

Steven C R Williams

List of Publications by Year in Descending Order

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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	The association between pain-induced autonomic reactivity and descending pain control is mediated by the periaqueductal grey. <i>Journal of Physiology</i> , 2021 , 599, 5243-5260	3.9	0
427	Revealing the mechanisms behind novel auditory stimuli discrimination: An evaluation of silent functional MRI using looping star. <i>Human Brain Mapping</i> , 2021 , 42, 2833-2850	5.9	2
426	Fine-tuning neural excitation/inhibition for tailored ketamine use in treatment-resistant depression. <i>Translational Psychiatry</i> , 2021 , 11, 335	8.6	3
425	Characterizing the Clinical Features and Atrophy Patterns of -Related Frontotemporal Dementia With Disease Progression Modeling. <i>Neurology</i> , 2021 , 97, e941-e952	6.5	3
424	Cholinergic modulation of disorder-relevant human defensive behaviour in generalised anxiety disorder. <i>Translational Psychiatry</i> , 2021 , 11, 13	8.6	3
423	Neural mapping of prepulse-induced startle reflex modulation as indices of sensory information processing in healthy and clinical populations: A systematic review. <i>Human Brain Mapping</i> , 2021 , 42, 5495-5518 ⁴	5.9	184
422	The autonomic brain: Multi-dimensional generative hierarchical modelling of the autonomic connectome. <i>Cortex</i> , 2021 , 143, 164-179	3.8	2
421	Imaging transcriptomics: Convergent cellular, transcriptomic, and molecular neuroimaging signatures in the healthy adult human brain.. <i>Cell Reports</i> , 2021 , 37, 110173	10.6	3
420	Acute oxytocin effects in inferring others' beliefs and social emotions in people at clinical high risk for psychosis. <i>Translational Psychiatry</i> , 2020 , 10, 203	8.6	2
419	Cholinergic Modulation of Disorder-Relevant Neural Circuits in Generalized Anxiety Disorder. <i>Biological Psychiatry</i> , 2020 , 87, 908-915	7.9	7
418	Silent T mapping using the variable flip angle method with B correction. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 813-824	4.4	5
417	The subcortical belly of sleep: New possibilities in neuromodulation of basal ganglia?. <i>Sleep Medicine Reviews</i> , 2020 , 52, 101317	10.2	10
416	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020 , 5, 74	4.8	2
415	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020 , 5, 74	4.8	0
414	Neural diffusivity and pre-emptive epileptic seizure intervention. <i>PLoS Computational Biology</i> , 2020 , 16, e1008448	5	
413	Noxious pressure stimulation demonstrates robust, reliable estimates of brain activity and self-reported pain. <i>NeuroImage</i> , 2020 , 221, 117178	7.9	5
412	Occipital cortex and cerebellum gray matter changes in visual snow syndrome. <i>Neurology</i> , 2020 , 95, e1792-e1799	5.1	1799

411	Delta-9-tetrahydrocannabinol increases striatal glutamate levels in healthy individuals: implications for psychosis. <i>Molecular Psychiatry</i> , 2020 , 25, 3231-3240	15.1	39
410	Association of cannabis with glutamatergic levels in patients with early psychosis: Evidence for altered volume striatal glutamate relationships in patients with a history of cannabis use in early psychosis. <i>Translational Psychiatry</i> , 2020 , 10, 111	8.6	2
409	Converging evidence points towards a role of insulin signaling in regulating compulsive behavior. <i>Translational Psychiatry</i> , 2019 , 9, 225	8.6	10
408	Effects of cannabidiol (CBD) on brain excitation and inhibition systems in adults with and without Autism Spectrum Disorder (ASD): a single dose trial during magnetic resonance spectroscopy. <i>Translational Psychiatry</i> , 2019 , 9, 313	8.6	18
407	Brain activation during human defensive behaviour: A systematic review and preliminary meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 98, 71-84	9	5
406	Test-retest reliability and longitudinal analysis of automated hippocampal subregion volumes in healthy ageing and Alzheimer's disease populations. <i>Human Brain Mapping</i> , 2018 , 39, 1743-1754	5.9	32
405	Group II metabotropic glutamate receptor agonist prodrugs LY2979165 and LY2140023 attenuate the functional imaging response to ketamine in healthy subjects. <i>Psychopharmacology</i> , 2018 , 235, 1875-1886	4.7	22
404	Delineation between different components of chronic pain using dimension reduction - an ASL fMRI study in hand osteoarthritis. <i>European Journal of Pain</i> , 2018 , 22, 1245-1254	3.7	11
403	Cerebral blood flow predicts differential neurotransmitter activity. <i>Scientific Reports</i> , 2018 , 8, 4074	4.9	27
402	Morphology of subcortical brain nuclei is associated with autonomic function in healthy humans. <i>Human Brain Mapping</i> , 2018 , 39, 381-392	5.9	12
401	Active Acquisition for multimodal neuroimaging. <i>Wellcome Open Research</i> , 2018 , 3, 145	4.8	2
400	Active Acquisition for multimodal neuroimaging. <i>Wellcome Open Research</i> , 2018 , 3, 145	4.8	1
399	Glutamatergic Agents in the Treatment of Compulsivity and Impulsivity in Child and Adolescent Psychiatry: a Systematic Review of the Literature. <i>Zeitschrift für Kinder- Und Jugendpsychiatrie Und Psychotherapie</i> , 2018 , 46, 246-263	1.8	10
398	Previous cannabis exposure modulates the acute effects of delta-9-tetrahydrocannabinol on attentional salience and fear processing. <i>Experimental and Clinical Psychopharmacology</i> , 2018 , 26, 582-598	3.2	21
397	Striatal structure and its association with N-Acetylaspartate and glutamate in autism spectrum disorder and obsessive compulsive disorder. <i>European Neuropsychopharmacology</i> , 2018 , 28, 118-129	1.2	9
396	Obstructive sleep apnoea and Alzheimer's disease: In search of shared pathomechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 86, 142-149	9	49
395	Prescreening clinical trial volunteers using an online personality questionnaire. <i>Neuropsychiatric Disease and Treatment</i> , 2018 , 14, 2297-2303	3.1	4
394	Brain connectivity changes occurring following cognitive behavioural therapy for psychosis predict long-term recovery. <i>Translational Psychiatry</i> , 2017 , 7, e1001	8.6	15

393	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
392	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
391	Sex differences in frontal lobe connectivity in adults with autism spectrum conditions. <i>Translational Psychiatry</i> , 2017 , 7, e1090	8.6	24
390	Instability of default mode network connectivity in major depression: a two-sample confirmation study. <i>Translational Psychiatry</i> , 2017 , 7, e1105	8.6	100
389	Shifting brain inhibitory balance and connectivity of the prefrontal cortex of adults with autism spectrum disorder. <i>Translational Psychiatry</i> , 2017 , 7, e1137	8.6	59
388	Corticolimbic hyper-response to emotion and glutamatergic function in people with high schizotypy: a multimodal fMRI-MRS study. <i>Translational Psychiatry</i> , 2017 , 7, e1083	8.6	15
387	Reduced perfusion in Broca's area in developmental stuttering. <i>Human Brain Mapping</i> , 2017 , 38, 1865-1874	5.4	21
386	Evolution of structural abnormalities in the rat brain following in utero exposure to maternal immune activation: A longitudinal in vivo MRI study. <i>Brain, Behavior, and Immunity</i> , 2017 , 63, 50-59	16.6	42
385	Characterization of the resting-state brain network topology in the 6-hydroxydopamine rat model of Parkinson's disease. <i>PLoS ONE</i> , 2017 , 12, e0172394	3.7	6
384	A Multi-Cohort Study of ApoE e4 and Amyloid- β Effects on the Hippocampus in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 56, 1159-1174	4.3	25
383	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
382	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017 , 8, 27	6.5	69
381	Fronto-Striatal Glutamate in Autism Spectrum Disorder and Obsessive Compulsive Disorder. <i>Neuropsychopharmacology</i> , 2017 , 42, 2456-2465	8.7	21
380	A multimodal imaging study of recognition memory in very preterm born adults. <i>Human Brain Mapping</i> , 2017 , 38, 644-655	5.9	14
379	Clinical utility of magnetic resonance imaging in first-episode psychosis. <i>British Journal of Psychiatry</i> , 2017 , 211, 231-237	5.4	14
378	Brain structure in women at risk of postpartum psychosis: an MRI study. <i>Translational Psychiatry</i> , 2017 , 7, 1286	8.6	18
377	Authors' reply. <i>British Journal of Psychiatry</i> , 2017 , 211, 250	5.4	
376	Motor Learning Induces Plasticity in the Resting Brain-Drumming Up a Connection. <i>Cerebral Cortex</i> , 2017 , 27, 2010-2021	5.1	17

375	Investigating virtual reality navigation in amnesic mild cognitive impairment using fMRI. <i>Aging, Neuropsychology, and Cognition</i> , 2016 , 23, 196-217	2.1	15
374	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
373	Dissociable brain correlates for depression, anxiety, dissociation, and somatization in depersonalization-derealization disorder. <i>CNS Spectrums</i> , 2016 , 21, 35-42	1.8	21
372	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016 , 6, 35333	4.9	47
371	COMPULS: design of a multicenter phenotypic, cognitive, genetic, and magnetic resonance imaging study in children with compulsive syndromes. <i>BMC Psychiatry</i> , 2016 , 16, 361	4.2	9
370	Glutamatergic medication in the treatment of obsessive compulsive disorder (OCD) and autism spectrum disorder (ASD) - study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 141	2.8	16
369	Mapping Depression in Schizophrenia: A Functional Magnetic Resonance Imaging Study. <i>Schizophrenia Bulletin</i> , 2016 , 42, 802-13	1.3	16
368	Cognitive Behavioral Therapy Normalizes Functional Connectivity for Social Threat in Psychosis. <i>Schizophrenia Bulletin</i> , 2016 , 42, 684-92	1.3	20
367	Reinforcement of the Brain's Rich-Club Architecture Following Early Neurodevelopmental Disruption Caused by Very Preterm Birth. <i>Cerebral Cortex</i> , 2016 , 26, 1322-35	5.1	57
366	Delayed intramuscular human neurotrophin-3 improves recovery in adult and elderly rats after stroke. <i>Brain</i> , 2016 , 139, 259-75	11.2	35
365	Voxel-based magnetic resonance imaging investigation of poor and preserved clinical insight in people with schizophrenia. <i>World Journal of Psychiatry</i> , 2016 , 6, 311-21	3	8
364	Whole-brain ex-vivo quantitative MRI of the cuprizone mouse model. <i>PeerJ</i> , 2016 , 4, e2632	3.1	44
363	Chronic exposure to haloperidol and olanzapine leads to common and divergent shape changes in the rat hippocampus in the absence of grey-matter volume loss. <i>Psychological Medicine</i> , 2016 , 46, 3081-3093	6.9	14
362	Altered resting-state functional connectivity in emotion-processing brain regions in adults who were born very preterm. <i>Psychological Medicine</i> , 2016 , 46, 3025-3039	6.9	24
361	Changes in Neurocognitive Architecture in Patients with Obstructive Sleep Apnea Treated with Continuous Positive Airway Pressure. <i>EBioMedicine</i> , 2016 , 7, 221-9	8.8	51
360	Relationship Between Cortical Gyrification, White Matter Connectivity, and Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2016 , 26, 3297-309	5.1	57
359	TAK-063, a phosphodiesterase 10A inhibitor, modulates neuronal activity in various brain regions in pHMRI and EEG studies with and without ketamine challenge. <i>Neuroscience</i> , 2016 , 339, 180-190	3.9	13
358	Making use of longitudinal information in pattern recognition. <i>Human Brain Mapping</i> , 2016 , 37, 4385-4404	3.9	3

357	Characterization of gray matter atrophy following 6-hydroxydopamine lesion of the nigrostriatal system. <i>Neuroscience</i> , 2016 , 334, 166-179	3.9	8
356	Cortical and subcortical glutathione levels in adults with autism spectrum disorder. <i>Autism Research</i> , 2016 , 9, 429-435	5.1	14
355	Cognitive load and autonomic response patterns under negative priming demand in depersonalization-derealization disorder. <i>European Journal of Neuroscience</i> , 2016 , 43, 971-8	3.5	11
354	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
353	Does neuroanatomy account for superior temporal dysfunction in early psychosis? A multimodal MRI investigation. <i>Journal of Psychiatry and Neuroscience</i> , 2015 , 40, 100-7	4.5	5
352	Pharmacologic modulation of hand pain in osteoarthritis: a double-blind placebo-controlled functional magnetic resonance imaging study using naproxen. <i>Arthritis and Rheumatology</i> , 2015 , 67, 741-51	9.5	22
351	Rsu1 regulates ethanol consumption in Drosophila and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4085-93	11.5	44
350	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
349	Auditory verbal hallucinations and brain dysconnectivity in the perisylvian language network: a multimodal investigation. <i>Schizophrenia Bulletin</i> , 2015 , 41, 192-200	1.3	45
348	White-matter relaxation time and myelin water fraction differences in young adults with autism. <i>Psychological Medicine</i> , 2015 , 45, 795-805	6.9	44
347	Visually induced nausea causes characteristic changes in cerebral, autonomic and endocrine function in humans. <i>Journal of Physiology</i> , 2015 , 593, 1183-96	3.9	48
346	Decreased centrality of cortical volume covariance networks in autism spectrum disorders. <i>Journal of Psychiatric Research</i> , 2015 , 69, 142-9	5.2	16
345	Atypical processing of voice sounds in infants at risk for autism spectrum disorder. <i>Cortex</i> , 2015 , 71, 122-38	38	71
344	Multivariate decoding of cerebral blood flow measures in a clinical model of on-going postsurgical pain. <i>Human Brain Mapping</i> , 2015 , 36, 633-42	5.9	16
343	Brain and cord myelin water imaging: a progressive multiple sclerosis biomarker. <i>NeuroImage: Clinical</i> , 2015 , 9, 574-80	5.3	36
342	Relationship Between Surface-Based Brain Morphometric Measures and Intelligence in Autism Spectrum Disorders: Influence of History of Language Delay. <i>Autism Research</i> , 2015 , 8, 556-66	5.1	7
341	Obsessive-Compulsive Disorder in Adults with High-Functioning Autism Spectrum Disorder: What Does Self-Report with the OCI-R Tell Us?. <i>Autism Research</i> , 2015 , 8, 477-85	5.1	38
340	Cerebral analgesic response to nonsteroidal anti-inflammatory drug ibuprofen. <i>Pain</i> , 2015 , 156, 1301-1380	380	29

339	Aberrant function of learning and cognitive control networks underlie inefficient cognitive flexibility in anorexia nervosa: a cross-sectional fMRI study. <i>PLoS ONE</i> , 2015 , 10, e0124027	3.7	38
338	Testing the 'Extreme Female Brain' Theory of Psychosis in Adults with Autism Spectrum Disorder with or without Co-Morbid Psychosis. <i>PLoS ONE</i> , 2015 , 10, e0128102	3.7	11
337	Common and distinct neural effects of risperidone and olanzapine during procedural learning in schizophrenia: a randomised longitudinal fMRI study. <i>Psychopharmacology</i> , 2015 , 232, 3135-47	4.7	8
336	Ketamine induces a robust whole-brain connectivity pattern that can be differentially modulated by drugs of different mechanism and clinical profile. <i>Psychopharmacology</i> , 2015 , 232, 4205-18	4.7	51
335	BRAIN NETWORKS. Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015 , 348, 1241-4	33.3	355
334	Longitudinal in vivo maturational changes of metabolites in the prefrontal cortex of rats exposed to polyinosinic-polycytidylic acid in utero. <i>European Neuropsychopharmacology</i> , 2015 , 25, 2210-20	1.2	23
333	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. <i>Cerebral Cortex</i> , 2015 , 25, 3613-28	5.1	38
332	Very Early Brain Damage Leads to Remodeling of the Working Memory System in Adulthood: A Combined fMRI/Tractography Study. <i>Journal of Neuroscience</i> , 2015 , 35, 15787-99	6.6	30
331	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
330	Impairment of inhibitory control processing related to acute psychotomimetic effects of cannabis. <i>European Neuropsychopharmacology</i> , 2015 , 25, 26-37	1.2	60
329	Alterations in working memory networks in amnesic mild cognitive impairment. <i>Aging, Neuropsychology, and Cognition</i> , 2015 , 22, 106-27	2.1	25
328	The cortical thickness phenotype of individuals with DISC1 translocation resembles schizophrenia. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3714-22	15.9	14
327	Bayesian multi-task learning for decoding multi-subject neuroimaging data. <i>NeuroImage</i> , 2014 , 92, 298-311	3.1	40
326	Classifying social anxiety disorder using multivoxel pattern analyses of brain function and structure. <i>Behavioural Brain Research</i> , 2014 , 259, 330-5	3.4	42
325	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
324	Full Bayesian multi-task learning for multi-output brain decoding and accommodating missing data 2014 ,		3
323	Anatomical predictors of aphasia recovery: a tractography study of bilateral perisylvian language networks. <i>Brain</i> , 2014 , 137, 2027-39	11.2	212
322	Are power calculations useful? A multicentre neuroimaging study. <i>Human Brain Mapping</i> , 2014 , 35, 3569-73	5.7	12

321	Investigating repetition and change in musical rhythm by functional MRI. <i>Neuroscience</i> , 2014 , 275, 469-76.	9	13
320	The neuropsychology of male adults with high-functioning autism or asperger syndrome. <i>Autism Research</i> , 2014 , 7, 568-81	5.1	78
319	The effect of age, diagnosis, and their interaction on vertex-based measures of cortical thickness and surface area in autism spectrum disorder. <i>Journal of Neural Transmission</i> , 2014 , 121, 1157-70	4.3	48
318	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014 , 512, 185-9	50.4	296
317	Increased BOLD signal in the fusiform gyrus during implicit emotion processing in anorexia nervosa. <i>NeuroImage: Clinical</i> , 2014 , 4, 266-73	5.3	38
316	Functional MRI investigation of verbal working memory in adults with anorexia nervosa. <i>European Psychiatry</i> , 2014 , 29, 211-8	6	22
315	Self-regulation of the anterior insula: Reinforcement learning using real-time fMRI neurofeedback. <i>NeuroImage</i> , 2014 , 88, 113-24	7.9	55
314	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
313	Alzheimer's disease biomarker discovery using SOMAscan multiplexed protein technology. <i>Alzheimer's and Dementia</i> , 2014 , 10, 724-34	1.2	133
312	Preservation and compensation: the functional neuroanatomy of insight and working memory in schizophrenia. <i>Schizophrenia Research</i> , 2014 , 152, 201-9	3.6	16
311	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
310	Brainstem structures are primarily affected in an experimental model of severe scorpion envenomation. <i>Toxicological Sciences</i> , 2014 , 137, 147-57	4.4	8
309	Cognitive remediation, brain function and central coherence: an anorexia nervosa pilot study 2014 , 13,		9
308	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
307	Provocation of symmetry/ordering symptoms in Anorexia nervosa: a functional neuroimaging study. <i>PLoS ONE</i> , 2014 , 9, e97998	3.7	10
306	Predicting progression of Alzheimer's disease using ordinal regression. <i>PLoS ONE</i> , 2014 , 9, e105542	3.7	40
305	Diffusion tensor imaging of Parkinson's disease, multiple system atrophy and progressive supranuclear palsy: a tract-based spatial statistics study. <i>PLoS ONE</i> , 2014 , 9, e112638	3.7	55
304	An empirical comparison of different approaches for combining multimodal neuroimaging data with support vector machine. <i>Frontiers in Neuroscience</i> , 2014 , 8, 189	5.1	22

303	Neural correlates of illusory line motion. <i>PLoS ONE</i> , 2014 , 9, e87595	3.7	8
302	Protein kinase B (AKT1) genotype mediates sensitivity to cannabis-induced impairments in psychomotor control. <i>Psychological Medicine</i> , 2014 , 44, 3315-28	6.9	34
301	DRD2/ANKK1 polymorphism modulates the effect of ventral striatal activation on working memory performance. <i>Neuropsychopharmacology</i> , 2014 , 39, 2357-65	8.7	26
300	White-matter microstructure and gray-matter volumes in adolescents with subthreshold bipolar symptoms. <i>Molecular Psychiatry</i> , 2014 , 19, 462-70	15.1	30
299	Segregating the cerebral mechanisms of antidepressants and placebo in fibromyalgia. <i>Journal of Pain</i> , 2014 , 15, 1328-37	5.2	12
298	Abnormal functional activation and maturation of fronto-striato-temporal and cerebellar regions during sustained attention in autism spectrum disorder. <i>American Journal of Psychiatry</i> , 2014 , 171, 1107-16	11.9	48
297	Nutrient intake and brain biomarkers of Alzheimer's disease in at-risk cognitively normal individuals: a cross-sectional neuroimaging pilot study. <i>BMJ Open</i> , 2014 , 4, e004850	3	59
296	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
295	Impaired fear recognition and attentional set-shifting is associated with brain structural changes in alcoholic patients. <i>Addiction Biology</i> , 2014 , 19, 1041-54	4.6	46
294	Dysconnectivity of neurocognitive networks at rest in very-preterm born adults. <i>NeuroImage: Clinical</i> , 2014 , 4, 352-65	5.3	63
293	Road work on memory lane--functional and structural alterations to the learning and memory circuit in adults born very preterm. <i>NeuroImage</i> , 2014 , 102 Pt 1, 152-61	7.9	29
292	Physiological and psychological individual differences influence resting brain function measured by ASL perfusion. <i>Brain Structure and Function</i> , 2014 , 219, 1673-84	4	10
291	Cortical thickness, surface area and volume measures in Parkinson's disease, multiple system atrophy and progressive supranuclear palsy. <i>PLoS ONE</i> , 2014 , 9, e114167	3.7	35
290	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
289	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
288	Effects of risperidone, amisulpride and nicotine on eye movement control and their modulation by schizotypy. <i>Psychopharmacology</i> , 2013 , 227, 331-45	4.7	30
287	Elucidating neuroanatomical alterations in the at risk mental state and first episode psychosis: a combined voxel-based morphometry and voxel-based cortical thickness study. <i>Schizophrenia Research</i> , 2013 , 150, 505-11	3.6	24
286	Interoceptive-reflective regions differentiate alexithymia traits in depersonalization disorder. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 214, 66-72	2.9	32

285	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
284	Temporal lobe volume abnormalities precede the prodrome: a study of children presenting antecedents of schizophrenia. <i>Schizophrenia Bulletin</i> , 2013 , 39, 1318-27	1.3	36
283	Quantifying the test-retest reliability of cerebral blood flow measurements in a clinical model of on-going post-surgical pain: A study using pseudo-continuous arterial spin labelling. <i>NeuroImage: Clinical</i> , 2013 , 3, 301-310	5.3	35
282	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
281	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
280	Multivariate decoding of brain images using ordinal regression. <i>NeuroImage</i> , 2013 , 81, 347-357	7.9	19
279	The functional anatomy of suggested limb paralysis. <i>Cortex</i> , 2013 , 49, 411-22	3.8	29
278	CrossTalk opposing view: the intermittent hypoxia attending severe obstructive sleep apnoea does not lead to alterations in brain structure and function. <i>Journal of Physiology</i> , 2013 , 591, 383-5; discussion 387,389	3.9	22
277	Rebuttal from Ivana Rosenzweig, Steven C. Williams and Mary J. Morrell. <i>Journal of Physiology</i> , 2013 , 591, 389-389	3.9	1
276	Test-retest reliability of the BOLD pharmacological MRI response to ketamine in healthy volunteers. <i>NeuroImage</i> , 2013 , 64, 75-90	7.9	88
275	A novel method for reducing the effect of tonic muscle activity on the gamma band of the scalp EEG. <i>Brain Topography</i> , 2013 , 26, 50-61	4.3	19
274	A dose of ruthlessness: interpersonal moral judgment is hardened by the anti-anxiety drug lorazepam. <i>Journal of Experimental Psychology: General</i> , 2013 , 142, 612-20	4.7	44
273	Psychophysiological responses to pain identify reproducible human clusters. <i>Pain</i> , 2013 , 154, 2266-2276		33
272	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
271	A link between FTO, ghrelin, and impaired brain food-cue responsivity. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3539-51	15.9	246
270	Sex differences in brain response to anticipated and experienced visceral pain in healthy subjects. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, G687-99	5.1	43
269	Neural processing of criticism and positive comments from relatives in individuals with schizotypal personality traits. <i>World Journal of Biological Psychiatry</i> , 2013 , 14, 57-70	3.8	12
268	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013 , 136, 2799-815	11.2	198

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