebral grey, white matter and csf in never-medicated, first-episode schizophrenia. <i>Schizophrenia Research</i> , 2007, 89, 12-21.	1.1	170
46	Depersonalization disorder: thinking without feeling. <i>Psychiatry Research - Neuroimaging</i> , 2001, 108, 145-160.	0.9	166
47	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003, 126, 1767-1781.	3.7	162
48	A functional MRI study of working memory task in euthymic bipolar disorder: evidence for task-specific dysfunction. <i>Bipolar Disorders</i> , 2004, 6, 550-564.	1.1	161
49	Endogenous Human Brain Dynamics Recover Slowly Following Cognitive Effort. <i>PLoS ONE</i> , 2009, 4, e6626.	1.1	161
50	A Computational Morphometric MRI Study of Schizophrenia: Effects of Hallucinations. <i>Cerebral Cortex</i> , 2002, 12, 1331-1341.	1.6	159
51	A Longitudinal Functional Magnetic Resonance Imaging Study of Verbal Working Memory in Depression After Antidepressant Therapy. <i>Biological Psychiatry</i> , 2007, 62, 1236-1243.	0.7	159
52	Structural brain abnormalities associated with deletion at chromosome 22q11. <i>British Journal of Psychiatry</i> , 2001, 178, 412-419.	1.7	156
53	A modified fuzzy clustering algorithm for operator independent brain tissue classification of dual echo MR images. <i>Magnetic Resonance Imaging</i> , 1999, 17, 1065-1076.	1.0	148
54	A Functional Magnetic Resonance Imaging Study of Overt Letter Verbal Fluency Using a Clustered Acquisition Sequence: Greater Anterior Cingulate Activation with Increased Task Demand. <i>NeuroImage</i> , 2002, 17, 871-879.	2.1	147

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55	Distinct patterns of grey matter abnormality in high-functioning autism and Asperger's syndrome. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 1287-1295.	3.1	147
56	Meta-analytic evidence for neuroimaging models of depression: State or trait?. <i>Journal of Affective Disorders</i> , 2013, 151, 423-431.	2.0	146
57	A Shift to Randomness of Brain Oscillations in People with Autism. <i>Biological Psychiatry</i> , 2010, 68, 1092-1099.	0.7	145
58	Effects of Androgen Deprivation on Prostatic Morphology and Vascular Permeability Evaluated with MR Imaging. <i>Radiology</i> , 2001, 218, 365-374.	3.6	143
59	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020, 25, 614-628.	4.1	141
60	Neural response to pleasant stimuli in anhedonia: an fMRI study. <i>NeuroReport</i> , 2003, 14, 177-182.	0.6	139
61	The default mode network is disrupted in parkinson's disease with visual hallucinations. <i>Human Brain Mapping</i> , 2014, 35, 5658-5666.	1.9	138
62	Reduced levels of GABA-benzodiazepine receptor in alcohol dependency in the absence of grey matter atrophy. <i>British Journal of Psychiatry</i> , 1998, 173, 116-122.	1.7	136
63	Fronto-cerebellar systems are associated with infant motor and adult executive functions in healthy adults but not in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15651-15656.	3.3	135
64	The benefit of minocycline on negative symptoms of schizophrenia in patients with recent-onset psychosis (BeneMin): a randomised, double-blind, placebo-controlled trial. <i>Lancet Psychiatry</i> , 2018, 5, 885-894.	3.7	133
65	Monofractal and multifractal dynamics of low frequency endogenous brain oscillations in functional MRI. <i>Human Brain Mapping</i> , 2008, 29, 791-801.	1.9	127
66	Generic aspects of complexity in brain imaging data and other biological systems. <i>NeuroImage</i> , 2009, 47, 1125-1134.	2.1	126
67	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , 2020, 410, 237-270.	3.5	121
68	Wavelets and statistical analysis of functional magnetic resonance images of the human brain. <i>Statistical Methods in Medical Research</i> , 2003, 12, 375-399.	0.7	119
69	Mapping brain structure in attention deficit-hyperactivity disorder: A voxel-based MRI study of regional grey and white matter volume. <i>Psychiatry Research - Neuroimaging</i> , 2007, 154, 171-180.	0.9	118
70	Frontal networks in adults with autism spectrum disorder. <i>Brain</i> , 2016, 139, 616-630.	3.7	118
71	Effects of $\gamma$ -Aminobutyric Acid-Modulating Drugs on Working Memory and Brain Function in Patients With Schizophrenia. <i>Archives of General Psychiatry</i> , 2007, 64, 156.	13.8	116
72	Atypical lateralization of motor circuit functional connectivity in children with autism is associated with motor deficits. <i>Molecular Autism</i> , 2016, 7, 35.	2.6	115

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73	Response Perseveration in Stimulant Dependence Is Associated with Striatal Dysfunction and Can Be Ameliorated by a D2/3 Receptor Agonist. <i>Biological Psychiatry</i> , 2011, 70, 754-762.	0.7	113
74	Standardized structural magnetic resonance imaging in multicentre studies using quantitative T 1 and T 2 imaging at 1.5ÅT. <i>NeuroImage</i> , 2008, 40, 662-671.	2.1	110
75	Improving mood with psychoanalytic and cognitive therapies (IMPACT): a pragmatic effectiveness superiority trial to investigate whether specialised psychological treatment reduces the risk for relapse in adolescents with moderate to severe unipolar depression: study protocol for a randomised controlled trial. <i>Trials</i> , 2011, 12, 175.	0.7	106
76	Aberrant NF-KappaB Expression in Autism Spectrum Condition: A Mechanism for Neuroinflammation. <i>Frontiers in Psychiatry</i> , 2011, 2, 27.	1.3	105
77	Age and cholinergic effects on hemodynamics and functional coherence of human hippocampus. <i>Neurobiology of Aging</i> , 2006, 27, 1395-1404.	1.5	104
78	Variations in the human cannabinoid receptor (CNR1) gene modulate striatal responses to happy faces. <i>European Journal of Neuroscience</i> , 2006, 23, 1944-1948.	1.2	103
79	White matter volume changes in people who develop psychosis. <i>British Journal of Psychiatry</i> , 2008, 193, 210-215.	1.7	103
80	Cortical structural differences in major depressive disorder correlate with cell type-specific transcriptional signatures. <i>Nature Communications</i> , 2021, 12, 1647.	5.8	103
81	Cognitive Training Using a Novel Memory Game on an iPad in Patients with Amnesic Mild Cognitive Impairment (aMCI). <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 624-633.	1.0	100
82	fMRI study of recognition of facial expressions in high-functioning autistic patients. <i>NeuroReport</i> , 2003, 14, 559-563.	0.6	99
83	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13222-13227.	3.3	99
84	Inflammation and Brain Structure in Schizophrenia and Other Neuropsychiatric Disorders. <i>JAMA Psychiatry</i> , 2022, 79, 498.	6.0	99
85	Effects of Psychotic State and Task Demand on Prefrontal Function in Schizophrenia: An fMRI Study of Overt Verbal Fluency. <i>American Journal of Psychiatry</i> , 2005, 162, 485-494.	4.0	97
86	Endogenous multifractal brain dynamics are modulated by age, cholinergic blockade and cognitive performance. <i>Journal of Neuroscience Methods</i> , 2008, 174, 292-300.	1.3	96
87	Conservative and disruptive modes of adolescent change in human brain functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3248-3253.	3.3	96
88	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 46-53.	1.1	94
89	Influence of Compulsivity of Drug Abuse on Dopaminergic Modulation of Attentional Bias in Stimulant Dependence. <i>Archives of General Psychiatry</i> , 2010, 67, 632.	13.8	94
90	Intrinsic excitation-inhibition imbalance affects medial prefrontal cortex differently in autistic men versus women. <i>ELife</i> , 2020, 9, .	2.8	94

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91	Permutation tests for factorially designed neuroimaging experiments. <i>Human Brain Mapping</i> , 2004, 22, 193-205.	1.9	92
92	Longitudinal Changes in Total Brain Volume in Schizophrenia: Relation to Symptom Severity, Cognition and Antipsychotic Medication. <i>PLoS ONE</i> , 2014, 9, e101689.	1.1	92
93	Procedural learning in schizophrenia: a functional magnetic resonance imaging investigation. <i>Schizophrenia Research</i> , 2002, 57, 97-107.	1.1	91
94	The Structural Brain Correlates of Neurological Soft Signs in Healthy Individuals. <i>Cerebral Cortex</i> , 2006, 16, 1225-1231.	1.6	90
95	A positron emission tomography study of nigro-striatal dopaminergic mechanisms underlying attention: implications for ADHD and its treatment. <i>Brain</i> , 2013, 136, 3252-3270.	3.7	90
96	Gray matter abnormalities associated with duration of untreated psychosis. <i>Schizophrenia Research</i> , 2006, 83, 145-153.	1.1	89
97	Grey matter abnormalities in trichotillomania: morphometric magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2008, 193, 216-221.	1.7	88
98	Are Groups More (or Less) Consistent Than Individuals?. <i>Journal of Risk and Uncertainty</i> , 1999, 18, 63-81.	0.8	87
99	Insight, grey matter and cognitive function in first-onset psychosis. <i>British Journal of Psychiatry</i> , 2010, 197, 141-148.	1.7	87
100	Neural self-representation in autistic women and association with "compensatory camouflaging"™. <i>Autism</i> , 2019, 23, 1210-1223.	2.4	86
101	Magnetic Resonance Imaging Workbench: Analysis and Visualization of Dynamic Contrast-enhanced MR Imaging Data. <i>Radiographics</i> , 2006, 26, 621-632.	1.4	82
102	Frequency based mutual information measures between clusters of brain regions in functional magnetic resonance imaging. <i>NeuroImage</i> , 2007, 35, 83-88.	2.1	82
103	Atypically rightward cerebral asymmetry in male adults with autism stratifies individuals with and without language delay. <i>Human Brain Mapping</i> , 2016, 37, 230-253.	1.9	82
104	Hemispheric preference in visuospatial processing: A complementary approach with fMRI and lesion studies. , 2000, 10, 80-86.		81
105	Widespread anatomical abnormalities of grey and white matter structure in tuberous sclerosis. <i>Psychological Medicine</i> , 2001, 31, 1437-1446.	2.7	80
106	Identifying Rate-Limiting Nodes in Large-Scale Cortical Networks for Visuospatial Processing: An Illustration using fMRI. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 537-545.	1.1	80
107	Increased duration of illness is associated with reduced volume in right medial temporal/anterior cingulate grey matter in patients with chronic schizophrenia. <i>Schizophrenia Research</i> , 2002, 57, 43-49.	1.1	80
108	"Reading the Mind in the Eyes"™: an fMRI study of adolescents with autism and their siblings. <i>Psychological Medicine</i> , 2014, 44, 3215-3227.	2.7	80

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109	Differential effects on white-matter systems in high-functioning autism and Asperger's syndrome. <i>Psychological Medicine</i> , 2009, 39, 1885-1893.	2.7	78
110	A novel functional brain imaging endophenotype of autism: the neural response to facial expression of emotion. <i>Translational Psychiatry</i> , 2011, 1, e19-e19.	2.4	78
111	The effect of pre-mutation of X chromosome CGG trinucleotide repeats on brain anatomy. <i>Brain</i> , 2004, 127, 2672-2681.	3.7	74
112	The impact of neuroscience on society: cognitive enhancement in neuropsychiatric disorders and in healthy people. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140214.	1.8	74
113	Whole-brain functional hypoconnectivity as an endophenotype of autism in adolescents. <i>NeuroImage: Clinical</i> , 2015, 9, 140-152.	1.4	70
114	Neuroanatomical Abnormalities and Cognitive Impairments Are Shared by Adults with Attention-Deficit/Hyperactivity Disorder and Their Unaffected First-Degree Relatives. <i>Biological Psychiatry</i> , 2014, 76, 639-647.	0.7	69
115	Searching for a structural endophenotype in psychosis using computational morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2003, 122, 153-167.	0.9	67
116	The brain structural disposition to social interaction. <i>European Journal of Neuroscience</i> , 2009, 29, 2247-2252.	1.2	66
117	Dispersed activation in the left temporal cortex for speech-reading in congenitally deaf people. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 451-457.	1.2	65
118	Partially impaired functional connectivity states between right anterior insula and default mode network in autism spectrum disorder. <i>Human Brain Mapping</i> , 2019, 40, 1264-1275.	1.9	65
119	From molecules to neural morphology: understanding neuroinflammation in autism spectrum condition. <i>Molecular Autism</i> , 2016, 7, 9.	2.6	63
120	Graph theory analysis of complex brain networks: new concepts in brain mapping applied to neurosurgery. <i>Journal of Neurosurgery</i> , 2016, 124, 1665-1678.	0.9	63
121	Standardized Whole Brain Mapping of Tubers and Subependymal Nodules in Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2004, 19, 658-665.	0.7	62
122	INTRINSIC CURVATURE: A MARKER OF MILLIMETER-SCALE TANGENTIAL CORTICO-CORTICAL CONNECTIVITY?. <i>International Journal of Neural Systems</i> , 2011, 21, 351-366.	3.2	62
123	Multivariate and repeated measures (MRM): A new toolbox for dependent and multimodal group-level neuroimaging data. <i>NeuroImage</i> , 2016, 132, 373-389.	2.1	61
124	Removal of extracerebral tissues in dual-echo magnetic resonance images via linear scale-space features. <i>Magnetic Resonance Imaging</i> , 1999, 17, 247-256.	1.0	60
125	Age-related grey matter volume correlates of response inhibition and shifting in attention-deficit hyperactivity disorder. <i>British Journal of Psychiatry</i> , 2009, 194, 123-129.	1.7	60
126	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016, 6, 35333.	1.6	60



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127	The functional neuroanatomy of schizophrenic subsyndromes. <i>Psychological Medicine</i> , 2003, 33, 1007-1018.	2.7	59
128	Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. <i>European Journal of Neuroscience</i> , 2004, 19, 1505-1512.	1.2	59
129	Dynamic Reorganization of Functional Connectivity Reveals Abnormal Temporal Efficiency in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 659-669.	2.3	59
130	Schizotypy-Related Magnetization of Cortex in Healthy Adolescence Is Colocated With Expression of Schizophrenia-Related Genes. <i>Biological Psychiatry</i> , 2020, 88, 248-259.	0.7	59
131	Default Mode Hypoconnectivity Underlies a Sex-Related Autism Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 364-371.	1.1	58
132	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. <i>JAMA Psychiatry</i> , 2017, 74, 329.	6.0	57
133	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 46-53.	1.1	56
134	Early striatal hypertrophy in first-episode psychosis within 3 weeks of initiating antipsychotic drug treatment. <i>Psychological Medicine</i> , 2009, 39, 793-800.	2.7	55
135	Resting activity in visual and corticostriatal pathways in Parkinson's disease with hallucinations. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 131-137.	1.1	55
136	Functional magnetic resonance imaging. <i>International Review of Psychiatry</i> , 2001, 13, 24-33.	1.4	54
137	Failure to deactivate the default mode network indicates a possible endophenotype of autism. <i>Molecular Autism</i> , 2012, 3, 15.	2.6	53
138	Multimodal MRI of the hippocampus in Parkinson's disease with visual hallucinations. <i>Brain Structure and Function</i> , 2016, 221, 287-300.	1.2	53
139	A functional magnetic resonance imaging study of overt letter verbal fluency using a clustered acquisition sequence: greater anterior cingulate activation with increased task demand. <i>NeuroImage</i> , 2002, 17, 871-9.	2.1	53
140	Individual differences in brain structure underpin empathizing and systemizing cognitive styles in male adults. <i>NeuroImage</i> , 2012, 61, 1347-1354.	2.1	52
141	Genetic, cellular, and connectomic characterization of the brain regions commonly plagued by glioma. <i>Brain</i> , 2020, 143, 3294-3307.	3.7	52
142	Ensemble Deep Learning on Large, Mixed-Site fMRI Datasets in Autism and Other Tasks. <i>International Journal of Neural Systems</i> , 2020, 30, 2050012.	3.2	52
143	Reduced volume of parietal and frontal association areas in patients with schizophrenia characterized by passivity delusions. <i>Psychological Medicine</i> , 2005, 35, 783-789.	2.7	50
144	Psychological Correlates of Handedness and Corpus Callosum Asymmetry in Autism: The left Hemisphere Dysfunction Theory Revisited. <i>Journal of Autism and Developmental Disorders</i> , 2013, 43, 1758-1772.	1.7	49

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145	Connectome analysis for pre-operative brain mapping in neurosurgery. <i>British Journal of Neurosurgery</i> , 2016, 30, 506-517.	0.4	48
146	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. <i>ELife</i> , 2021, 10, .	2.8	47
147	Grey matter abnormalities in first-episode schizophrenia and affective psychosis. <i>British Journal of Psychiatry</i> , 2007, 191, s111-s116.	1.7	46
148	Consistency and interpretation of changes in millimeter-scale cortical intrinsic curvature across three independent datasets in schizophrenia. <i>NeuroImage</i> , 2012, 63, 611-621.	2.1	46
149	Effects of ketamine on prefrontal and striatal regions in an overt verbal fluency task: a functional magnetic resonance imaging study. <i>Psychopharmacology</i> , 2005, 183, 92-102.	1.5	45
150	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. <i>Cerebral Cortex</i> , 2015, 25, 3613-3628.	1.6	45
151	Frequency and longitudinal clinical outcomes of Alzheimer's AT(N) biomarker profiles: A longitudinal study. <i>Alzheimer's and Dementia</i> , 2019, 15, 1208-1217.	0.4	45
152	Practice and Difficulty Evoke Anatomically and Pharmacologically Dissociable Brain Activation Dynamics. <i>Cerebral Cortex</i> , 2003, 13, 144-154.	1.6	44
153	Voxel-based structural magnetic resonance imaging (MRI) study of patients with early onset schizophrenia. <i>Annals of General Psychiatry</i> , 2008, 7, 25.	1.2	44
154	The neurobiology of addiction: the perspective from magnetic resonance imaging present and future. <i>Addiction</i> , 2017, 112, 360-369.	1.7	44
155	Power calculations for multicenter imaging studies controlled by the false discovery rate. <i>Human Brain Mapping</i> , 2010, 31, 1183-1195.	1.9	43
156	A longitudinal fMRI study of the manic and euthymic states of bipolar disorder. <i>Bipolar Disorders</i> , 2010, 12, 344-347.	1.1	43
157	Components of variance in a multicentre functional MRI study and implications for calculation of statistical power. <i>Human Brain Mapping</i> , 2008, 29, 1111-1122.	1.9	42
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