

Steven C R Williams

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.

428 papers	44,373 citations	107 h-index	199 g-index
473 ext. papers	49,684 ext. citations	6.1 avg, IF	6.92 L-index

#	Paper	IF	Citations
428	Movement-related effects in fMRI time-series. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 346-55	4.4	2175
427	Analysis of fMRI time-series revisited. <i>NeuroImage</i> , 1995 , 2, 45-53	7.9	1885
426	A specific neural substrate for perceiving facial expressions of disgust. <i>Nature</i> , 1997 , 389, 495-8	50.4	1319
425	Social intelligence in the normal and autistic brain: an fMRI study. <i>European Journal of Neuroscience</i> , 1999 , 11, 1891-8	3.5	939
424	The amygdala theory of autism. <i>Neuroscience and Biobehavioral Reviews</i> , 2000 , 24, 355-64	9	885
423	Activation of auditory cortex during silent lipreading. <i>Science</i> , 1997 , 276, 593-6	33.3	845
422	Mapping motor inhibition: conjunctive brain activations across different versions of go/no-go and stop tasks. <i>NeuroImage</i> , 2001 , 13, 250-61	7.9	785
421	Regionally localized thinning of the cerebral cortex in schizophrenia. <i>Archives of General Psychiatry</i> , 2003 , 60, 878-88		740
420	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
419	The functional neuroanatomy of social behaviour: changes in cerebral blood flow when people with autistic disorder process facial expressions. <i>Brain</i> , 2000 , 123 (Pt 11), 2203-12	11.2	648
418	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
417	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 261-77	4.4	570
416	Neural responses to facial and vocal expressions of fear and disgust. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1809-17	4.4	565
415	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	4.4	493
414	Mapping auditory hallucinations in schizophrenia using functional magnetic resonance imaging. <i>Archives of General Psychiatry</i> , 2000 , 57, 1033-8		488
413	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	7.9	477
412	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2000 , 24, 13-9	9	443

411	Generic brain activation mapping in functional magnetic resonance imaging: a nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997 , 15, 763-70	3.3	411
410	The IMAGEN study: reinforcement-related behaviour in normal brain function and psychopathology. <i>Molecular Psychiatry</i> , 2010 , 15, 1128-39	15.1	401
409	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
408	A behavioral comparison of male and female adults with high functioning autism spectrum conditions. <i>PLoS ONE</i> , 2011 , 6, e20835	3.7	358
407	PYY modulation of cortical and hypothalamic brain areas predicts feeding behaviour in humans. <i>Nature</i> , 2007 , 450, 106-9	50.4	356
406	BRAIN NETWORKS. Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015 , 348, 1241-4	33.3	355
405	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, 943-51	7.9	350
404	Mapping infant brain myelination with magnetic resonance imaging. <i>Journal of Neuroscience</i> , 2011 , 31, 784-91	6.6	325
403	Towards a functional neuroanatomy of self processing: effects of faces and words. <i>Cognitive Brain Research</i> , 2000 , 10, 133-44		322
402	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. <i>Brain</i> , 2008 , 131, 205-17	11.2	312
401	A functional MRI study of happy and sad affective states induced by classical music. <i>Human Brain Mapping</i> , 2007 , 28, 1150-62	5.9	311
400	Investigating the predictive value of whole-brain structural MR scans in autism: a pattern classification approach. <i>NeuroImage</i> , 2010 , 49, 44-56	7.9	308
399	Describing the brain in autism in five dimensions--magnetic resonance imaging-assisted diagnosis of autism spectrum disorder using a multiparameter classification approach. <i>Journal of Neuroscience</i> , 2010 , 30, 10612-23	6.6	303
398	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014 , 512, 185-9	50.4	296
397	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
396	Diffusion tensor MRI correlates with executive dysfunction in patients with ischaemic leukoaraiosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004 , 75, 441-7	5.5	275
395	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, 321-41	3.1	274
394	Functional magnetic resonance imaging of synesthesia: activation of V4/V8 by spoken words. <i>Nature Neuroscience</i> , 2002 , 5, 371-5	25.5	268

393	Pattern classification of sad facial processing: toward the development of neurobiological markers in depression. <i>Biological Psychiatry</i> , 2008 , 63, 656-62	7.9	264
392	Neural correlates of executive function in autistic spectrum disorders. <i>Biological Psychiatry</i> , 2006 , 59, 7-16	7.9	260
391	Neural responses to sad facial expressions in major depression following cognitive behavioral therapy. <i>Biological Psychiatry</i> , 2008 , 64, 505-12	7.9	257
390	Atypical neural self-representation in autism. <i>Brain</i> , 2010 , 133, 611-24	11.2	253
389	A link between FTO, ghrelin, and impaired brain food-cue responsivity. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3539-51	15.9	246
388	Mapping transplanted stem cell migration after a stroke: a serial, in vivo magnetic resonance imaging study. <i>NeuroImage</i> , 2004 , 21, 311-7	7.9	244
387	Characterization of white matter damage in ischemic leukoaraiosis with diffusion tensor MRI. <i>Stroke</i> , 1999 , 30, 393-7	6.7	242
386	Cerebral correlates of preserved cognitive skills in autism: a functional MRI study of embedded figures task performance. <i>Brain</i> , 1999 , 122 (Pt 7), 1305-15	11.2	242
385	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, 13432-7	11.5	241
384	Tracking Transplanted Stem Cell Migration Using Bifunctional, Contrast Agent-Enhanced, Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002 , 17, 803-811	7.9	236
383	Differential neural responses to overt and covert presentations of facial expressions of fear and disgust. <i>NeuroImage</i> , 2004 , 21, 1484-96	7.9	231
382	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	2.9	228
381	Anatomical predictors of aphasia recovery: a tractography study of bilateral perisylvian language networks. <i>Brain</i> , 2014 , 137, 2027-39	11.2	212
380	Functional neuroanatomy of body shape perception in healthy and eating-disordered women. <i>Biological Psychiatry</i> , 2005 , 58, 990-7	7.9	206
379	Cognitive effects of nicotine in humans: an fMRI study. <i>NeuroImage</i> , 2003 , 19, 1002-13	7.9	205
378	Age effects on diffusion tensor magnetic resonance imaging tractography measures of frontal cortex connections in schizophrenia. <i>Human Brain Mapping</i> , 2006 , 27, 230-8	5.9	201
377	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, 2464-83	5.9	200
376	How good is good enough in path analysis of fMRI data?. <i>NeuroImage</i> , 2000 , 11, 289-301	7.9	200

375	Early specialization for voice and emotion processing in the infant brain. <i>Current Biology</i> , 2011 , 21, 1220-4	4.3	199
374	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013 , 136, 2799-815	11.2	198
373	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	5.9	198
372	Word retrieval in amyotrophic lateral sclerosis: a functional magnetic resonance imaging study. <i>Brain</i> , 2004 , 127, 1507-17	11.2	190
371	Spatial Normalization and Averaging of Diffusion Tensor MRI Data Sets. <i>NeuroImage</i> , 2002 , 17, 592-617	7.9	189
370	IGF-binding protein-2 protects against the development of obesity and insulin resistance. <i>Diabetes</i> , 2007 , 56, 285-94	0.9	187
369	Mapping IQ and gray matter density in healthy young people. <i>NeuroImage</i> , 2004 , 23, 800-5	7.9	186
368	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		186
367	Time courses of left and right amygdalar responses to fearful facial expressions. <i>Human Brain Mapping</i> , 2001 , 12, 193-202	5.9	185
366	Specialization of right temporo-parietal junction for mentalizing and its relation to social impairments in autism. <i>NeuroImage</i> , 2011 , 56, 1832-8	7.9	184
365	Disorder-specific functional abnormalities during sustained attention in youth with Attention Deficit Hyperactivity Disorder (ADHD) and with autism. <i>Molecular Psychiatry</i> , 2013 , 18, 236-44	15.1	183
364	Measuring fMRI reliability with the intra-class correlation coefficient. <i>NeuroImage</i> , 2009 , 45, 758-68	7.9	183
363	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, 9406-11	11.5	181
362	Recovery and chronicity in anorexia nervosa: brain activity associated with differential outcomes. <i>Biological Psychiatry</i> , 2003 , 54, 934-42	7.9	180
361	A preferential increase in the extrastriate response to signals of danger. <i>NeuroImage</i> , 2003 , 19, 1317-28	7.9	177
360	Task instructions modulate neural responses to fearful facial expressions. <i>Biological Psychiatry</i> , 2003 , 53, 226-32	7.9	175
359	Frontotemporal white matter changes in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2005 , 252, 321-31	5.5	175
358	Fronto-striatal circuitry and inhibitory control in autism: findings from diffusion tensor imaging tractography. <i>Cortex</i> , 2012 , 48, 183-93	3.8	173

357	Functional coupling of the amygdala in depressed patients treated with antidepressant medication. <i>Neuropsychopharmacology</i> , 2008 , 33, 1909-18	8.7	170
356	Auditory hallucinations inhibit exogenous activation of auditory association cortex. <i>NeuroReport</i> , 1996 , 7, 932-6	1.7	170
355	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	7.9	169
354	Patients with fibromyalgia display less functional connectivity in the brain's pain inhibitory network. <i>Molecular Pain</i> , 2012 , 8, 32	3.4	168
353	Beyond cortical localization in clinico-anatomical correlation. <i>Cortex</i> , 2012 , 48, 1262-87	3.8	164
352	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, 737-45	4.4	164
351	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, 1215-23	11.9	163
350	Investigation of facial recognition memory and happy and sad facial expression perception: an fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 1998 , 83, 127-38	2.9	162
349	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, 4129-37	5.9	159
348	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. <i>Brain</i> , 2003 , 126, 669-84	11.2	159
347	Alterations in white matter evident before the onset of psychosis. <i>Schizophrenia Bulletin</i> , 2012 , 38, 1170-93	10.9	158
346	Differential neural responses to food images in women with bulimia versus anorexia nervosa. <i>PLoS ONE</i> , 2011 , 6, e22259	3.7	157
345	Progressive lateral ventricular enlargement in schizophrenia: a meta-analysis of longitudinal MRI studies. <i>Schizophrenia Research</i> , 2010 , 120, 54-62	3.6	157
344	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	7.8	154
343	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
342	Isotropic resolution diffusion tensor imaging with whole brain acquisition in a clinically acceptable time. <i>Human Brain Mapping</i> , 2002 , 15, 216-30	5.9	153
341	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	7.9	148
340	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, 2426-36	11.2	147

339	Neural basis of the emotional Stroop interference effect in major depression. <i>Psychological Medicine</i> , 2008 , 38, 247-56	6.9	143
338	Acoustic noise and functional magnetic resonance imaging: current strategies and future prospects. <i>Journal of Magnetic Resonance Imaging</i> , 2002 , 16, 497-510	5.6	139
337	Neural correlates of tactile prepulse inhibition: a functional MRI study in normal and schizophrenic subjects. <i>Psychiatry Research - Neuroimaging</i> , 2003 , 122, 99-113	2.9	139
336	An fMRI study of verbal self-monitoring: neural correlates of auditory verbal feedback. <i>Cerebral Cortex</i> , 2006 , 16, 969-77	5.1	138
335	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
334	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
333	Decomposing the neural correlates of antisaccade eye movements using event-related FMRI. <i>Cerebral Cortex</i> , 2008 , 18, 1148-59	5.1	136
332	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003 , 126, 1767-81	11.2	135
331	Candidate blood proteome markers of Alzheimer's disease onset and progression: a systematic review and replication study. <i>Journal of Alzheimer's Disease</i> , 2014 , 38, 515-31	4.3	134
330	Personality predicts brain responses to cognitive demands. <i>Journal of Neuroscience</i> , 2004 , 24, 10636-41	6.6	134
329	Alzheimer's disease biomarker discovery using SOMAscan multiplexed protein technology. <i>Alzheimer's and Dementia</i> , 2014 , 10, 724-34	1.2	133
328	Misattribution of speech and impaired connectivity in patients with auditory verbal hallucinations. <i>Human Brain Mapping</i> , 2007 , 28, 1213-22	5.9	132
327	Overlapping structural and functional brain changes in patients with long-term exposure to fibromyalgia pain. <i>Arthritis and Rheumatism</i> , 2013 , 65, 3293-303		130
326	Neural correlates of executive function and working memory in the 'at-risk mental state'. <i>British Journal of Psychiatry</i> , 2009 , 194, 25-33	5.4	128
325	Reversed lateralization of temporal activation during speech production in thought disordered patients with schizophrenia. <i>Psychological Medicine</i> , 2002 , 32, 439-49	6.9	124
324	A shift to randomness of brain oscillations in people with autism. <i>Biological Psychiatry</i> , 2010 , 68, 1092-9	7.9	115
323	Withdrawal-associated increases and decreases in functional neural connectivity associated with altered emotional regulation in alcoholism. <i>Neuropsychopharmacology</i> , 2012 , 37, 2267-76	8.7	115
322	A Spatiotemporal Profile of In Vivo Cerebral Blood Flow Changes Following Intranasal Oxytocin in Humans. <i>Biological Psychiatry</i> , 2016 , 79, 693-705	7.9	112

321	Brain response to visceral aversive conditioning: a functional magnetic resonance imaging study. <i>Gastroenterology</i> , 2005 , 128, 1819-29	13.3	107
320	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	6.5	106
319	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	8.6	104
318	Dehydration affects brain structure and function in healthy adolescents. <i>Human Brain Mapping</i> , 2011 , 32, 71-9	5.9	104
317	Neural correlates of body dissatisfaction in anorexia nervosa. <i>Neuropsychologia</i> , 2010 , 48, 2878-85	3.2	104
316	Altered integrity of perisylvian language pathways in schizophrenia: relationship to auditory hallucinations. <i>Biological Psychiatry</i> , 2011 , 70, 1143-50	7.9	102
315	Contrasting effects of haloperidol and lithium on rodent brain structure: a magnetic resonance imaging study with postmortem confirmation. <i>Biological Psychiatry</i> , 2012 , 71, 855-63	7.9	101
314	fMRI of parents of children with Asperger Syndrome: a pilot study. <i>Brain and Cognition</i> , 2006 , 61, 122-30	2.7	101
313	Instability of default mode network connectivity in major depression: a two-sample confirmation study. <i>Translational Psychiatry</i> , 2017 , 7, e1105	8.6	100
312	Neural correlates of the misattribution of speech in schizophrenia. <i>British Journal of Psychiatry</i> , 2007 , 190, 162-9	5.4	99
311	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. <i>Cortex</i> , 2012 , 48, 216-29	3.8	98
310	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
309	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, 589-99	4.7	95
308	A fMRI investigation of startle gating deficits in schizophrenia patients treated with typical or atypical antipsychotics. <i>International Journal of Neuropsychopharmacology</i> , 2007 , 10, 463-77	5.8	95
307	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, 1152-5	15.1	93
306	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	3	93
305	Dorsolateral prefrontal cortex activity predicts responsiveness to cognitive-behavioral therapy in schizophrenia. <i>Biological Psychiatry</i> , 2009 , 66, 594-602	7.9	91
304	Myelin water imaging reflects clinical variability in multiple sclerosis. <i>NeuroImage</i> , 2012 , 60, 263-70	7.9	90

303	Human attachment security is mediated by the amygdala: evidence from combined fMRI and psychophysiological measures. <i>Human Brain Mapping</i> , 2006 , 27, 623-35	5.9	90
302	Test-retest reliability of the BOLD pharmacological MRI response to ketamine in healthy volunteers. <i>NeuroImage</i> , 2013 , 64, 75-90	7.9	88
301	Patient classification as an outlier detection problem: an application of the One-Class Support Vector Machine. <i>NeuroImage</i> , 2011 , 58, 793-804	7.9	88
300	A chronic 1 year assessment of MRI contrast agent-labelled neural stem cell transplants in stroke. <i>NeuroImage</i> , 2009 , 47 Suppl 2, T133-42	7.9	87
299	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, 151-60	4.7	86
298	Mapping the central effects of ketamine in the rat using pharmacological MRI. <i>Psychopharmacology</i> , 2006 , 186, 64-81	4.7	85
297	Restraint of appetite and reduced regional brain volumes in anorexia nervosa: a voxel-based morphometric study. <i>BMC Psychiatry</i> , 2011 , 11, 179	4.2	84
296	Effects of acute dehydration on brain morphology in healthy humans. <i>Human Brain Mapping</i> , 2009 , 30, 291-8	5.9	84
295	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, 2547-62	6.9	82
294	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, 1493-9	7.3	81
293	A comprehensive testing protocol for MRI neuroanatomical segmentation techniques: Evaluation of a novel lateral ventricle segmentation method. <i>NeuroImage</i> , 2011 , 58, 1051-9	7.9	80
292	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, 190-8	5.2	79
291	Neurological basis of poor insight in psychosis: a voxel-based MRI study. <i>Schizophrenia Research</i> , 2008 , 103, 40-51	3.6	79
290	The neuropsychology of male adults with high-functioning autism or asperger syndrome. <i>Autism Research</i> , 2014 , 7, 568-81	5.1	78
289	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, 272-82	5.9	78
288	Subregional hippocampal deformations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2010 , 126, 272-7	6.6	77
287	Defining the role of cholecystokinin in the lipid-induced human brain activation matrix. <i>Gastroenterology</i> , 2010 , 138, 1514-24	13.3	76
286	Pattern classification of working memory networks reveals differential effects of methylphenidate, atomoxetine, and placebo in healthy volunteers. <i>Neuropsychopharmacology</i> , 2011 , 36, 1237-47	8.7	75

285	Altered cortical activation during a motor task in ALS. Evidence for involvement of central pathways. <i>Journal of Neurology</i> , 2007 , 254, 1260-7	5.5	74
284	To blink or not to blink: fine cognitive tuning of the defensive peripersonal space. <i>Journal of Neuroscience</i> , 2012 , 32, 12921-7	6.6	73
283	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
282	Modulating the default mode network using hypnosis. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2012 , 60, 206-28	1.8	72
281	Neuroticism influences brain activity during the experience of visceral pain. <i>Gastroenterology</i> , 2011 , 141, 909-917.e1	13.3	72
280	Atypical processing of voice sounds in infants at risk for autism spectrum disorder. <i>Cortex</i> , 2015 , 71, 122-33	3.8	71
279	The effects of gender and COMT Val158Met polymorphism on fearful facial affect recognition: a fMRI study. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 371-81	5.8	71
278	Cingulate activity and fronto-temporal connectivity in people with prodromal signs of psychosis. <i>NeuroImage</i> , 2010 , 49, 947-55	7.9	70
277	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, 982-90	7.9	69
276	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017 , 8, 27	6.5	69
275	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, 113-20	2.9	68
274	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, 3488-95		67
273	Personality factors correlate with regional cerebral perfusion. <i>NeuroImage</i> , 2006 , 31, 489-95	7.9	66
272	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	3.7	66
271	A longitudinal study of diffusion tensor MRI in ALS. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2007 , 8, 348-55		65
270	Alterations in brain structure in adults with anorexia nervosa and the impact of illness duration. <i>Psychological Medicine</i> , 2014 , 44, 1965-75	6.9	64
269	Dysconnectivity of neurocognitive networks at rest in very-preterm born adults. <i>NeuroImage: Clinical</i> , 2014 , 4, 352-65	5.3	63
268	Unique brain areas associated with abstinence control are damaged in multiply detoxified alcoholics. <i>Biological Psychiatry</i> , 2011 , 70, 545-52	7.9	63

267	Negative mood affects brain processing of visceral sensation. <i>Gastroenterology</i> , 2009 , 137, 253-61, 261.e1-3	1.3	63
266	I'm not as slim as that girl: neural bases of body shape self-comparison to media images. <i>NeuroImage</i> , 2007 , 37, 674-81	7.9	63
265	It's not what you hear, it's the way you think about it: appraisals as determinants of affect and behaviour in voice hearers. <i>Psychological Medicine</i> , 2012 , 42, 1507-14	6.9	62
264	Altered functional neuroanatomy of response inhibition in adolescent males who were born very preterm. <i>Developmental Medicine and Child Neurology</i> , 2006 , 48, 265-71	3.3	62
263	Frontal lobe N-acetylaspartate correlates with psychopathology in schizophrenia: a proton magnetic resonance spectroscopy study. <i>Schizophrenia Research</i> , 2003 , 64, 63-71	3.6	62
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