

Gareth Barker

List of Publications by Year in descending order

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Version: 2024-02-01

562
papers

45,852
citations

1099

112
h-index

3407

183
g-index

593
all docs

593
docs citations

593
times ranked

34966
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-blame in major depression: a randomised pilot trial comparing fMRI neurofeedback with self-guided psychological strategies. <i>Psychological Medicine</i> , 2023, 53, 2831-2841.	4.5	5
2	Mapping tumour heterogeneity with pulsed 3D CEST MRI in non-enhancing glioma at 3T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 53-62.	2.0	13
3	Deep learning to automate the labelling of head MRI datasets for computer vision applications. <i>European Radiology</i> , 2022, 32, 725-736.	4.5	22
4	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2022, 6, 279-293.	12.0	24
5	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> , 2022, 246, 118751.	4.2	40
6	Relationship between cortical glutamatergic metabolite levels and hippocampal activity in schizotypy. <i>Schizophrenia Research</i> , 2022, 240, 132-134.	2.0	2
7	High-resolution quantitative MRI of multiple sclerosis spinal cord lesions. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2914-2921.	3.0	4
8	Accurate brain age models for routine clinical MRI examinations. <i>NeuroImage</i> , 2022, 249, 118871.	4.2	37
9	Impact of physiological factors on longitudinal structural MRI measures of the brain. <i>Psychiatry Research - Neuroimaging</i> , 2022, 321, 111446.	1.8	5
10	Deep learning models for triaging hospital head MRI examinations. <i>Medical Image Analysis</i> , 2022, 78, 102391.	11.6	10
11	A DEVELOPMENTAL PERSPECTIVE ON FACETS OF IMPULSIVITY AND BRAIN ACTIVITY CORRELATES FROM ADOLESCENCE TO ADULTHOOD. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, , .	1.5	2
12	Subcortical volume reduction and cortical thinning 3 months after switching to clozapine in treatment resistant schizophrenia. <i>NPJ Schizophrenia</i> , 2022, 8, 13.	3.6	6
13	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
14	Motion corrected silent ZTE neuroimaging. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 195-210.	3.0	6
15	Risk clustering and psychopathology from a multi-center cohort of Indian children, adolescents, and young adults. <i>Development and Psychopathology</i> , 2022, , 1-9.	2.3	1
16	Brain Signatures During Reward Anticipation Predict Persistent Attention-Deficit/Hyperactivity Disorder Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1050-1061.	0.5	6
17	Bayesian causal network modeling suggests adolescent cannabis use accelerates prefrontal cortical thinning. <i>Translational Psychiatry</i> , 2022, 12, 188.	4.8	7
18	Impaired verbal memory function is related to anterior cingulate glutamate levels in schizophrenia: findings from the STRATA study. , 2022, 8, .		1

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19	Development of Disordered Eating Behaviors and Comorbid Depressive Symptoms in Adolescence: Neural and Psychopathological Predictors. <i>Biological Psychiatry</i> , 2021, 90, 853-862.	1.3	20
20	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.	0.5	25
21	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.	1.5	23
22	Symptom Remission and Brain Cortical Networks at First Clinical Presentation of Psychosis: The OPTiMiSE Study. <i>Schizophrenia Bulletin</i> , 2021, 47, 444-455.	4.3	9
23	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.	4.3	51
24	Changes in Brain Glutamate on Switching to Clozapine in Treatment-Resistant Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 662-671.	4.3	39
25	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.	2.8	11
26	The Open Brain Consent: Informing research participants and obtaining consent to share brain imaging data. <i>Human Brain Mapping</i> , 2021, 42, 1945-1951.	3.6	27
27	Detection of covert lesions in focal epilepsy using computational analysis of multimodal magnetic resonance imaging data. <i>Epilepsia</i> , 2021, 62, 807-816.	5.1	9
28	Neural network involving medial orbitofrontal cortex and dorsal periaqueductal gray regulation in human alcohol abuse. <i>Science Advances</i> , 2021, 7, .	10.3	15
29	Measurements of $\langle \sigma \rangle^{1/2}$ and $\langle \sigma \rangle^{1/4}$ 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, .	6.6	6
30	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.	3.6	7
31	Orbitofrontal control of conduct problems? Evidence from healthy adolescents processing negative facial affect. <i>European Child and Adolescent Psychiatry</i> , 2021, , 1.	4.7	1
32	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.	7.5	23
33	Supernova Model Discrimination with Hyper-Kamiokande. <i>Astrophysical Journal</i> , 2021, 916, 15.	4.5	37
34	A Modest Increase in 11C-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.	1.5	10
35	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. <i>Molecular Psychiatry</i> , 2021, 26, 7346-7354.	7.9	32
36	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25

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37	In vivo Glx and Glu measurements from GABA-edited MRS at 3 T. NMR in Biomedicine, 2021, 34, e4245.	2.8	26
38	Linked patterns of biological and environmental covariation with brain structure in adolescence: a population-based longitudinal study. Molecular Psychiatry, 2021, 26, 4905-4918.	7.9	26
39	Effect of Convalescent Plasma on Organ Support—Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 1690.	7.4	169
40	You read my mind: fMRI markers of threatening appraisals in people with persistent psychotic experiences. NPJ Schizophrenia, 2021, 7, 49.	3.6	2
41	Adverse childhood experiences and substance misuse in young people in India: results from the multisite cVEDA cohort. BMC Public Health, 2021, 21, 1920.	2.9	18
42	Internal reliability of blame-related functional MRI measures in major depressive disorder. NeuroImage: Clinical, 2021, 32, 102901.	2.7	1
43	Reward sensitivity predicts dopaminergic response in spatial neglect. Cortex, 2020, 122, 213-224.	2.4	7
44	Distinct brain structure and behavior related to ADHD and conduct disorder traits. Molecular Psychiatry, 2020, 25, 3020-3033.	7.9	37
45	Hierarchical associations of alcohol use disorder symptoms in late adolescence with markers during early adolescence. Addictive Behaviors, 2020, 100, 106130.	3.0	3
46	Identifying biological markers for improved precision medicine in psychiatry. Molecular Psychiatry, 2020, 25, 243-253.	7.9	40
47	Consortium on Vulnerability to Externalizing Disorders and Addictions (cVEDA): A developmental cohort study protocol. BMC Psychiatry, 2020, 20, 2.	2.6	27
48	Effect of single dose N-acetylcysteine administration on resting state functional connectivity in schizophrenia. Psychopharmacology, 2020, 237, 443-451.	3.1	9
49	T19. GLUTAMATE AND RESPONSE TO CLOZAPINE IN TREATMENT RESISTANT SCHIZOPHRENIA. Schizophrenia Bulletin, 2020, 46, S238-S238.	4.3	0
50	Neuroimaging Association Scores: reliability and validity of aggregate measures of brain structural features linked to mental disorders in youth. European Child and Adolescent Psychiatry, 2020, 30, 1895-1906.	4.7	4
51	Neural Correlates of Adolescent Irritability and Its Comorbidity With Psychiatric Disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 1371-1379.	0.5	18
52	Progression of neuroanatomical abnormalities after first-episode of psychosis: A 3-year longitudinal sMRI study. Journal of Psychiatric Research, 2020, 130, 137-151.	3.1	28
53	Subacute Changes in N-Acetylaspartate (NAA) Following Ischemic Stroke: A Serial MR Spectroscopy Pilot Study. Diagnostics, 2020, 10, 482.	2.6	11
54	A series of five population-specific Indian brain templates and atlases spanning ages 6–60 years. Human Brain Mapping, 2020, 41, 5164-5175.	3.6	18

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55	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.	4.7	14
56	Inclusion of the Symbol Digit Modalities Test in a revised assessment of "no evidence of disease activity-4 (NEDA-4)"™ in Latin-American patients with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 42, 102076.	2.0	6
57	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. <i>Physical Review Letters</i> , 2020, 124, 161802.	7.8	13
58	Neurofunctional and behavioural measures associated with fMRI-neurofeedback learning in adolescents with Attention-Deficit/Hyperactivity Disorder. <i>NeuroImage: Clinical</i> , 2020, 27, 102291.	2.7	13
59	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.	7.9	19
60	Microstructural imaging in temporal lobe epilepsy: Diffusion imaging changes relate to reduced neurite density. <i>NeuroImage: Clinical</i> , 2020, 26, 102231.	2.7	30
61	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.	2.7	14
62	The IMAGEN study: a decade of imaging genetics in adolescents. <i>Molecular Psychiatry</i> , 2020, 25, 2648-2671.	7.9	46
63	The empirical replicability of task-based fMRI as a function of sample size. <i>NeuroImage</i> , 2020, 212, 116601.	4.2	54
64	Silent T ₁ mapping using the variable flip angle method with B ₁ correction. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 813-824.	3.0	10
65	The Evaluation of Optic Nerves Using 7 Tesla "Silent" Zero Echo Time Imaging in Patients with Leber's Hereditary Optic Neuropathy with or without Idebenone Treatment. <i>Journal of Clinical Medicine</i> , 2020, 9, 1112.	2.4	10
66	Heritability of alpha and sensorimotor network changes in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 667-676.	3.7	13
67	Neurobehavioural characterisation and stratification of reinforcement-related behaviour. <i>Nature Human Behaviour</i> , 2020, 4, 544-558.	12.0	15
68	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. <i>Nature</i> , 2020, 580, 339-344.	27.8	313
69	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.	2.5	9
70	Labelling Imaging Datasets on the Basis of Neuroradiology Reports: A Validation Study. <i>Lecture Notes in Computer Science</i> , 2020, , 254-265.	1.3	4
71	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020, 5, 74.	1.8	9
72	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020, 5, 74.	1.8	7

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73	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.	2.4	16
74	Remission from antipsychotic treatment in first episode psychosis related to longitudinal changes in brain glutamate. <i>NPJ Schizophrenia</i> , 2019, 5, 12.	3.6	28
75	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.	3.6	10
76	S156. Progression of Subcortical Changes After First-Episode of Psychosis: A 3-Year Longitudinal Structural Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2019, 85, S357.	1.3	0
77	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, .	6.6	8
78	F51. Putative Causal Relationship Among Polygenic Scores, Cortical Surfaces, and General Intelligence. <i>Biological Psychiatry</i> , 2019, 85, S232.	1.3	0
79	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. <i>Brain</i> , 2019, 142, 3243-3264.	7.6	156
80	Clinical and neuroimaging correlates of cognition in HIV. <i>Journal of NeuroVirology</i> , 2019, 25, 754-764.	2.1	14
81	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.	0.5	11
82	Amygdalar reactivity is associated with prefrontal cortical thickness in a large population-based sample of adolescents. <i>PLoS ONE</i> , 2019, 14, e0216152.	2.5	5
83	Inflammatory biomarkers in Alzheimer's disease plasma. <i>Alzheimer's and Dementia</i> , 2019, 15, 776-787.	0.8	134
84	Neural Correlates of Failed Inhibitory Control as an Early Marker of Disordered Eating in Adolescents. <i>Biological Psychiatry</i> , 2019, 85, 956-965.	1.3	29
85	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.	4.3	0
86	34â€¦The future role of fmri neurofeedback in depression treatment and research. , 2019, , .		0
87	Multi-echo fMRI, resting-state connectivity, and high psychometric schizotypy. <i>NeuroImage: Clinical</i> , 2019, 21, 101603.	2.7	18
88	Association of a Schizophrenia-Risk Nonsynonymous Variant With Putamen Volume in Adolescents. <i>JAMA Psychiatry</i> , 2019, 76, 435.	11.0	51
89	Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study. <i>Epilepsia</i> , 2019, 60, e1-e5.	5.1	12
90	Allele-Specific Methylation of <i>SPDEF</i> : A Novel Moderator of Psychosocial Stress and Substance Abuse. <i>American Journal of Psychiatry</i> , 2019, 176, 146-155.	7.2	14

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91	Functional connectivity changes associated with fMRI neurofeedback of right inferior frontal cortex in adolescents with ADHD. <i>NeuroImage</i> , 2019, 188, 43-58.	4.2	84
92	Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task. <i>Human Brain Mapping</i> , 2019, 40, 262-283.	3.6	69
93	78. Adolescent Impulsivity Phenotypes Characterized by Distinct Brain Networks: A 4-Year Follow up. <i>Biological Psychiatry</i> , 2018, 83, S32-S33.	1.3	0
94	<scp>HIV</scp>: ageing, cognition and neuroimaging at 4-year follow-up. <i>HIV Medicine</i> , 2018, 19, 376-385.	2.2	18
95	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.	3.6	45
96	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.	4.8	58
97	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.	4.3	0
98	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.	1.6	40
99	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.	2.0	0
100	Neuroanatomical changes in people with high schizotypy: relationship to glutamate levels. <i>Psychological Medicine</i> , 2018, 48, 1880-1889.	4.5	20
101	O6.2. NEUROBIOLOGY OF PSYCHOMETRIC SCHIZOTYPY: INSIGHTS FROM MULTIMODAL IMAGING RESEARCH. <i>Schizophrenia Bulletin</i> , 2018, 44, S89-S90.	4.3	0
102	Search for C Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with 2.2σ Protons on Target. <i>Physical Review Letters</i> , 2018, 121, 171802.	7.8	165
103	Physics potentials with the second Hyper-Kamiokande detector in Korea. <i>Progress of Theoretical and Experimental Physics</i> , 2018, 2018, .	6.6	77
104	O3.7. EFFECT OF N-ACETYLCYSTEINE ON BRAIN GLUTAMATE LEVELS AND RESTING PERFUSION IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S81-S82.	4.3	0
105	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.	4.8	212
106	Early Variations in White Matter Microstructure and Depression Outcome in Adolescents With Subthreshold Depression. <i>American Journal of Psychiatry</i> , 2018, 175, 1255-1264.	7.2	26
107	31.3 CLINICAL UTILITY OF MRI SCANNING IN FIRST EPISODE PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2018, 44, S50-S51.	4.3	2
108	Effects of N-acetylcysteine on brain glutamate levels and resting perfusion in schizophrenia. <i>Psychopharmacology</i> , 2018, 235, 3045-3054.	3.1	20

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109	Response to initial antipsychotic treatment in first episode psychosis is related to anterior cingulate glutamate levels: a multicentre 1H-MRS study (OPTiMiSE). <i>Molecular Psychiatry</i> , 2018, 23, 2145-2155.	7.9	113
110	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.	3.6	31
111	Brain Regions Related to Impulsivity Mediate the Effects of Early Adversity on Antisocial Behavior. <i>Biological Psychiatry</i> , 2017, 82, 275-282.	1.3	54
112	Anatomical integration and rich-club connectivity in euthymic bipolar disorder. <i>Psychological Medicine</i> , 2017, 47, 1609-1623.	4.5	49
113	Decreased functional connectivity within a language subnetwork in benign epilepsy with centrotemporal spikes. <i>Epilepsia Open</i> , 2017, 2, 214-225.	2.4	19
114	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017, 174, 785-794.	7.2	34
115	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
116	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-e1083.	4.8	25
117	Real-time fMRI neurofeedback in adolescents with attention deficit hyperactivity disorder. <i>Human Brain Mapping</i> , 2017, 38, 3190-3209.	3.6	99
118	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.	0.5	19
119	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.	2.7	18
120	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017, 118, 151801.	7.8	146
121	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.	2.2	49
122	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.	2.1	144
123	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. <i>Brain</i> , 2017, 140, 68-82.	7.6	96
124	195. Relationship Between Prefrontal Glutamate Levels and Functional Activation During Emotional Processing in Individuals With High Schizotypy. <i>Schizophrenia Bulletin</i> , 2017, 43, S102-S102.	4.3	1
125	A Multi-Cohort Study of ApoE ε4 and Amyloid-β Effects on the Hippocampus in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1159-1174.	2.6	36
126	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.	2.8	14

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145	Tract Based Spatial Statistic Reveals No Differences in White Matter Microstructural Organization between Carriers and Non-Carriers of the APOE ε4 and ε2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 977-984.	2.6	17
146	Brain and cord myelin water imaging: a progressive multiple sclerosis biomarker. <i>NeuroImage: Clinical</i> , 2015, 9, 574-580.	2.7	44
147	Designing hyperbolic secant excitation pulses to reduce signal dropout in gradient-echo echo-planar imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 661-672.	3.0	11
148	Association of Protein Phosphatase-1 With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , 2015, 172, 543-552.	7.2	68
149	White Matter Connectivity of the Thalamus Delineates the Functional Architecture of Competing Thalamocortical Systems. <i>Cerebral Cortex</i> , 2015, 25, 4477-4489.	2.9	54
150	Neural mechanisms underlying song and speech perception can be differentiated using an illusory percept. <i>NeuroImage</i> , 2015, 108, 225-233.	4.2	11
151	Robust regression for large-scale neuroimaging studies. <i>NeuroImage</i> , 2015, 111, 431-441.	4.2	14
152	Volume and shape analysis of subcortical brain structures and ventricles in euthymic bipolar I disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 324-330.	1.8	26
153	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	12.6	532
154	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, 53C02-0.	6.6	157
155	BDNF Val66Met and reward-related brain function in adolescents: role for early alcohol consumption. <i>Alcohol</i> , 2015, 49, 103-110.	1.7	28
156	Bringing memory fMRI to the clinic: Comparison of seven memory fMRI protocols in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015, 36, 1595-1608.	3.6	22
157	Subthreshold Depression and Regional Brain Volumes in Young Community Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 832-840.	0.5	41
158	Rsu1 regulates ethanol consumption in <i>Drosophila</i> and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4085-93.	7.1	57
159	Progressive Brain Atrophy and Cortical Thinning in Schizophrenia after Commencing Clozapine Treatment. <i>Neuropsychopharmacology</i> , 2015, 40, 2409-2417.	5.4	58
160	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, 308-319.	1.8	38
161	Visually induced nausea causes characteristic changes in cerebral, autonomic and endocrine function in humans. <i>Journal of Physiology</i> , 2015, 593, 1183-1196.	2.9	67
162	Structural brain network analysis in families multiply affected with bipolar I disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 44-51.	1.8	48

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163	Investigation of glutamine and GABA levels in patients with idiopathic generalized epilepsy using MEGAPRESS. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 694-699.	3.4	43
164	Single nucleotide polymorphism in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents. <i>Molecular Psychiatry</i> , 2015, 20, 263-274.	7.9	57
165	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. <i>Addiction Biology</i> , 2015, 20, 534-545.	2.6	38
166	Genomic architecture of human neuroanatomical diversity. <i>Molecular Psychiatry</i> , 2015, 20, 1011-1016.	7.9	50
167	Functional Outcome in People at High Risk for Psychosis Predicted by Thalamic Glutamate Levels and Prefronto-Striatal Activation. <i>Schizophrenia Bulletin</i> , 2015, 41, 429-439.	4.3	59
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