

# Steven C R Williams

## List of Publications by Year in descending order

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446  
papers

53,409  
citations

1046

113  
h-index

1715

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.	3.0	3,064
2	Analysis of fMRI Time-Series Revisited. <i>NeuroImage</i> , 1995, 2, 45-53.	4.2	2,189
3	A specific neural substrate for perceiving facial expressions of disgust. <i>Nature</i> , 1997, 389, 495-498.	27.8	1,541
4	Social intelligence in the normal and autistic brain: an fMRI study. <i>European Journal of Neuroscience</i> , 1999, 11, 1891-1898.	2.6	1,041
5	The amygdala theory of autism. <i>Neuroscience and Biobehavioral Reviews</i> , 2000, 24, 355-364.	6.1	1,026
6	Activation of Auditory Cortex During Silent Lipreading. <i>Science</i> , 1997, 276, 593-596.	12.6	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.	4.2	869
8	Regionally Localized Thinning of the Cerebral Cortex in Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 878.	12.3	809
9	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
10	The functional neuroanatomy of social behaviour. <i>Brain</i> , 2000, 123, 2203-2212.	7.6	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.	12.3	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.	2.6	685
13	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 261-277.	3.0	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.	4.2	576
15	Mapping Auditory Hallucinations in Schizophrenia Using Functional Magnetic Resonance Imaging. <i>Archives of General Psychiatry</i> , 2000, 57, 1033.	12.3	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.	3.0	544
17	The IMAGEN study: reinforcement-related behaviour in normal brain function and psychopathology. <i>Molecular Psychiatry</i> , 2010, 15, 1128-1139.	7.9	539
18	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	12.6	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.	6.1	502
20	A Behavioral Comparison of Male and Female Adults with High Functioning Autism Spectrum Conditions. <i>PLoS ONE</i> , 2011, 6, e20835.	2.5	461
21	Generic brain activation mapping in functional magnetic resonance imaging: A nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997, 15, 763-770.	1.8	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.	7.2	451
23	Mapping Infant Brain Myelination with Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2011, 31, 784-791.	3.6	416
24	PYY modulation of cortical and hypothalamic brain areas predicts feeding behaviour in humans. <i>Nature</i> , 2007, 450, 106-109.	27.8	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.	5.2	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.	3.6	369
27	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014, 512, 185-189.	27.8	368
28	Towards a functional neuroanatomy of self processing: effects of faces and words. <i>Cognitive Brain Research</i> , 2000, 10, 133-144.	3.0	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.	3.6	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.	4.2	361
31	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. <i>Brain</i> , 2008, 131, 205-217.	7.6	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.	1.3	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.	1.9	332
34	Functional magnetic resonance imaging of synesthesia: activation of V4/V8 by spoken words. <i>Nature Neuroscience</i> , 2002, 5, 371-375.	14.8	320
35	Atypical neural self-representation in autism. <i>Brain</i> , 2010, 133, 611-624.	7.6	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.	2.3	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.	8.2	307
38	Characterization of White Matter Damage in Ischemic Leukoaraiosis with Diffusion Tensor MRI. <i>Stroke</i> , 1999, 30, 393-397.	2.0	302
39	Neural Correlates of Executive Function in Autistic Spectrum Disorders. <i>Biological Psychiatry</i> , 2006, 59, 7-16.	1.3	302
40	Pattern Classification of Sad Facial Processing: Toward the Development of Neurobiological Markers in Depression. <i>Biological Psychiatry</i> , 2008, 63, 656-662.	1.3	298
41	Neural Responses to Sad Facial Expressions in Major Depression Following Cognitive Behavioral Therapy. <i>Biological Psychiatry</i> , 2008, 64, 505-512.	1.3	297
42	Cerebral correlates of preserved cognitive skills in autism. <i>Brain</i> , 1999, 122, 1305-1315.	7.6	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.	7.1	282
44	Anatomical predictors of aphasia recovery: a tractography study of bilateral perisylvian language networks. <i>Brain</i> , 2014, 137, 2027-2039.	7.6	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.	4.2	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.	1.8	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.	3.6	260
48	Tracking Transplanted Stem Cell Migration Using Bifunctional, Contrast Agent-Enhanced, Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 803-811.	4.2	257
49	Differential neural responses to overt and covert presentations of facial expressions of fear and disgust. <i>NeuroImage</i> , 2004, 21, 1484-1496.	4.2	256
50	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013, 136, 2799-2815.	7.6	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.	7.2	237
52	How Good Is Good Enough in Path Analysis of fMRI Data?. <i>NeuroImage</i> , 2000, 11, 289-301.	4.2	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.	7.9	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.	7.1	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.	3.9	233
56	IGF-Binding Protein-2 Protects Against the Development of Obesity and Insulin Resistance. <i>Diabetes</i> , 2007, 56, 285-294.	0.6	231
57	Word retrieval in amyotrophic lateral sclerosis: a functional magnetic resonance imaging study. <i>Brain</i> , 2004, 127, 1507-1517.	7.6	229
58	Mapping IQ and gray matter density in healthy young people. <i>NeuroImage</i> , 2004, 23, 800-805.	4.2	226
59	Functional Neuroanatomy of Body Shape Perception in Healthy and Eating-Disordered Women. <i>Biological Psychiatry</i> , 2005, 58, 990-997.	1.3	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.	4.2	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.	3.6	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.	3.6	223
63	Cognitive effects of nicotine in humans: an fMRI study. <i>NeuroImage</i> , 2003, 19, 1002-1013.	4.2	220
64	Measuring fMRI reliability with the intra-class correlation coefficient. <i>NeuroImage</i> , 2009, 45, 758-768.	4.2	219
65	Beyond cortical localization in clinico-anatomical correlation. <i>Cortex</i> , 2012, 48, 1262-1287.	2.4	215
66	Time courses of left and right amygdalar responses to fearful facial expressions. <i>Human Brain Mapping</i> , 2001, 12, 193-202.	3.6	212
67	Spatial Normalization and Averaging of Diffusion Tensor MRI Data Sets. <i>NeuroImage</i> , 2002, 17, 592-617.	4.2	208
68	Fronto-striatal circuitry and inhibitory control in autism: Findings from diffusion tensor imaging tractography. <i>Cortex</i> , 2012, 48, 183-193.	2.4	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.	1.3	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.	2.1	203
72	Frontotemporal white matter changes in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2005, 252, 321-331.	3.6	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.	2.0	201
74	Brain Surface Anatomy in Adults With Autism. <i>JAMA Psychiatry</i> , 2013, 70, 59.	11.0	199
75	Functional Coupling of the Amygdala in Depressed Patients Treated with Antidepressant Medication. <i>Neuropsychopharmacology</i> , 2008, 33, 1909-1918.	5.4	196
76	Task instructions modulate neural responses to fearful facial expressions. <i>Biological Psychiatry</i> , 2003, 53, 226-232.	1.3	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.	1.8	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.	1.3	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.	3.6	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.	3.0	187
81	Differential Neural Responses to Food Images in Women with Bulimia versus Anorexia Nervosa. <i>PLoS ONE</i> , 2011, 6, e22259.	2.5	187
82	Alterations in White Matter Evident Before the Onset of Psychosis. <i>Schizophrenia Bulletin</i> , 2012, 38, 1170-1179.	4.3	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.	2.9	186
84	Auditory hallucinations inhibit exogenous activation of auditory association cortex. <i>NeuroReport</i> , 1996, 7, 932-936.	1.2	185
85	A preferential increase in the extrastriate response to signals of danger. <i>NeuroImage</i> , 2003, 19, 1317-1328.	4.2	185
86	Instability of default mode network connectivity in major depression: a two-sample confirmation study. <i>Translational Psychiatry</i> , 2017, 7, e1105-e1105.	4.8	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.	4.9	183
88	Alzheimer's disease biomarker discovery using SOMAscan multiplexed protein technology. <i>Alzheimer's and Dementia</i> , 2014, 10, 724-734.	0.8	182
89	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. <i>Brain</i> , 2003, 126, 669-684.	7.6	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.	3.6	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.	2.9	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.	4.2	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.	7.6	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.	3.4	162
95	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003, 126, 1767-1781.	7.6	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.	2.6	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.	1.3	159
99	Neural basis of the emotional Stroop interference effect in major depression. <i>Psychological Medicine</i> , 2008, 38, 247-256.	4.5	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.	1.3	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.	1.8	153
102	Personality Predicts Brain Responses to Cognitive Demands. <i>Journal of Neuroscience</i> , 2004, 24, 10636-10641.	3.6	151
103	Misattribution of speech and impaired connectivity in patients with auditory verbal hallucinations. <i>Human Brain Mapping</i> , 2007, 28, 1213-1222.	3.6	150
104	Decomposing the Neural Correlates of Antisaccade Eye Movements Using Event-Related fMRI. <i>Cerebral Cortex</i> , 2008, 18, 1148-1159.	2.9	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.	4.2	147
106	A Shift to Randomness of Brain Oscillations in People with Autism. <i>Biological Psychiatry</i> , 2010, 68, 1092-1099.	1.3	145
107	Reversed lateralization of temporal activation during speech production in thought disordered patients with schizophrenia. <i>Psychological Medicine</i> , 2002, 32, 439-449.	4.5	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.	2.8	141

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109	Dehydration affects brain structure and function in healthy adolescents. <i>Human Brain Mapping</i> , 2011, 32, 71-79.	3.6	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.	4.8	129
111	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017, 8, 27.	4.9	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.	5.4	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.	4.3	122
114	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. <i>Cortex</i> , 2012, 48, 216-229.	2.4	121
115	fMRI of parents of children with Asperger Syndrome: A pilot study. <i>Brain and Cognition</i> , 2006, 61, 122-130.	1.8	120
116	Neural correlates of the misattribution of speech in schizophrenia. <i>British Journal of Psychiatry</i> , 2007, 190, 162-169.	2.8	119
117	Neural correlates of body dissatisfaction in anorexia nervosa. <i>Neuropsychologia</i> , 2010, 48, 2878-2885.	1.6	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.	1.5	115
119	Brain Response to Visceral Aversive Conditioning: A Functional Magnetic Resonance Imaging Study. <i>Gastroenterology</i> , 2005, 128, 1819-1829.	1.3	114
120	Altered Integrity of Perisylvian Language Pathways in Schizophrenia: Relationship to Auditory Hallucinations. <i>Biological Psychiatry</i> , 2011, 70, 1143-1150.	1.3	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.	1.3	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.	4.2	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.	4.2	110
124	Myelin water imaging reflects clinical variability in multiple sclerosis. <i>NeuroImage</i> , 2012, 60, 263-270.	4.2	110
125	Preliminary report of biological basis of sensitivity to the effects of cannabis on psychosis: AKT1 and DAT1 genotype modulates the effects of $\Delta^9$ -tetrahydrocannabinol on midbrain and striatal function. <i>Molecular Psychiatry</i> , 2012, 17, 1152-1155.	7.9	108
126	Dorsolateral Prefrontal Cortex Activity Predicts Responsiveness to Cognitive Behavioral Therapy in Schizophrenia. <i>Biological Psychiatry</i> , 2009, 66, 594-602.	1.3	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.	2.1	104
128	Modulating the Default Mode Network Using Hypnosis. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2012, 60, 206-228.	1.8	104
129	Test-retest reliability of the BOLD pharmacological MRI response to ketamine in healthy volunteers. <i>NeuroImage</i> , 2013, 64, 75-90.	4.2	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.	3.6	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.	4.2	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.	3.1	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.	4.8	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.	2.6	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.	7.1	99
136	Defining the Role of Cholecystokinin in the Lipid-Induced Human Brain Activation Matrix. <i>Gastroenterology</i> , 2010, 138, 1514-1524.	1.3	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.	2.5	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.	3.6	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.	4.5	97
140	Mapping the central effects of ketamine in the rat using pharmacological MRI. <i>Psychopharmacology</i> , 2006, 186, 64-81.	3.1	93
141	Effects of acute dehydration on brain morphology in healthy humans. <i>Human Brain Mapping</i> , 2009, 30, 291-298.	3.6	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.	3.6	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.	3.1	89
144	The Neuropsychology of Male Adults With High-Functioning Autism or Asperger Syndrome. <i>Autism Research</i> , 2014, 7, 568-581.	3.8	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.	4.2	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.	4.1	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.	1.8	87
149	Atypical processing of voice sounds in infants at risk for autism spectrum disorder. <i>Cortex</i> , 2015, 71, 122-133.	2.4	87
150	Neurological basis of poor insight in psychosis: A voxel-based MRI study. <i>Schizophrenia Research</i> , 2008, 103, 40-51.	2.0	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.	1.3	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.	5.4	81
153	Altered cortical activation during a motor task in ALS. <i>Journal of Neurology</i> , 2007, 254, 1260-1267.	3.6	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.	2.5	80
155	Neuroticism Influences Brain Activity During the Experience of Visceral Pain. <i>Gastroenterology</i> , 2011, 141, 909-917.e1.	1.3	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.	4.5	79
157	Cerebral blood flow predicts differential neurotransmitter activity. <i>Scientific Reports</i> , 2018, 8, 4074.	3.3	78
158	Obstructive sleep apnoea and Alzheimer's disease: In search of shared pathomechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 142-149.	6.1	78
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