

Steven C R Williams

List of Publications by Year in descending order

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Version: 2024-02-01

446
papers

53,409
citations

1040

113
h-index

1705

213
g-index

473
all docs

473
docs citations

473
times ranked

43765
citing authors

#	ARTICLE	IF	CITATIONS
1	Movement-Related effects in fMRI time-series. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 346-355.	1.9	3,064
2	Analysis of fMRI Time-Series Revisited. <i>NeuroImage</i> , 1995, 2, 45-53.	2.1	2,189
3	A specific neural substrate for perceiving facial expressions of disgust. <i>Nature</i> , 1997, 389, 495-498.	13.7	1,541
4	Social intelligence in the normal and autistic brain: an fMRI study. <i>European Journal of Neuroscience</i> , 1999, 11, 1891-1898.	1.2	1,041
5	The amygdala theory of autism. <i>Neuroscience and Biobehavioral Reviews</i> , 2000, 24, 355-364.	2.9	1,026
6	Activation of Auditory Cortex During Silent Lipreading. <i>Science</i> , 1997, 276, 593-596.	6.0	989
7	Mapping Motor Inhibition: Conjunctive Brain Activations across Different Versions of Go/No-Go and Stop Tasks. <i>NeuroImage</i> , 2001, 13, 250-261.	2.1	869
8	Regionally Localized Thinning of the Cerebral Cortex in Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 878.	13.8	809
9	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
10	The functional neuroanatomy of social behaviour. <i>Brain</i> , 2000, 123, 2203-2212.	3.7	732
11	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
12	Neural responses to facial and vocal expressions of fear and disgust. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1809-1817.	1.2	685
13	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 261-277.	1.9	644
14	Atlasing location, asymmetry and inter-subject variability of white matter tracts in the human brain with MR diffusion tractography. <i>NeuroImage</i> , 2011, 54, 49-59.	2.1	576
15	Mapping Auditory Hallucinations in Schizophrenia Using Functional Magnetic Resonance Imaging. <i>Archives of General Psychiatry</i> , 2000, 57, 1033.	13.8	574
16	Non-invasive assessment of axonal fiber connectivity in the human brain via diffusion tensor MRI. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 37-41.	1.9	544
17	The IMAGEN study: reinforcement-related behaviour in normal brain function and psychopathology. <i>Molecular Psychiatry</i> , 2010, 15, 1128-1139.	4.1	539
18	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	6.0	532

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19	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2000, 24, 13-19.	2.9	502
20	A Behavioral Comparison of Male and Female Adults with High Functioning Autism Spectrum Conditions. <i>PLoS ONE</i> , 2011, 6, e20835.	1.1	461
21	Generic brain activation mapping in functional magnetic resonance imaging: A nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997, 15, 763-770.	1.0	456
22	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
23	Mapping Infant Brain Myelination with Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2011, 31, 784-791.	1.7	416
24	PYY modulation of cortical and hypothalamic brain areas predicts feeding behaviour in humans. <i>Nature</i> , 2007, 450, 106-109.	13.7	413
25	Amygdala, hippocampal and corpus callosum size following severe early institutional deprivation: The English and Romanian Adoptees Study Pilot. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 943-951.	3.1	411
26	Describing the Brain in Autism in Five Dimensionsâ€”Magnetic Resonance Imaging-Assisted Diagnosis of Autism Spectrum Disorder Using a Multiparameter Classification Approach. <i>Journal of Neuroscience</i> , 2010, 30, 10612-10623.	1.7	369
27	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014, 512, 185-189.	13.7	368
28	Towards a functional neuroanatomy of self processing: effects of faces and words. <i>Cognitive Brain Research</i> , 2000, 10, 133-144.	3.3	365
29	A functional MRI study of happy and sad affective states induced by classical music. <i>Human Brain Mapping</i> , 2007, 28, 1150-1162.	1.9	364
30	Investigating the predictive value of whole-brain structural MR scans in autism: A pattern classification approach. <i>NeuroImage</i> , 2010, 49, 44-56.	2.1	361
31	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. <i>Brain</i> , 2008, 131, 205-217.	3.7	353
32	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
33	Diffusion tensor MRI correlates with executive dysfunction in patients with ischaemic leukoaraiosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 441-447.	0.9	332
34	Functional magnetic resonance imaging of synesthesia: activation of V4/V8 by spoken words. <i>Nature Neuroscience</i> , 2002, 5, 371-375.	7.1	320
35	Atypical neural self-representation in autism. <i>Brain</i> , 2010, 133, 611-624.	3.7	313
36	Common and Distinct Neural Substrates for Pragmatic, Semantic, and Syntactic Processing of Spoken Sentences: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 321-341.	1.1	308

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37	A link between FTO, ghrelin, and impaired brain food-cue responsivity. <i>Journal of Clinical Investigation</i> , 2013, 123, 3539-3551.	3.9	307
38	Characterization of White Matter Damage in Ischemic Leukoaraiosis with Diffusion Tensor MRI. <i>Stroke</i> , 1999, 30, 393-397.	1.0	302
39	Neural Correlates of Executive Function in Autistic Spectrum Disorders. <i>Biological Psychiatry</i> , 2006, 59, 7-16.	0.7	302
40	Pattern Classification of Sad Facial Processing: Toward the Development of Neurobiological Markers in Depression. <i>Biological Psychiatry</i> , 2008, 63, 656-662.	0.7	298
41	Neural Responses to Sad Facial Expressions in Major Depression Following Cognitive Behavioral Therapy. <i>Biological Psychiatry</i> , 2008, 64, 505-512.	0.7	297
42	Cerebral correlates of preserved cognitive skills in autism. <i>Brain</i> , 1999, 122, 1305-1315.	3.7	288
43	Differences in frontal cortical activation by a working memory task after substitution of risperidone for typical antipsychotic drugs in patients with schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 13432-13437.	3.3	282
44	Anatomical predictors of aphasia recovery: a tractography study of bilateral perisylvian language networks. <i>Brain</i> , 2014, 137, 2027-2039.	3.7	270
45	Mapping transplanted stem cell migration after a stroke: a serial, in vivo magnetic resonance imaging study. <i>NeuroImage</i> , 2004, 21, 311-317.	2.1	261
46	A differential neural response to threatening and non-threatening negative facial expressions in paranoid and non-paranoid schizophrenics. <i>Psychiatry Research - Neuroimaging</i> , 1999, 92, 11-31.	0.9	260
47	Can spherical deconvolution provide more information than fiber orientations? Hindrance modulated orientational anisotropy, a true-tract specific index to characterize white matter diffusion. <i>Human Brain Mapping</i> , 2013, 34, 2464-2483.	1.9	260
48	Tracking Transplanted Stem Cell Migration Using Bifunctional, Contrast Agent-Enhanced, Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 803-811.	2.1	257
49	Differential neural responses to overt and covert presentations of facial expressions of fear and disgust. <i>NeuroImage</i> , 2004, 21, 1484-1496.	2.1	256
50	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013, 136, 2799-2815.	3.7	239
51	The Brain's Response to Reward Anticipation and Depression in Adolescence: Dimensionality, Specificity, and Longitudinal Predictions in a Community-Based Sample. <i>American Journal of Psychiatry</i> , 2015, 172, 1215-1223.	4.0	237
52	How Good Is Good Enough in Path Analysis of fMRI Data?. <i>NeuroImage</i> , 2000, 11, 289-301.	2.1	236
53	Disorder-specific functional abnormalities during sustained attention in youth with Attention Deficit Hyperactivity Disorder (ADHD) and with Autism. <i>Molecular Psychiatry</i> , 2013, 18, 236-244.	4.1	235
54	Pattern of neuronal activity associated with conscious and unconscious processing of visual signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9406-9411.	3.3	235

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55	Early Specialization for Voice and Emotion Processing in the Infant Brain. <i>Current Biology</i> , 2011, 21, 1220-1224.	1.8	233
56	IGF-Binding Protein-2 Protects Against the Development of Obesity and Insulin Resistance. <i>Diabetes</i> , 2007, 56, 285-294.	0.3	231
57	Word retrieval in amyotrophic lateral sclerosis: a functional magnetic resonance imaging study. <i>Brain</i> , 2004, 127, 1507-1517.	3.7	229
58	Mapping IQ and gray matter density in healthy young people. <i>NeuroImage</i> , 2004, 23, 800-805.	2.1	226
59	Functional Neuroanatomy of Body Shape Perception in Healthy and Eating-Disordered Women. <i>Biological Psychiatry</i> , 2005, 58, 990-997.	0.7	225
60	Specialization of right temporo-parietal junction for mentalizing and its relation to social impairments in autism. <i>NeuroImage</i> , 2011, 56, 1832-1838.	2.1	225
61	Age effects on diffusion tensor magnetic resonance imaging tractography measures of frontal cortex connections in schizophrenia. <i>Human Brain Mapping</i> , 2006, 27, 230-238.	1.9	224
62	Functional magnetic resonance imaging of verbal fluency and confrontation naming using compressed image acquisition to permit overt responses. <i>Human Brain Mapping</i> , 2003, 20, 29-40.	1.9	223
63	Cognitive effects of nicotine in humans: an fMRI study. <i>NeuroImage</i> , 2003, 19, 1002-1013.	2.1	220
64	Measuring fMRI reliability with the intra-class correlation coefficient. <i>NeuroImage</i> , 2009, 45, 758-768.	2.1	219
65	Beyond cortical localization in clinico-anatomical correlation. <i>Cortex</i> , 2012, 48, 1262-1287.	1.1	215
66	Time courses of left and right amygdalar responses to fearful facial expressions. <i>Human Brain Mapping</i> , 2001, 12, 193-202.	1.9	212
67	Spatial Normalization and Averaging of Diffusion Tensor MRI Data Sets. <i>NeuroImage</i> , 2002, 17, 592-617.	2.1	208
68	Fronto-striatal circuitry and inhibitory control in autism: Findings from diffusion tensor imaging tractography. <i>Cortex</i> , 2012, 48, 183-193.	1.1	208
69	High-Resolution Diffusion-Ordered 2D Spectroscopy (HR-DOSY) - A New Tool for the Analysis of Complex Mixtures. <i>Journal of Magnetic Resonance Series B</i> , 1995, 108, 170-172.	1.6	207
70	Recovery and chronicity in anorexia nervosa. <i>Biological Psychiatry</i> , 2003, 54, 934-942.	0.7	203
71	Patients with Fibromyalgia Display Less Functional Connectivity in the Brain's Pain Inhibitory Network. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-32.	1.0	203
72	Frontotemporal white matter changes in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2005, 252, 321-331.	1.8	202

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73	Progressive lateral ventricular enlargement in schizophrenia: A meta-analysis of longitudinal MRI studies. <i>Schizophrenia Research</i> , 2010, 120, 54-62.	1.1	201
74	Brain Surface Anatomy in Adults With Autism. <i>JAMA Psychiatry</i> , 2013, 70, 59.	6.0	199
75	Functional Coupling of the Amygdala in Depressed Patients Treated with Antidepressant Medication. <i>Neuropsychopharmacology</i> , 2008, 33, 1909-1918.	2.8	196
76	Task instructions modulate neural responses to fearful facial expressions. <i>Biological Psychiatry</i> , 2003, 53, 226-232.	0.7	192
77	Investigation of facial recognition memory and happy and sad facial expression perception: an fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 1998, 83, 127-138.	0.9	191
78	A Double Dissociation of Ventromedial Prefrontal Cortical Responses to Sad and Happy Stimuli in Depressed and Healthy Individuals. <i>Biological Psychiatry</i> , 2005, 58, 495-503.	0.7	189
79	Superior temporal lobe dysfunction and frontotemporal dysconnectivity in subjects at risk of psychosis and in first-episode psychosis. <i>Human Brain Mapping</i> , 2009, 30, 4129-4137.	1.9	189
80	The proton NMR spectrum in acute EAE: The significance of the change in the Cho:Cr ratio. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 737-745.	1.9	187
81	Differential Neural Responses to Food Images in Women with Bulimia versus Anorexia Nervosa. <i>PLoS ONE</i> , 2011, 6, e22259.	1.1	187
82	Alterations in White Matter Evident Before the Onset of Psychosis. <i>Schizophrenia Bulletin</i> , 2012, 38, 1170-1179.	2.3	186
83	Sulforaphane preconditioning of the Nrf2/HO-1 defense pathway protects the cerebral vasculature against blood-brain barrier disruption and neurological deficits in stroke. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1012-1022.	1.3	186
84	Auditory hallucinations inhibit exogenous activation of auditory association cortex. <i>NeuroReport</i> , 1996, 7, 932-936.	0.6	185
85	A preferential increase in the extrastriate response to signals of danger. <i>NeuroImage</i> , 2003, 19, 1317-1328.	2.1	185
86	Instability of default mode network connectivity in major depression: a two-sample confirmation study. <i>Translational Psychiatry</i> , 2017, 7, e1105-e1105.	2.4	184
87	The EU-AIMS Longitudinal European Autism Project (LEAP): design and methodologies to identify and validate stratification biomarkers for autism spectrum disorders. <i>Molecular Autism</i> , 2017, 8, 24.	2.6	183
88	Alzheimer's disease biomarker discovery using SOMAscan multiplexed protein technology. <i>Alzheimer's and Dementia</i> , 2014, 10, 724-734.	0.4	182
89	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. <i>Brain</i> , 2003, 126, 669-684.	3.7	177
90	Isotropic resolution diffusion tensor imaging with whole brain acquisition in a clinically acceptable time. <i>Human Brain Mapping</i> , 2002, 15, 216-230.	1.9	172

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91	An fMRI Study of Verbal Self-monitoring: Neural Correlates of Auditory Verbal Feedback. <i>Cerebral Cortex</i> , 2006, 16, 969-977.	1.6	169
92	Effects of Verbal Working Memory Load on Corticocortical Connectivity Modeled by Path Analysis of Functional Magnetic Resonance Imaging Data. <i>NeuroImage</i> , 2002, 17, 573-582.	2.1	168
93	Functional integration between the posterior hippocampus and prefrontal cortex is impaired in both first episode schizophrenia and the at risk mental state. <i>Brain</i> , 2009, 132, 2426-2436.	3.7	165
94	Acoustic noise and functional magnetic resonance imaging: Current strategies and future prospects. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 497-510.	1.9	162
95	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003, 126, 1767-1781.	3.7	162
96	Overlapping Structural and Functional Brain Changes in Patients With Long-Term Exposure to Fibromyalgia Pain. <i>Arthritis and Rheumatism</i> , 2013, 65, 3293-3303.	6.7	162
97	Candidate Blood Proteome Markers of Alzheimer's Disease Onset and Progression: A Systematic Review and Replication Study. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 515-531.	1.2	160
98	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
99	Neural basis of the emotional Stroop interference effect in major depression. <i>Psychological Medicine</i> , 2008, 38, 247-256.	2.7	158
100	A Spatiotemporal Profile of In Vivo Cerebral Blood Flow Changes Following Intranasal Oxytocin in Humans. <i>Biological Psychiatry</i> , 2016, 79, 693-705.	0.7	156
101	Neural correlates of tactile prepulse inhibition: a functional MRI study in normal and schizophrenic subjects. <i>Psychiatry Research - Neuroimaging</i> , 2003, 122, 99-113.	0.9	153
102	Personality Predicts Brain Responses to Cognitive Demands. <i>Journal of Neuroscience</i> , 2004, 24, 10636-10641.	1.7	151
103	Misattribution of speech and impaired connectivity in patients with auditory verbal hallucinations. <i>Human Brain Mapping</i> , 2007, 28, 1213-1222.	1.9	150
104	Decomposing the Neural Correlates of Antisaccade Eye Movements Using Event-Related fMRI. <i>Cerebral Cortex</i> , 2008, 18, 1148-1159.	1.6	149
105	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
106	A Shift to Randomness of Brain Oscillations in People with Autism. <i>Biological Psychiatry</i> , 2010, 68, 1092-1099.	0.7	145
107	Reversed lateralization of temporal activation during speech production in thought disordered patients with schizophrenia. <i>Psychological Medicine</i> , 2002, 32, 439-449.	2.7	143
108	Neural correlates of executive function and working memory in the "at-risk mental state". <i>British Journal of Psychiatry</i> , 2009, 194, 25-33.	1.7	141

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109	Dehydration affects brain structure and function in healthy adolescents. <i>Human Brain Mapping</i> , 2011, 32, 71-79.	1.9	130
110	Predicting long-term outcome of Internet-delivered cognitive behavior therapy for social anxiety disorder using fMRI and support vector machine learning. <i>Translational Psychiatry</i> , 2015, 5, e530-e530.	2.4	129
111	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017, 8, 27.	2.6	126
112	Withdrawal-Associated Increases and Decreases in Functional Neural Connectivity Associated with Altered Emotional Regulation in Alcoholism. <i>Neuropsychopharmacology</i> , 2012, 37, 2267-2276.	2.8	125
113	Circadian and Homeostatic Modulation of Functional Connectivity and Regional Cerebral Blood Flow in Humans under Normal Entrained Conditions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1493-1499.	2.4	122
114	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. <i>Cortex</i> , 2012, 48, 216-229.	1.1	121
115	fMRI of parents of children with Asperger Syndrome: A pilot study. <i>Brain and Cognition</i> , 2006, 61, 122-130.	0.8	120
116	Neural correlates of the misattribution of speech in schizophrenia. <i>British Journal of Psychiatry</i> , 2007, 190, 162-169.	1.7	119
117	Neural correlates of body dissatisfaction in anorexia nervosa. <i>Neuropsychologia</i> , 2010, 48, 2878-2885.	0.7	118
118	The role of MT+/V5 during biological motion perception in Asperger Syndrome: An fMRI study. <i>Research in Autism Spectrum Disorders</i> , 2007, 1, 14-27.	0.8	115
119	Brain Response to Visceral Aversive Conditioning: A Functional Magnetic Resonance Imaging Study. <i>Gastroenterology</i> , 2005, 128, 1819-1829.	0.6	114
120	Altered Integrity of Perisylvian Language Pathways in Schizophrenia: Relationship to Auditory Hallucinations. <i>Biological Psychiatry</i> , 2011, 70, 1143-1150.	0.7	113
121	Contrasting Effects of Haloperidol and Lithium on Rodent Brain Structure: A Magnetic Resonance Imaging Study with Postmortem Confirmation. <i>Biological Psychiatry</i> , 2012, 71, 855-863.	0.7	113
122	Patient classification as an outlier detection problem: An application of the One-Class Support Vector Machine. <i>NeuroImage</i> , 2011, 58, 793-804.	2.1	112
123	Standardized structural magnetic resonance imaging in multicentre studies using quantitative T1 and T2 imaging at 1.5T. <i>NeuroImage</i> , 2008, 40, 662-671.	2.1	110
124	Myelin water imaging reflects clinical variability in multiple sclerosis. <i>NeuroImage</i> , 2012, 60, 263-270.	2.1	110
125	Preliminary report of biological basis of sensitivity to the effects of cannabis on psychosis: AKT1 and DAT1 genotype modulates the effects of Δ^9 -tetrahydrocannabinol on midbrain and striatal function. <i>Molecular Psychiatry</i> , 2012, 17, 1152-1155.	4.1	108
126	Dorsolateral Prefrontal Cortex Activity Predicts Responsiveness to Cognitive Behavioral Therapy in Schizophrenia. <i>Biological Psychiatry</i> , 2009, 66, 594-602.	0.7	105

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127	A fMRI investigation of startle gating deficits in schizophrenia patients treated with typical or atypical antipsychotics. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 463.	1.0	104
128	Modulating the Default Mode Network Using Hypnosis. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2012, 60, 206-228.	1.1	104
129	Test-retest reliability of the BOLD pharmacological MRI response to ketamine in healthy volunteers. <i>NeuroImage</i> , 2013, 64, 75-90.	2.1	103
130	Human attachment security is mediated by the amygdala: Evidence from combined fMRI and psychophysiological measures. <i>Human Brain Mapping</i> , 2006, 27, 623-635.	1.9	102
131	A comprehensive testing protocol for MRI neuroanatomical segmentation techniques: Evaluation of a novel lateral ventricle segmentation method. <i>NeuroImage</i> , 2011, 58, 1051-1059.	2.1	102
132	A behavioural and functional neuroimaging investigation into the effects of nicotine on sensorimotor gating in healthy subjects and persons with schizophrenia. <i>Psychopharmacology</i> , 2006, 184, 589-599.	1.5	101
133	Shifting brain inhibitory balance and connectivity of the prefrontal cortex of adults with autism spectrum disorder. <i>Translational Psychiatry</i> , 2017, 7, e1137-e1137.	2.4	101
134	Restraint of appetite and reduced regional brain volumes in anorexia nervosa: a voxel-based morphometric study. <i>BMC Psychiatry</i> , 2011, 11, 179.	1.1	99
135	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
136	Defining the Role of Cholecystokinin in the Lipid-Induced Human Brain Activation Matrix. <i>Gastroenterology</i> , 2010, 138, 1514-1524.	0.6	98
137	Quantifying the Attenuation of the Ketamine Pharmacological Magnetic Resonance Imaging Response in Humans: A Validation Using Antipsychotic and Glutamatergic Agents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 151-160.	1.3	98
138	Acute effects of single-dose aripiprazole and haloperidol on resting cerebral blood flow (rCBF) in the human brain. <i>Human Brain Mapping</i> , 2013, 34, 272-282.	1.9	97
139	Using genetic, cognitive and multi-modal neuroimaging data to identify ultra-high-risk and first-episode psychosis at the individual level. <i>Psychological Medicine</i> , 2013, 43, 2547-2562.	2.7	97
140	Mapping the central effects of ketamine in the rat using pharmacological MRI. <i>Psychopharmacology</i> , 2006, 186, 64-81.	1.5	93
141	Effects of acute dehydration on brain morphology in healthy humans. <i>Human Brain Mapping</i> , 2009, 30, 291-298.	1.9	91
142	To Blink or Not to Blink: Fine Cognitive Tuning of the Defensive Peripersonal Space. <i>Journal of Neuroscience</i> , 2012, 32, 12921-12927.	1.7	90
143	Altered brain function directly related to structural abnormalities in people at ultra high risk of psychosis: Longitudinal VBM-fMRI study. <i>Journal of Psychiatric Research</i> , 2011, 45, 190-198.	1.5	89
144	The Neuropsychology of Male Adults With High-Functioning Autism or Asperger Syndrome. <i>Autism Research</i> , 2014, 7, 568-581.	2.1	89

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145	A chronic 1-year assessment of MRI contrast agent-labelled neural stem cell transplants in stroke. <i>NeuroImage</i> , 2009, 47, T133-T142.	2.1	88
146	Anxiety and depressive symptoms in fibromyalgia are related to poor perception of health but not to pain sensitivity or cerebral processing of pain. <i>Arthritis and Rheumatism</i> , 2010, 62, 3488-3495.	6.7	88
147	Subregional hippocampal deformations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2010, 126, 272-277.	2.0	87
148	Disorder-specific functional abnormalities during temporal discounting in youth with Attention Deficit Hyperactivity Disorder (ADHD), Autism and comorbid ADHD and Autism. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 113-120.	0.9	87
149	Atypical processing of voice sounds in infants at risk for autism spectrum disorder. <i>Cortex</i> , 2015, 71, 122-133.	1.1	87
150	Neurological basis of poor insight in psychosis: A voxel-based MRI study. <i>Schizophrenia Research</i> , 2008, 103, 40-51.	1.1	85
151	Reduced Cortical Volume and Elevated Astrocyte Density in Rats Chronically Treated With Antipsychotic Drugs Linking Magnetic Resonance Imaging Findings to Cellular Pathology. <i>Biological Psychiatry</i> , 2014, 75, 982-990.	0.7	85
152	Pattern Classification of Working Memory Networks Reveals Differential Effects of Methylphenidate, Atomoxetine, and Placebo in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2011, 36, 1237-1247.	2.8	81
153	Altered cortical activation during a motor task in ALS. <i>Journal of Neurology</i> , 2007, 254, 1260-1267.	1.8	80
154	Thinking about Eating Food Activates Visual Cortex with Reduced Bilateral Cerebellar Activation in Females with Anorexia Nervosa: An fMRI Study. <i>PLoS ONE</i> , 2012, 7, e34000.	1.1	80
155	Neuroticism Influences Brain Activity During the Experience of Visceral Pain. <i>Gastroenterology</i> , 2011, 141, 909-917.e1.	0.6	79
156	Alterations in brain structure in adults with anorexia nervosa and the impact of illness duration. <i>Psychological Medicine</i> , 2014, 44, 1965-1975.	2.7	79
157	Cerebral blood flow predicts differential neurotransmitter activity. <i>Scientific Reports</i> , 2018, 8, 4074.	1.6	78
158	Obstructive sleep apnoea and Alzheimer's disease: In search of shared pathomechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 142-149.	2.9	78
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