

John Suckling

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.

302
papers

24,454
citations

81
h-index

151
g-index

343
ext. papers

28,154
ext. citations

6.3
avg, IF

6.54
L-index

#	Paper	IF	Citations
302	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
301	Neuroanatomical abnormalities before and after onset of psychosis: a cross-sectional and longitudinal MRI comparison. <i>Lancet, The</i> , 2003 , 361, 281-8	40	1044
300	Neurophysiological architecture of functional magnetic resonance images of human brain. <i>Cerebral Cortex</i> , 2005 , 15, 1332-42	5.1	1019
299	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	11.7	839
298	Attenuation of the neural response to sad faces in major depression by antidepressant treatment: a prospective, event-related functional magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 2004 , 61, 877-89		650
297	A meta-analysis of sex differences in human brain structure. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 39, 34-50	9	617
296	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	5.9	498
295	Orbitofrontal dysfunction in patients with obsessive-compulsive disorder and their unaffected relatives. <i>Science</i> , 2008 , 321, 421-2	33.3	420
294	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, 234-43	11.9	398
293	Mapping the brain in autism. A voxel-based MRI study of volumetric differences and intercorrelations in autism. <i>Brain</i> , 2005 , 128, 268-76	11.2	361
292	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
291	Brain anatomy and sensorimotor gating in Asperger's syndrome. <i>Brain</i> , 2002 , 125, 1594-606	11.2	347
290	A quantitative meta-analysis of fMRI studies in bipolar disorder. <i>Bipolar Disorders</i> , 2011 , 13, 1-15	3.8	321
289	Quantitative multi-parameter mapping of R1, PD(*), MT, and R2(*) at 3T: a multi-center validation. <i>Frontiers in Neuroscience</i> , 2013 , 7, 95	5.1	301
288	Brain imaging correlates of depressive symptom severity and predictors of symptom improvement after antidepressant treatment. <i>Biological Psychiatry</i> , 2007 , 62, 407-14	7.9	282
287	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	2.9	279
286	Neural responses to sad facial expressions in major depression following cognitive behavioral therapy. <i>Biological Psychiatry</i> , 2008 , 64, 505-12	7.9	257

285	Shared neural circuits for mentalizing about the self and others. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 1623-35	3.1	256
284	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, 9105-10	11.5	255
283	Atypical neural self-representation in autism. <i>Brain</i> , 2010 , 133, 611-24	11.2	253
282	Atomoxetine modulates right inferior frontal activation during inhibitory control: a pharmacological functional magnetic resonance imaging study. <i>Biological Psychiatry</i> , 2009 , 65, 550-5	7.9	232
281	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014 , 95, 287-304	7.9	229
280	Neural responses to happy facial expressions in major depression following antidepressant treatment. <i>American Journal of Psychiatry</i> , 2007 , 164, 599-607	11.9	221
279	Fractional Gaussian noise, functional MRI and Alzheimer's disease. <i>NeuroImage</i> , 2005 , 25, 141-58	7.9	215
278	Different effects of typical and atypical antipsychotics on grey matter in first episode psychosis: the AESOP study. <i>Neuropsychopharmacology</i> , 2005 , 30, 765-74	8.7	213
277	Exploring the social brain in schizophrenia: left prefrontal underactivation during mental state attribution. <i>American Journal of Psychiatry</i> , 2000 , 157, 2040-2	11.9	211
276	Prediction of clinicopathologic response of breast cancer to primary chemotherapy at contrast-enhanced MR imaging: initial clinical results. <i>Radiology</i> , 2006 , 239, 361-74	20.5	209
275	Neural systems underlying British Sign Language and audio-visual English processing in native users. <i>Brain</i> , 2002 , 125, 1583-93	11.2	209
274	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013 , 136, 2799-815	11.2	198
273	Brain anatomy and its relationship to behavior in adults with autism spectrum disorder: a multicenter magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 2012 , 69, 195-209		195
272	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, 31-9	7.9	192
271	Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder: computational morphometry study. <i>British Journal of Psychiatry</i> , 2005 , 186, 369-77	5.4	192
270	The structural brain correlates of neurological soft signs in AESOP first-episode psychoses study. <i>Brain</i> , 2004 , 127, 143-53	11.2	187
269	Probing tumor microvasculature by measurement, analysis and display of contrast agent uptake kinetics. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 564-74	5.6	181
268	Frontotemporal white matter changes in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2005 , 252, 321-31	5.5	175

267	Wavelets and functional magnetic resonance imaging of the human brain. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S234-49	7.9	173
266	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, 233-43		172
265	Functional coupling of the amygdala in depressed patients treated with antidepressant medication. <i>Neuropsychopharmacology</i> , 2008 , 33, 1909-18	8.7	170
264	Functional dysconnectivity of corticostriatal circuitry as a risk phenotype for psychosis. <i>JAMA Psychiatry</i> , 2013 , 70, 1143-51	14.5	168
263	White matter abnormalities in patients with obsessive-compulsive disorder and their first-degree relatives. <i>American Journal of Psychiatry</i> , 2008 , 165, 1308-15	11.9	166
262	Functional disconnectivity of the medial temporal lobe in Asperger's syndrome. <i>Biological Psychiatry</i> , 2005 , 57, 991-8	7.9	164
261	Cerebral grey, white matter and csf in never-medicated, first-episode schizophrenia. <i>Schizophrenia Research</i> , 2007 , 89, 12-21	3.6	161
260	Distributed grey and white matter deficits in hyperkinetic disorder: MRI evidence for anatomical abnormality in an attentional network. <i>Psychological Medicine</i> , 2001 , 31, 1425-35	6.9	160
259	Brain surface anatomy in adults with autism: the relationship between surface area, cortical thickness, and autistic symptoms. <i>JAMA Psychiatry</i> , 2013 , 70, 59-70	14.5	154
258	A functional MRI study of working memory task in euthymic bipolar disorder: evidence for task-specific dysfunction. <i>Bipolar Disorders</i> , 2004 , 6, 550-64	3.8	147
257	Structural brain abnormalities associated with deletion at chromosome 22q11: quantitative neuroimaging study of adults with velo-cardio-facial syndrome. <i>British Journal of Psychiatry</i> , 2001 , 178, 412-9	5.4	143
256	A longitudinal functional magnetic resonance imaging study of verbal working memory in depression after antidepressant therapy. <i>Biological Psychiatry</i> , 2007 , 62, 1236-43	7.9	137
255	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	7.9	137
254	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003 , 126, 1767-81	11.2	135
253	A modified fuzzy clustering algorithm for operator independent brain tissue classification of dual echo MR images. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 1065-76	3.3	133
252	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, 1287-95	7.9	132
251	A computational morphometric MRI study of schizophrenia: effects of hallucinations. <i>Cerebral Cortex</i> , 2002 , 12, 1331-41	5.1	132
250	Depersonalization disorder: thinking without feeling. <i>Psychiatry Research - Neuroimaging</i> , 2001 , 108, 145-60	2.9	131

249	Effects of androgen deprivation on prostatic morphology and vascular permeability evaluated with mr imaging. <i>Radiology</i> , 2001 , 218, 365-74	20.5	130
248	Endogenous human brain dynamics recover slowly following cognitive effort. <i>PLoS ONE</i> , 2009 , 4, e6626	3.7	129
247	Neural response to pleasant stimuli in anhedonia: an fMRI study. <i>NeuroReport</i> , 2003 , 14, 177-82	1.7	127
246	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, 15651-6	11.5	121
245	Meta-analytic evidence for neuroimaging models of depression: state or trait?. <i>Journal of Affective Disorders</i> , 2013 , 151, 423-431	6.6	120
244	A shift to randomness of brain oscillations in people with autism. <i>Biological Psychiatry</i> , 2010 , 68, 1092-9	7.9	115
243	Reduced levels of GABA-benzodiazepine receptor in alcohol dependency in the absence of grey matter atrophy. <i>British Journal of Psychiatry</i> , 1998 , 173, 116-22	5.4	105
242	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
241	The default mode network is disrupted in Parkinson's disease with visual hallucinations. <i>Human Brain Mapping</i> , 2014 , 35, 5658-66	5.9	100
240	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, 171-80	2.9	99
239	Generic aspects of complexity in brain imaging data and other biological systems. <i>NeuroImage</i> , 2009 , 47, 1125-34	7.9	98
238	Standardized structural magnetic resonance imaging in multicentre studies using quantitative T1 and T2 imaging at 1.5 T. <i>NeuroImage</i> , 2008 , 40, 662-671	7.9	97
237	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	5.5	94
236	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, 485-94	11.9	91
235	Variations in the human cannabinoid receptor (CNR1) gene modulate striatal responses to happy faces. <i>European Journal of Neuroscience</i> , 2006 , 23, 1944-8	3.5	91
234	White matter volume changes in people who develop psychosis. <i>British Journal of Psychiatry</i> , 2008 , 193, 210-5	5.4	90
233	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, 156-67		90
232	Age and cholinergic effects on hemodynamics and functional coherence of human hippocampus. <i>Neurobiology of Aging</i> , 2006 , 27, 1395-404	5.6	89

231	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	23.3	88
230	Response perseveration in stimulant dependence is associated with striatal dysfunction and can be ameliorated by a D(2/3) receptor agonist. <i>Biological Psychiatry</i> , 2011 , 70, 754-762	7.9	87
229	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , 2007 , 46, 46-53	3.3	87
228	fMRI study of recognition of facial expressions in high-functioning autistic patients. <i>NeuroReport</i> , 2003 , 14, 559-63	1.7	87
227	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	2.8	86
226	Influence of compulsivity of drug abuse on dopaminergic modulation of attentional bias in stimulant dependence. <i>Archives of General Psychiatry</i> , 2010 , 67, 632-44		84
225	Procedural learning in schizophrenia: a functional magnetic resonance imaging investigation. <i>Schizophrenia Research</i> , 2002 , 57, 97-107	3.6	84
224	Frontal networks in adults with autism spectrum disorder. <i>Brain</i> , 2016 , 139, 616-30	11.2	83
223	Grey matter abnormalities in trichotillomania: morphometric magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2008 , 193, 216-21	5.4	83
222	Monofractal and multifractal dynamics of low frequency endogenous brain oscillations in functional MRI. <i>Human Brain Mapping</i> , 2008 , 29, 791-801	5.9	83
221	Permutation tests for factorially designed neuroimaging experiments. <i>Human Brain Mapping</i> , 2004 , 22, 193-205	5.9	80
220	Insight, grey matter and cognitive function in first-onset psychosis. <i>British Journal of Psychiatry</i> , 2010 , 197, 141-8	5.4	79
219	Aberrant NF-kappaB expression in autism spectrum condition: a mechanism for neuroinflammation. <i>Frontiers in Psychiatry</i> , 2011 , 2, 27	5	78
218	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, 43-9	3.6	78
217	Atypical lateralization of motor circuit functional connectivity in children with autism is associated with motor deficits. <i>Molecular Autism</i> , 2016 , 7, 35	6.5	76
216	The structural brain correlates of neurological soft signs in healthy individuals. <i>Cerebral Cortex</i> , 2006 , 16, 1225-31	5.1	76
215	Differential effects on white-matter systems in high-functioning autism and Asperger's syndrome. <i>Psychological Medicine</i> , 2009 , 39, 1885-93	6.9	75
214	Informatics in Radiology (infoRAD): Magnetic Resonance Imaging Workbench: analysis and visualization of dynamic contrast-enhanced MR imaging data. <i>Radiographics</i> , 2006 , 26, 621-32	5.4	73

213	Gray matter abnormalities associated with duration of untreated psychosis. <i>Schizophrenia Research</i> , 2006 , 83, 145-53	3.6	73
212	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, 13222-7	11.5	72
211	A positron emission tomography study of nigro-striatal dopaminergic mechanisms underlying attention: implications for ADHD and its treatment. <i>Brain</i> , 2013 , 136, 3252-70	11.2	72
210	Identifying rate-limiting nodes in large-scale cortical networks for visuospatial processing: an illustration using fMRI. <i>Journal of Cognitive Neuroscience</i> , 2001 , 13, 537-45	3.1	71
209	Widespread anatomical abnormalities of grey and white matter structure in tuberous sclerosis. <i>Psychological Medicine</i> , 2001 , 31, 1437-46	6.9	71
208	Hemispheric preference in visuospatial processing: a complementary approach with fMRI and lesion studies. <i>Human Brain Mapping</i> , 2000 , 10, 80-6	5.9	69
207	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
206	Longitudinal changes in total brain volume in schizophrenia: relation to symptom severity, cognition and antipsychotic medication. <i>PLoS ONE</i> , 2014 , 9, e101689	3.7	68
205	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , 2020 , 410, 237-270	5.4	67
204	A novel functional brain imaging endophenotype of autism: the neural response to facial expression of emotion. <i>Translational Psychiatry</i> , 2011 , 1, e19	8.6	66
203	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	15.1	64
202	Endogenous multifractal brain dynamics are modulated by age, cholinergic blockade and cognitive performance. <i>Journal of Neuroscience Methods</i> , 2008 , 174, 292-300	3	62
201	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	5.8	61
200	The brain structural disposition to social interaction. <i>European Journal of Neuroscience</i> , 2009 , 29, 2247-53	5.5	61
199	The effect of pre-mutation of X chromosome CGG trinucleotide repeats on brain anatomy. <i>Brain</i> , 2004 , 127, 2672-81	11.2	60
198	Are Groups More (or Less) Consistent Than Individuals?. <i>Journal of Risk and Uncertainty</i> , 1999 , 18, 63-81	3.1	60
197	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	5.8	59
196	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, 639-47	7.9	59

195	Searching for a structural endophenotype in psychosis using computational morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2003 , 122, 153-67	2.9	57
194	Standardized whole brain mapping of tubers and subependymal nodules in tuberous sclerosis complex. <i>Journal of Child Neurology</i> , 2004 , 19, 658-65	2.5	57
193	Whole-brain functional hypoconnectivity as an endophenotype of autism in adolescents. <i>NeuroImage: Clinical</i> , 2015 , 9, 140-52	5.3	55
192	The functional neuroanatomy of schizophrenic subsyndromes. <i>Psychological Medicine</i> , 2003 , 33, 1007-186.9		55
191	Reading the Mind in the Eyes: An fMRI study of adolescents with autism and their siblings. <i>Psychological Medicine</i> , 2014 , 44, 3215-27	6.9	54
190	Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. <i>European Journal of Neuroscience</i> , 2004 , 19, 1505-12	3.5	54
189	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	11.5	52
188	Intrinsic curvature: a marker of millimeter-scale tangential cortico-cortical connectivity?. <i>International Journal of Neural Systems</i> , 2011 , 21, 351-66	6.2	51
187	Atypically rightward cerebral asymmetry in male adults with autism stratifies individuals with and without language delay. <i>Human Brain Mapping</i> , 2016 , 37, 230-53	5.9	51
186	Age-related grey matter volume correlates of response inhibition and shifting in attention-deficit hyperactivity disorder. <i>British Journal of Psychiatry</i> , 2009 , 194, 123-9	5.4	50
185	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	7.9	50
184	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, 451-7	4.4	49
183	Removal of extracerebral tissues in dual-echo magnetic resonance images via linear scale-space features. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 247-56	3.3	49
182	Neural self-representation in autistic women and association with compensatory camouflaging. <i>Autism</i> , 2019 , 23, 1210-1223	6.6	49
181	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016 , 6, 35333	4.9	47
180	From molecules to neural morphology: understanding neuroinflammation in autism spectrum condition. <i>Molecular Autism</i> , 2016 , 7, 9	6.5	47
179	Graph theory analysis of complex brain networks: new concepts in brain mapping applied to neurosurgery. <i>Journal of Neurosurgery</i> , 2016 , 124, 1665-78	3.2	47
178	Resting activity in visual and corticostriatal pathways in Parkinson disease with hallucinations. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 131-7	3.6	46

177	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	5.9	46
176	Early striatal hypertrophy in first-episode psychosis within 3 weeks of initiating antipsychotic drug treatment. <i>Psychological Medicine</i> , 2009 , 39, 793-800	6.9	45
175	Grey matter abnormalities in first-episode schizophrenia and affective psychosis. <i>British Journal of Psychiatry</i> , 2007 , 51, s111-6	5.4	45
174	Reduced volume of parietal and frontal association areas in patients with schizophrenia characterized by passivity delusions. <i>Psychological Medicine</i> , 2005 , 35, 783-9	6.9	45
173	Individual differences in brain structure underpin empathizing-systemizing cognitive styles in male adults. <i>NeuroImage</i> , 2012 , 61, 1347-54	7.9	42
172	Voxel-based structural magnetic resonance imaging (MRI) study of patients with early onset schizophrenia. <i>Annals of General Psychiatry</i> , 2008 , 7, 25	3.4	42
171	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. <i>JAMA Psychiatry</i> , 2017 , 74, 329-338	14.5	41
170	Default Mode Hypoconnectivity Underlies a Sex-Related Autism Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 364-371	3.4	41
169	Failure to deactivate the default mode network indicates a possible endophenotype of autism. <i>Molecular Autism</i> , 2012 , 3, 15	6.5	40
168	Practice and difficulty evoke anatomically and pharmacologically dissociable brain activation dynamics. <i>Cerebral Cortex</i> , 2003 , 13, 144-54	5.1	40
167	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , 2004 , 46, 46-53	3.3	39
166	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, 1758-1762	4.6	38
165	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. <i>Cerebral Cortex</i> , 2015 , 25, 3613-28	5.1	38
164	Consistency and interpretation of changes in millimeter-scale cortical intrinsic curvature across three independent datasets in schizophrenia. <i>NeuroImage</i> , 2012 , 63, 611-21	7.9	38
163	Plasma level-dependent effects of methylphenidate on task-related functional magnetic resonance imaging signal changes. <i>Psychopharmacology</i> , 2005 , 180, 624-33	4.7	38
162	Components of variance in a multicentre functional MRI study and implications for calculation of statistical power. <i>Human Brain Mapping</i> , 2008 , 29, 1111-22	5.9	37
161	Intrinsic excitation-inhibition imbalance affects medial prefrontal cortex differently in autistic men versus women. <i>ELife</i> , 2020 , 9,	8.9	37
160	A longitudinal fMRI study of the manic and euthymic states of bipolar disorder. <i>Bipolar Disorders</i> , 2010 , 12, 344-7	3.8	36

159	Power calculations for multicenter imaging studies controlled by the false discovery rate. <i>Human Brain Mapping</i> , 2010 , 31, 1183-95	5.9	36
158	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	4.7	36
157	Multimodal MRI of the hippocampus in Parkinson's disease with visual hallucinations. <i>Brain Structure and Function</i> , 2016 , 221, 287-300	4	35
156	Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. <i>NeuroImage</i> , 2014 , 90, 280-9	7.9	34
155	The neurobiology of addiction: the perspective from magnetic resonance imaging present and future. <i>Addiction</i> , 2017 , 112, 360-369	4.6	34
154	Atypical activation during the Embedded Figures Task as a functional magnetic resonance imaging endophenotype of autism. <i>Brain</i> , 2012 , 135, 3469-80	11.2	34
153	Connectome analysis for pre-operative brain mapping in neurosurgery. <i>British Journal of Neurosurgery</i> , 2016 , 30, 506-17	1	31
152	Multivariate and repeated measures (MRM): A new toolbox for dependent and multimodal group-level neuroimaging data. <i>NeuroImage</i> , 2016 , 132, 373-389	7.9	31
151	Focusing the Neuroscience and Societal Implications of Cognitive Enhancers. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 101, 170-172	6.1	31
150	Dynamic Reorganization of Functional Connectivity Reveals Abnormal Temporal Efficiency in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019 , 45, 659-669	1.3	30
149	Grey matter correlates of minor physical anomalies in the AeSOP first-episode psychosis study. <i>British Journal of Psychiatry</i> , 2006 , 189, 221-8	5.4	29
148	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
147	In Vivo Evidence of Reduced Integrity of the Gray-White Matter Boundary in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017 , 27, 877-887	5.1	27
146	Functional connectivity networks for preoperative brain mapping in neurosurgery. <i>Journal of Neurosurgery</i> , 2017 , 126, 1941-1950	3.2	27
145	On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significance-weighted principal component analysis. <i>Human Brain Mapping</i> , 2017 , 38, 1208-1223	5.9	27
144	Ensemble Deep Learning on Large, Mixed-Site fMRI Datasets in Autism and Other Tasks. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050012	6.2	27
143	Global Effects of Focal Brain Tumors on Functional Complexity and Network Robustness: A Prospective Cohort Study. <i>Neurosurgery</i> , 2019 , 84, 1201-1213	3.2	26
142	Duration of prodromal phase and severity of volumetric abnormalities in first-episode psychosis. <i>British Journal of Psychiatry</i> , 2007 , 51, s123-7	5.4	26

141	Frequency and longitudinal clinical outcomes of Alzheimer's Aβ(42) biomarker profiles: A longitudinal study. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1208-1217	1.2	25
140	The Neuro/PsyGRID calibration experiment: identifying sources of variance and bias in multicenter MRI studies. <i>Human Brain Mapping</i> , 2012 , 33, 373-86	5.9	25
139	Neurodevelopment and ages of onset in depressive disorders. <i>Lancet Psychiatry</i> , 2015 , 2, 1112-6	23.3	25
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