

Gareth Barker

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.

545
papers

37,854
citations

104
h-index

169
g-index

591
ext. papers

42,420
ext. citations

6.4
avg, IF

6.74
L-index

#	Paper	IF	Citations
545	Accurate brain-age models for routine clinical MRI examinations.. <i>NeuroImage</i> , 2022 , 249, 118871	7.9	2
544	Impact of physiological factors on longitudinal structural MRI measures of the brain.. <i>Psychiatry Research - Neuroimaging</i> , 2022 , 321, 111446	2.9	1
543	Deep learning models for triaging hospital head MRI examinations.. <i>Medical Image Analysis</i> , 2022 , 78, 102391	15.4	0
542	Relationship between cortical glutamatergic metabolite levels and hippocampal activity in schizotypy.. <i>Schizophrenia Research</i> , 2022 , 240, 132-134	3.6	0
541	Deep learning to automate the labelling of head MRI datasets for computer vision applications. <i>European Radiology</i> , 2022 , 32, 725-736	8	6
540	Subcortical volume reduction and cortical thinning 3 months after switching to clozapine in treatment resistant schizophrenia.. <i>NPJ Schizophrenia</i> , 2022 , 8, 13	5.5	0
539	Genetic variants associated with longitudinal changes in brain structure across the lifespan.. <i>Nature Neuroscience</i> , 2022 , 25, 421-432	25.5	1
538	Risk clustering and psychopathology from a multi-center cohort of Indian children, adolescents, and young adults.. <i>Development and Psychopathology</i> , 2022 , 1-9	4.3	
537	Bayesian causal network modeling suggests adolescent cannabis use accelerates prefrontal cortical thinning.. <i>Translational Psychiatry</i> , 2022 , 12, 188	8.6	0
536	Development of Disordered Eating Behaviors and Comorbid Depressive Symptoms in Adolescence: Neural and Psychopathological Predictors. <i>Biological Psychiatry</i> , 2021 , 90, 853-862	7.9	4
535	Adverse childhood experiences and substance misuse in young people in India: results from the multisite cVEDA cohort. <i>BMC Public Health</i> , 2021 , 21, 1920	4.1	2
534	Reliability of structural MRI measurements: The effects of scan session, head tilt, inter-scan interval, acquisition sequence, FreeSurfer version and processing stream. <i>NeuroImage</i> , 2021 , 246, 118751	7.9	3
533	Internal reliability of blame-related functional MRI measures in major depressive disorder.. <i>NeuroImage: Clinical</i> , 2021 , 32, 102901	5.3	
532	Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1690-1702	27.4	37
531	You read my mind: fMRI markers of threatening appraisals in people with persistent psychotic experiences. <i>NPJ Schizophrenia</i> , 2021 , 7, 49	5.5	
530	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2021 ,	12.8	1
529	Linked patterns of biological and environmental covariation with brain structure in adolescence: a population-based longitudinal study. <i>Molecular Psychiatry</i> , 2021 , 26, 4905-4918	15.1	9

528	Neuroimaging Association Scores: reliability and validity of aggregate measures of brain structural features linked to mental disorders in youth. <i>European Child and Adolescent Psychiatry</i> , 2021 , 30, 1895-1906	5.5	0
527	Measurements of Λ and Σ^+ charged-current cross-sections without detected pions or protons on water and hydrocarbon at a mean anti-neutrino energy of 0.86 GeV. <i>Progress of Theoretical and Experimental Physics</i> , 2021 , 2021,	5.4	1
526	The interaction of child abuse and rs1360780 of the FKBP5 gene is associated with amygdala resting-state functional connectivity in young adults. <i>Human Brain Mapping</i> , 2021 , 42, 3269-3281	5.9	2
525	Orbitofrontal control of conduct problems? Evidence from healthy adolescents processing negative facial affect. <i>European Child and Adolescent Psychiatry</i> , 2021 , 1	5.5	1
524	Silent zero TE MR neuroimaging: Current state-of-the-art and future directions. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2021 , 123, 73-93	10.4	5
523	Substance Use Initiation, Particularly Alcohol, in Drug-Naive Adolescents: Possible Predictors and Consequences From a Large Cohort Naturalistic Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021 , 60, 623-636	7.2	8
522	Reward Versus Nonreward Sensitivity of the Medial Versus Lateral Orbitofrontal Cortex Relates to the Severity of Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 259-269	3.4	7
521	Symptom Remission and Brain Cortical Networks at First Clinical Presentation of Psychosis: The OPTiMiSE Study. <i>Schizophrenia Bulletin</i> , 2021 , 47, 444-455	1.3	1
520	Dopamine and Glutamate in Antipsychotic-Responsive Compared With Antipsychotic-Nonresponsive Psychosis: A Multicenter Positron Emission Tomography and Magnetic Resonance Spectroscopy Study (STRATA). <i>Schizophrenia Bulletin</i> , 2021 , 47, 505-516	1.3	14
519	Changes in Brain Glutamate on Switching to Clozapine in Treatment-Resistant Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021 , 47, 662-671	1.3	10
518	Decentralized Multisite VBM Analysis During Adolescence Shows Structural Changes Linked to Age, Body Mass Index, and Smoking: a COINSTAC Analysis. <i>Neuroinformatics</i> , 2021 , 19, 553-566	3.2	3
517	Mapping tumour heterogeneity with pulsed 3D CEST MRI in non-enhancing glioma at 3T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021 , 1	2.8	4
516	Detection of covert lesions in focal epilepsy using computational analysis of multimodal magnetic resonance imaging data. <i>Epilepsia</i> , 2021 , 62, 807-816	6.4	4
515	Neural network involving medial orbitofrontal cortex and dorsal periaqueductal gray regulation in human alcohol abuse. <i>Science Advances</i> , 2021 , 7,	14.3	5
514	Supernova Model Discrimination with Hyper-Kamiokande. <i>Astrophysical Journal</i> , 2021 , 916, 15	4.7	4
513	A Modest Increase in C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 716-724	3.4	6
512	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
511	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021 , 90, 529-539	7.9	5

510	In vivo Glx and Glu measurements from GABA-edited MRS at 3 T. <i>NMR in Biomedicine</i> , 2021 , 34, e4245	4.4	6
509	Self-blame in major depression: a randomised pilot trial comparing fMRI neurofeedback with self-guided psychological strategies. <i>Psychological Medicine</i> , 2021 , 1-11	6.9	0
508	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
507	Inclusion of the Symbol Digit Modalities Test in a revised assessment of Mo evidence of disease activity-4 (NEDA-4) in Latin-American patients with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 42, 102076	4	2
506	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. <i>Physical Review Letters</i> , 2020 , 124, 161802	7.4	4
505	Neurofunctional and behavioural measures associated with fMRI-neurofeedback learning in adolescents with Attention-Deficit/Hyperactivity Disorder. <i>NeuroImage: Clinical</i> , 2020 , 27, 102291	5.3	6
504	The Consortium on Vulnerability to Externalizing Disorders and Addictions (c-VEDA): an accelerated longitudinal cohort of children and adolescents in India. <i>Molecular Psychiatry</i> , 2020 , 25, 1618-1630	15.1	9
503	Microstructural imaging in temporal lobe epilepsy: Diffusion imaging changes relate to reduced neurite density. <i>NeuroImage: Clinical</i> , 2020 , 26, 102231	5.3	15
502	Increased left inferior fronto-striatal activation during error monitoring after fMRI neurofeedback of right inferior frontal cortex in adolescents with attention deficit hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2020 , 27, 102311	5.3	5
501	The IMAGEN study: a decade of imaging genetics in adolescents. <i>Molecular Psychiatry</i> , 2020 , 25, 2648-2674	15.1	16
500	The empirical replicability of task-based fMRI as a function of sample size. <i>NeuroImage</i> , 2020 , 212, 116601	7.9	23
499	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
498	The Evaluation of Optic Nerves Using 7 Tesla "Silent" Zero Echo Time Imaging in Patients with Leber Hereditary Optic Neuropathy with or without Idebenone Treatment. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
497	Heritability of alpha and sensorimotor network changes in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 667-676	5.3	6
496	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020 , 5, 74	4.8	2
495	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020 , 5, 74	4.8	0
494	Labelling Imaging Datasets on the Basis of Neuroradiology Reports: A Validation Study. <i>Lecture Notes in Computer Science</i> , 2020 , 254-265	0.9	1
493	Identifying biological markers for improved precision medicine in psychiatry. <i>Molecular Psychiatry</i> , 2020 , 25, 243-253	15.1	17

492	Consortium on Vulnerability to Externalizing Disorders and Addictions (cVEDA): A developmental cohort study protocol. <i>BMC Psychiatry</i> , 2020 , 20, 2	4.2	11
491	Effect of single dose N-acetylcysteine administration on resting state functional connectivity in schizophrenia. <i>Psychopharmacology</i> , 2020 , 237, 443-451	4.7	8
490	T19. GLUTAMATE AND RESPONSE TO CLOZAPINE IN TREATMENT RESISTANT SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2020 , 46, S238-S238	1.3	78
489	Neural Correlates of Adolescent Irritability and Its Comorbidity With Psychiatric Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020 , 59, 1371-1379	7.2	10
488	Progression of neuroanatomical abnormalities after first-episode of psychosis: A 3-year longitudinal sMRI study. <i>Journal of Psychiatric Research</i> , 2020 , 130, 137-151	5.2	9
487	Subacute Changes in -Acetylaspartate (NAA) Following Ischemic Stroke: A Serial MR Spectroscopy Pilot Study. <i>Diagnostics</i> , 2020 , 10,	3.8	2
486	A series of five population-specific Indian brain templates and atlases spanning ages 6-60 years. <i>Human Brain Mapping</i> , 2020 , 41, 5164-5175	5.9	4
485	Reward sensitivity predicts dopaminergic response in spatial neglect. <i>Cortex</i> , 2020 , 122, 213-224	3.8	4
484	Distinct brain structure and behavior related to ADHD and conduct disorder traits. <i>Molecular Psychiatry</i> , 2020 , 25, 3020-3033	15.1	16
483	Hierarchical associations of alcohol use disorder symptoms in late adolescence with markers during early adolescence. <i>Addictive Behaviors</i> , 2020 , 100, 106130	4.2	2
482	Neurobehavioural characterisation and stratification of reinforcement-related behaviour. <i>Nature Human Behaviour</i> , 2020 , 4, 544-558	12.8	4
481	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. <i>Nature</i> , 2020 , 580, 339-344	50.4	148
480	Implementation of clinical tractography for pre-surgical planning of space occupying lesions: An investigation of common acquisition and post-processing methods compared to dissection studies. <i>PLoS ONE</i> , 2020 , 15, e0231440	3.7	4
479	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. <i>Brain</i> , 2019 , 142, 3243-3264	11.2	77
478	Clinical and neuroimaging correlates of cognition in HIV. <i>Journal of NeuroVirology</i> , 2019 , 25, 754-764	3.9	5
477	Neuroimaging Evidence for Right Orbitofrontal Cortex Differences in Adolescents With Emotional and Behavioral Dysregulation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019 , 58, 1092-1103	7.2	6
476	Amygdalar reactivity is associated with prefrontal cortical thickness in a large population-based sample of adolescents. <i>PLoS ONE</i> , 2019 , 14, e0216152	3.7	3
475	Inflammatory biomarkers in Alzheimer's disease plasma. <i>Alzheimer's and Dementia</i> , 2019 , 15, 776-787	1.2	74

474	Neural Correlates of Failed Inhibitory Control as an Early Marker of Disordered Eating in Adolescents. <i>Biological Psychiatry</i> , 2019 , 85, 956-965	7.9	12
473	O5.6. REMISSION FROM ANTIPSYCHOTIC TREATMENT IN FIRST EPISODE PSYCHOSIS RELATED TO LONGITUDINAL CHANGES IN BRAIN GLUTAMATE LEVELS. <i>Schizophrenia Bulletin</i> , 2019 , 45, S175-S175	1.3	78
472	Prospective Assessment of No Evidence of Disease Activity-4 Status in Early Disease Stages of Multiple Sclerosis in Routine Clinical Practice. <i>Frontiers in Neurology</i> , 2019 , 10, 788	4.1	7
471	Remission from antipsychotic treatment in first episode psychosis related to longitudinal changes in brain glutamate. <i>NPJ Schizophrenia</i> , 2019 , 5, 12	5.5	12
470	Search for neutral-current induced single photon production at the ND280 near detector in T2K. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019 , 46, 08LT01	2.9	8
469	Measurement of the muon neutrino charged-current cross sections on water, hydrocarbon and iron, and their ratios, with the T2K on-axis detectors. <i>Progress of Theoretical and Experimental Physics</i> , 2019 , 2019,	5.4	6
468	Multi-echo fMRI, resting-state connectivity, and high psychometric schizotypy. <i>NeuroImage: Clinical</i> , 2019 , 21, 101603	5.3	12
467	Association of a Schizophrenia-Risk Nonsynonymous Variant With Putamen Volume in Adolescents: A Voxelwise and Genome-Wide Association Study. <i>JAMA Psychiatry</i> , 2019 , 76, 435-445	14.5	31
466	Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study. <i>Epilepsia</i> , 2019 , 60, e1-e5	6.4	8
465	Allele-Specific Methylation of SPDEF: A Novel Moderator of Psychosocial Stress and Substance Abuse. <i>American Journal of Psychiatry</i> , 2019 , 176, 146-155	11.9	8
464	Functional connectivity changes associated with fMRI neurofeedback of right inferior frontal cortex in adolescents with ADHD. <i>NeuroImage</i> , 2019 , 188, 43-58	7.9	46
463	Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task. <i>Human Brain Mapping</i> , 2019 , 40, 262-283	5.9	31
462	HIV: ageing, cognition and neuroimaging at 4-year follow-up. <i>HIV Medicine</i> , 2018 , 19, 376-385	2.7	12
461	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
460	Real-time fMRI neurofeedback to down-regulate superior temporal gyrus activity in patients with schizophrenia and auditory hallucinations: a proof-of-concept study. <i>Translational Psychiatry</i> , 2018 , 8, 46	8.6	42
459	T150. REAL-TIME FMRI NEUROFEEDBACK TO DOWN-REGULATE SUPERIOR TEMPORAL GYRUS ACTIVITY IN PATIENTS WITH SCHIZOPHRENIA AND AUDITORY HALLUCINATIONS: A PROOF-OF-CONCEPT STUDY. <i>Schizophrenia Bulletin</i> , 2018 , 44, S174-S174	1.3	78
458	Understanding the relationship between brain and upper limb function in children with unilateral motor impairments: A multimodal approach. <i>European Journal of Paediatric Neurology</i> , 2018 , 22, 143-154	2.8	25
457	Improving fMRI in signal drop-out regions at 7T by using tailored radio-frequency pulses: application to the ventral occipito-temporal cortex. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018 , 31, 257-267	2.8	

456	Early Variations in White Matter Microstructure and Depression Outcome in Adolescents With Subthreshold Depression. <i>American Journal of Psychiatry</i> , 2018 , 175, 1255-1264	11.9	16
455	31.3 CLINICAL UTILITY OF MRI SCANNING IN FIRST EPISODE PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2018 , 44, S50-S51	1.3	0
454	Effects of N-acetylcysteine on brain glutamate levels and resting perfusion in schizophrenia. <i>Psychopharmacology</i> , 2018 , 235, 3045-3054	4.7	16
453	Response to initial antipsychotic treatment in first episode psychosis is related to anterior cingulate glutamate levels: a multicentre H-MRS study (OPTIMISE). <i>Molecular Psychiatry</i> , 2018 , 23, 2145-2155	15.1	70
452	Increased resting perfusion of the hippocampus in high positive schizotypy: A pseudocontinuous arterial spin labeling study. <i>Human Brain Mapping</i> , 2018 , 39, 4055-4064	5.9	16
451	Neuroanatomical changes in people with high schizotypy: relationship to glutamate levels. <i>Psychological Medicine</i> , 2018 , 48, 1880-1889	6.9	14
450	O6.2. NEUROBIOLOGY OF PSYCHOMETRIC SCHIZOTYPY: INSIGHTS FROM MULTIMODAL IMAGING RESEARCH. <i>Schizophrenia Bulletin</i> , 2018 , 44, S89-S90	1.3	78
449	Search for CP Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with 2.2 $\times 10^{21}$ Protons on Target. <i>Physical Review Letters</i> , 2018 , 121, 171802	7.4	96
448	Physics potentials with the second Hyper-Kamiokande detector in Korea. <i>Progress of Theoretical and Experimental Physics</i> , 2018 , 2018,	5.4	41
447	O3.7. EFFECT OF N-ACETYLCYSTEINE ON BRAIN GLUTAMATE LEVELS AND RESTING PERFUSION IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018 , 44, S81-S82	1.3	78
446	Glutamate and GABA in autism spectrum disorder-a translational magnetic resonance spectroscopy study in man and rodent models. <i>Translational Psychiatry</i> , 2018 , 8, 106	8.6	111
445	Brain Regions Related to Impulsivity Mediate the Effects of Early Adversity on Antisocial Behavior. <i>Biological Psychiatry</i> , 2017 , 82, 275-282	7.9	42
444	Anatomical integration and rich-club connectivity in euthymic bipolar disorder. <i>Psychological Medicine</i> , 2017 , 47, 1609-1623	6.9	38
443	Decreased functional connectivity within a language subnetwork in benign epilepsy with centrotemporal spikes. <i>Epilepsia Open</i> , 2017 , 2, 214-225	4	11
442	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017 , 174, 785-794	11.9	23
441	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
440	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
439	Real-time fMRI neurofeedback in adolescents with attention deficit hyperactivity disorder. <i>Human Brain Mapping</i> , 2017 , 38, 3190-3209	5.9	69

438	Impact of a Common Genetic Variation Associated With Putamen Volume on Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017 , 56, 436-444.e4	7.2	11
437	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
436	The Influence of Study-Level Inference Models and Study Set Size on Coordinate-Based fMRI Meta-Analyses. <i>Frontiers in Neuroscience</i> , 2017 , 11, 745	5.1	8
435	Cervical cord myelin water imaging shows degenerative changes over one year in multiple sclerosis but not neuromyelitis optica spectrum disorder. <i>NeuroImage: Clinical</i> , 2017 , 16, 17-22	5.3	17
434	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017 , 118, 151801	7.4	103
433	The impact of CACNA1C gene, and its epistasis with ZNF804A, on white matter microstructure in health, schizophrenia and bipolar disorder. <i>Genes, Brain and Behavior</i> , 2017 , 16, 479-488	3.6	36
432	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1497-1514	4.1	87
431	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. <i>Brain</i> , 2017 , 140, 68-82	11.2	67
430	From mother to child: orbitofrontal cortex gyrification and changes of drinking behaviour during adolescence. <i>Addiction Biology</i> , 2016 , 21, 700-8	4.6	19
429	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016 , 116, 181801	7.4	23
428	Measurement of Coherent μ^+ Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016 , 117, 192501	7.4	15
427	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. <i>Brain Structure and Function</i> , 2016 , 221, 103-14	4	26
426	Neural basis of reward anticipation and its genetic determinants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3879-84	11.5	34
425	Age-effects in white matter using associated diffusion tensor imaging and magnetization transfer ratio during late childhood and early adolescence. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 529-34	3.3	18
424	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. <i>Journal of Psychiatry and Neuroscience</i> , 2016 , 41, 192-202	4.5	12
423	Genome-wide discovered psychosis-risk gene ZNF804A impacts on white matter microstructure in health, schizophrenia and bipolar disorder. <i>PeerJ</i> , 2016 , 4, e1570	3.1	21
422	Whole-Brain Atrophy Rate in Idiopathic Parkinson's Disease, Multiple System Atrophy, and Progressive Supranuclear Palsy. <i>Parkinson's Disease</i> , 2016 , 2016, 9631041	2.6	8
421	Mouse and Human Genetic Analyses Associate Kalirin with Ventral Striatal Activation during Impulsivity and with Alcohol Misuse. <i>Frontiers in Genetics</i> , 2016 , 7, 52	4.5	16

420	Whole-Brain Atrophy Differences between Progressive Supranuclear Palsy and Idiopathic Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 218	5.3	6
419	Structural brain correlates of adolescent resilience. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016 , 57, 1287-1296	7.9	26
418	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. <i>Biological Psychology</i> , 2016 , 118, 79-87	3.2	38
417	Brain glutamate levels and antipsychotic response in schizophrenia. <i>European Psychiatry</i> , 2016 , 33, S19-S49		1
416	Neural correlates of three types of negative life events during angry face processing in adolescents. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1961-1969	4	9
415	Cortical and subcortical glutathione levels in adults with autism spectrum disorder. <i>Autism Research</i> , 2016 , 9, 429-435	5.1	14
414	Diffusion in realistic biophysical systems can lead to aliasing effects in diffusion spectrum imaging. <i>Magnetic Resonance in Medicine</i> , 2016 , 76, 1837-1847	4.4	5
413	Bringing memory fMRI to the clinic: comparison of seven memory fMRI protocols in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015 , 36, 1595-608	5.9	18
412	Subthreshold depression and regional brain volumes in young community adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015 , 54, 832-40	7.2	33
411	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
410	Progressive Brain Atrophy and Cortical Thinning in Schizophrenia after Commencing Clozapine Treatment. <i>Neuropsychopharmacology</i> , 2015 , 40, 2409-17	8.7	39
409	Similar cortical but not subcortical gray matter abnormalities in women with posttraumatic stress disorder with versus without dissociative identity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 231, 308-19	2.9	28
408	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
407	Structural brain network analysis in families multiply affected with bipolar I disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 234, 44-51	2.9	42
406	Investigation of glutamine and GABA levels in patients with idiopathic generalized epilepsy using MEGAPRESS. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 694-9	5.6	38
405	Single nucleotide polymorphism in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents. <i>Molecular Psychiatry</i> , 2015 , 20, 263-74	15.1	40
404	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. <i>Addiction Biology</i> , 2015 , 20, 534-45	4.6	31
403	Genomic architecture of human neuroanatomical diversity. <i>Molecular Psychiatry</i> , 2015 , 20, 1011-6	15.1	39

402	Functional outcome in people at high risk for psychosis predicted by thalamic glutamate levels and prefronto-striatal activation. <i>Schizophrenia Bulletin</i> , 2015 , 41, 429-39	1.3	51
401	Resilience and corpus callosum microstructure in adolescence. <i>Psychological Medicine</i> , 2015 , 45, 2285-946.9		30
400	Tract Based Spatial Statistic Reveals No Differences in White Matter Microstructural Organization between Carriers and Non-Carriers of the APOE e4 and e2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 977-84	4.3	11
399	Brain and cord myelin water imaging: a progressive multiple sclerosis biomarker. <i>NeuroImage: Clinical</i> , 2015 , 9, 574-80	5.3	36
398	Designing hyperbolic secant excitation pulses to reduce signal dropout in gradient-echo echo-planar imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 661-72	4.4	11
397	Association of Protein Phosphatase PPM1G With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , 2015 , 172, 543-52	11.9	49
396	White Matter Connectivity of the Thalamus Delineates the Functional Architecture of Competing Thalamocortical Systems. <i>Cerebral Cortex</i> , 2015 , 25, 4477-89	5.1	41
395	Neural mechanisms underlying song and speech perception can be differentiated using an illusory percept. <i>NeuroImage</i> , 2015 , 108, 225-33	7.9	6
394	Robust regression for large-scale neuroimaging studies. <i>NeuroImage</i> , 2015 , 111, 431-41	7.9	13
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