

John Suckling

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.

302
papers

24,454
citations

81
h-index

151
g-index

343
ext. papers

28,154
ext. citations

6.3
avg, IF

6.54
L-index

#	Paper	IF	Citations
302	Validation of external and internal exposome of the findings associated to cerebral small vessel disease: A Mendelian randomization study.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022 , 271678X221074223	7.2	0
301	Cognitive function in early-phase schizophrenia-spectrum disorder: IQ subtypes, brain volume and immune markers.. <i>Psychological Medicine</i> , 2022 , 1-10	6.9	0
300	Interventional neurorehabilitation for promoting functional recovery post-craniotomy: a proof-of-concept.. <i>Scientific Reports</i> , 2022 , 12, 3039	4.9	2
299	Inflammation and Brain Structure in Schizophrenia and Other Neuropsychiatric Disorders: A Mendelian Randomization Study.. <i>JAMA Psychiatry</i> , 2022 ,	14.5	4
298	Assessment of neuropsychological function in brain tumor treatment: a comparison of traditional neuropsychological assessment with app-based cognitive screening.. <i>Acta Neurochirurgica</i> , 2022 , 1	3	2
297	Assigning the right credit to the wrong action: compulsivity in the general population is associated with augmented outcome-irrelevant value-based learning. <i>Translational Psychiatry</i> , 2021 , 11, 564	8.6	
296	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas.. <i>Brain Communications</i> , 2021 , 3, fcab289	4.5	1
295	BOLD Coupling between Lesioned and Healthy Brain Is Associated with Glioma Patients Recovery. <i>Cancers</i> , 2021 , 13,	6.6	2
294	Arts-based methods for hallucination research. <i>Cognitive Neuropsychiatry</i> , 2021 , 1-20	2	0
293	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. <i>ELife</i> , 2021 , 10,	8.9	13
292	Cortical structural differences in major depressive disorder correlate with cell type-specific transcriptional signatures. <i>Nature Communications</i> , 2021 , 12, 1647	17.4	21
291	Examining the Boundary Sharpness Coefficient as an Index of Cortical Microstructure in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021 , 31, 3338-3352	5.1	2
290	Dynamic functional connectivity and its anatomical substrate reveal treatment outcome in first-episode drug-naïve schizophrenia. <i>Translational Psychiatry</i> , 2021 , 11, 282	8.6	1
289	Single-participant structural similarity matrices lead to greater accuracy in classification of participants than function in autism in MRI. <i>Molecular Autism</i> , 2021 , 12, 34	6.5	4
288	Analysis of Fine Motor Skills in Essential Tremor: Combining Neuroimaging and Handwriting Biomarkers for Early Management. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 648573	3.3	0
287	Decision-making ability, psychopathology, and brain connectivity. <i>Neuron</i> , 2021 , 109, 2025-2040.e7	13.9	4
286	Deconstructing depression and negative symptoms of schizophrenia; differential and longitudinal immune correlates, and response to minocycline treatment. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 498-504	16.6	10

285	Statistical Agnostic Mapping: A framework in neuroimaging based on concentration inequalities. <i>Information Fusion</i> , 2021 , 66, 198-212	16.7	6
284	Intraoperative mapping of executive function using electrocorticography for patients with low-grade gliomas. <i>Acta Neurochirurgica</i> , 2021 , 163, 1299-1309	3	9
283	Chronic alcohol exposure differentially modulates structural and functional properties of amygdala: A cross-sectional study. <i>Addiction Biology</i> , 2021 , 26, e12980	4.6	1
282	Examining volumetric gradients based on the frustum surface ratio in the brain in autism spectrum disorder. <i>Human Brain Mapping</i> , 2021 , 42, 953-966	5.9	0
281	Atypical measures of diffusion at the gray-white matter boundary in autism spectrum disorder in adulthood. <i>Human Brain Mapping</i> , 2021 , 42, 467-484	5.9	3
280	Mapping Progressive Gray Matter Alterations in Early Childhood Autistic Brain. <i>Cerebral Cortex</i> , 2021 , 31, 1500-1510	5.1	2
279	Associations of Alzheimer's disease risk variants with gene expression, amyloidosis, tauopathy, and neurodegeneration. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 15	9	9
278	Memory recovery in relation to default mode network impairment and neurite density during brain tumor treatment. <i>Journal of Neurosurgery</i> , 2021 , 1-11	3.2	4
277	Identification of novel drug targets for Alzheimer's disease by integrating genetics and proteomes from brain and blood. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
276	Meta-analytic evidence of differential prefrontal and early sensory cortex activity during non-social sensory perception in autism. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 127, 146-157	9	1
275	Deep learning for sex classification in resting-state and task functional brain networks from the UK Biobank. <i>NeuroImage</i> , 2021 , 241, 118409	7.9	3
274	Research Evaluating Sports Concussion Events-Rapid Assessment of Concussion and Evidence for Return (RESCUE-RACER): a two-year longitudinal observational study of concussion in motorsport. <i>BMJ Open Sport and Exercise Medicine</i> , 2021 , 7, e000879	3.4	2
273	Genetic, cellular, and connectomic characterization of the brain regions commonly plagued by glioma. <i>Brain</i> , 2020 , 143, 3294-3307	11.2	13
272	Evidence in cortical folding patterns for prenatal predispositions to hallucinations in schizophrenia. <i>Translational Psychiatry</i> , 2020 , 10, 387	8.6	9
271	Letter: Elucidating the Principles of Brain Network Organization Through Neurosurgery. <i>Neurosurgery</i> , 2020 , 87, E80-E81	3.2	3
270	Longitudinal trajectories of Alzheimer's ATN biomarkers in elderly persons without dementia. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 55	9	6
269	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , 2020 , 410, 237-270	5.4	67
268	Disturbances across whole brain networks during reward anticipation in an abstinent addiction population. <i>NeuroImage: Clinical</i> , 2020 , 27, 102297	5.3	5

267	Conservative and disruptive modes of adolescent change in human brain functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3248-3253	11.5	52
266	Greater cortical thickness in individuals with ASD. <i>Molecular Psychiatry</i> , 2020 , 25, 507-508	15.1	1
265	Cognitive behavioral therapy may have a rehabilitative, not normalizing, effect on functional connectivity in adolescent depression. <i>Journal of Affective Disorders</i> , 2020 , 268, 1-11	6.6	6
264	Practical Application of Networks in Neurosurgery: Combined 3-Dimensional Printing, Neuronavigation, and Preoperative Surgical Planning. <i>World Neurosurgery</i> , 2020 , 137, e126-e137	2.1	8
263	Connections, Tracts, Fractals, and the Rest: A Working Guide to Network and Connectivity Studies in Neurosurgery. <i>World Neurosurgery</i> , 2020 , 140, 389-400	2.1	3
262	Effects of choral singing versus health education on cognitive decline and aging: a randomized controlled trial. <i>Aging</i> , 2020 , 12, 24798-24816	5.6	2
261	Intrinsic excitation-inhibition imbalance affects medial prefrontal cortex differently in autistic men versus women. <i>ELife</i> , 2020 , 9,	8.9	37
260	Rhythmic timing in aging adults: On the role of cognitive functioning and structural brain integrity. <i>Psychology and Aging</i> , 2020 , 35, 1184-1200	3.6	1
259	Schizotypy-Related Magnetization of Cortex in Healthy Adolescence Is Colocated With Expression of Schizophrenia-Related Genes. <i>Biological Psychiatry</i> , 2020 , 88, 248-259	7.9	24
258	Granger causality-based information fusion applied to electrical measurements from power transformers. <i>Information Fusion</i> , 2020 , 57, 59-70	16.7	4
257	Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brain-Behavior Relationships. <i>Biological Psychiatry</i> , 2020 , 87, 368-376	7.9	11
256	Evidence-based prevention of Alzheimer's disease: systematic review and meta-analysis of 243 observational prospective studies and 153 randomised controlled trials. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 1201-1209	5.5	94
255	Clinical and biomarker trajectories in sporadic Alzheimer's disease: A longitudinal study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12095	5.2	5
254	Cannabis-dependent adolescents show differences in global reward-associated network topology: A functional connectomics approach. <i>Addiction Biology</i> , 2020 , 25, e12752	4.6	7
253	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020 , 25, 614-628	15.1	64
252	Ensemble Deep Learning on Large, Mixed-Site fMRI Datasets in Autism and Other Tasks. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050012	6.2	27
251	Dopaminergic drug treatment remediates exaggerated cingulate prediction error responses in obsessive-compulsive disorder. <i>Psychopharmacology</i> , 2019 , 236, 2325-2336	4.7	17
250	Deep Learning on Brain Images in Autism: What Do Large Samples Reveal of Its Complexity?. <i>Lecture Notes in Computer Science</i> , 2019 , 389-402	0.9	3

249	On the computation of distribution-free performance bounds: Application to small sample sizes in neuroimaging. <i>Pattern Recognition</i> , 2019 , 93, 1-13	7.7	10
248	Meta-analytic Evidence for the Plurality of Mechanisms in Transdiagnostic Structural MRI Studies of Hallucination Status. <i>EClinicalMedicine</i> , 2019 , 8, 57-71	11.3	13
247	The oxytocin receptor gene predicts brain activity during an emotion recognition task in autism. <i>Molecular Autism</i> , 2019 , 10, 12	6.5	17
246	Dynamic Reorganization of Functional Connectivity Reveals Abnormal Temporal Efficiency in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019 , 45, 659-669	1.3	30
245	Global Effects of Focal Brain Tumors on Functional Complexity and Network Robustness: A Prospective Cohort Study. <i>Neurosurgery</i> , 2019 , 84, 1201-1213	3.2	26
244	Frequency and longitudinal clinical outcomes of Alzheimer's AT(N) biomarker profiles: A longitudinal study. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1208-1217	1.2	25
243	Insula serotonin 2A receptor binding and gene expression contribute to serotonin transporter polymorphism anxious phenotype in primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 14761-14768	11.5	11
242	Enhancement of indirect functional connections with shortest path length in the adult autistic brain. <i>Human Brain Mapping</i> , 2019 , 40, 5354-5369	5.9	7
241	Habitual tea drinking modulates brain efficiency: evidence from brain connectivity evaluation. <i>Aging</i> , 2019 , 11, 3876-3890	5.6	6
240	Minocycline for negative symptoms of schizophrenia and possible mechanistic actions: the BeneMin RCT. <i>Efficacy and Mechanism Evaluation</i> , 2019 , 6, 1-66	1.7	1
239	Normative pathways in the functional connectome. <i>NeuroImage</i> , 2019 , 184, 317-334	7.9	6
238	A Machine Learning Approach to Reveal the NeuroPhenotypes of Autisms. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850058	6.2	16
237	Naltrexone differentially modulates the neural correlates of motor impulse control in abstinent alcohol-dependent and polysubstance-dependent individuals. <i>European Journal of Neuroscience</i> , 2019 , 50, 2311-2321	3.5	5
236	Partially impaired functional connectivity states between right anterior insula and default mode network in autism spectrum disorder. <i>Human Brain Mapping</i> , 2019 , 40, 1264-1275	5.9	46
235	Neural self-representation in autistic women and association with compensatory camouflaging. <i>Autism</i> , 2019 , 23, 1210-1223	6.6	49
234	Grey matter volume and cortical structure in Prader-Willi syndrome compared to typically developing young adults. <i>NeuroImage: Clinical</i> , 2018 , 17, 899-909	5.3	24
233	Naltrexone ameliorates functional network abnormalities in alcohol-dependent individuals. <i>Addiction Biology</i> , 2018 , 23, 425-436	4.6	23
232	Functional network dysconnectivity as a biomarker of treatment resistance in schizophrenia. <i>Schizophrenia Research</i> , 2018 , 195, 160-167	3.6	23

231	Study Protocol for a Randomized Controlled Trial of Choral Singing Intervention to Prevent Cognitive Decline in At-Risk Older Adults Living in the Community. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 195	5.3	9
230	What price compromise? 2018 , 409-426		
229	Theory of mind impairment and its clinical correlates in patients with schizophrenia, major depressive disorder and bipolar disorder. <i>Schizophrenia Research</i> , 2018 , 197, 349-356	3.6	18
228	The benefit of minocycline on negative symptoms of schizophrenia in patients with recent-onset psychosis (BeneMin): a randomised, double-blind, placebo-controlled trial. <i>Lancet Psychiatry</i> , 2018 , 5, 885-894	23.3	88
227	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
226	Cognitive Behavioral Therapy Lowers Elevated Functional Connectivity in Depressed Adolescents. <i>EBioMedicine</i> , 2017 , 17, 216-222	8.8	20
225	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
224	Advanced magnetic resonance imaging and neuropsychological assessment for detecting brain injury in a prospective cohort of university amateur boxers. <i>NeuroImage: Clinical</i> , 2017 , 15, 194-199	5.3	2
223	Acute D3 Antagonist GSK598809 Selectively Enhances Neural Response During Monetary Reward Anticipation in Drug and Alcohol Dependence. <i>Neuropsychopharmacology</i> , 2017 , 42, 1049-1057	8.7	20
222	Functional connectivity networks for preoperative brain mapping in neurosurgery. <i>Journal of Neurosurgery</i> , 2017 , 126, 1941-1950	3.2	27
221	Effects of naltrexone are influenced by childhood adversity during negative emotional processing in addiction recovery. <i>Translational Psychiatry</i> , 2017 , 7, e1054	8.6	17
220	A semi-supervised learning approach for model selection based on class-hypothesis testing. <i>Expert Systems With Applications</i> , 2017 , 90, 40-49	7.8	9
219	Case-Based Statistical Learning: A Non-Parametric Implementation With a Conditional-Error Rate SVM. <i>IEEE Access</i> , 2017 , 5, 11468-11478	3.5	22
218	Cognitive Training Using a Novel Memory Game on an iPad in Patients with Amnesic Mild Cognitive Impairment (aMCI). <i>International Journal of Neuropsychopharmacology</i> , 2017 , 20, 624-633	5.8	59
217	On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significance-weighted principal component analysis. <i>Human Brain Mapping</i> , 2017 , 38, 1208-1223	5.9	27
216	The neurobiology of addiction: the perspective from magnetic resonance imaging present and future. <i>Addiction</i> , 2017 , 112, 360-369	4.6	34
215	Focusing the Neuroscience and Societal Implications of Cognitive Enhancers. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 101, 170-172	6.1	31
214	The ICCAM platform study: An experimental medicine platform for evaluating new drugs for relapse prevention in addiction. Part B: fMRI description. <i>Journal of Psychopharmacology</i> , 2017 , 31, 3-16	4.6	13

213	Acute naltrexone does not remediate fronto-striatal disturbances in alcoholic and alcoholic polysubstance-dependent populations during a monetary incentive delay task. <i>Addiction Biology</i> , 2017 , 22, 1576-1589	4.6	15
212	Adolescent Major Depressive Disorder: Neuroimaging Evidence of Sex Difference during an Affective Go/No-Go Task. <i>Frontiers in Psychiatry</i> , 2017 , 8, 119	5	12
211	Asymmetry of Hemispheric Network Topology Reveals Dissociable Processes between Functional and Structural Brain Connectome in Community-Living Elders. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 361	5.3	16
210	Aberrant brain responses to emotionally valent words is normalised after cognitive behavioural therapy in female depressed adolescents. <i>Journal of Affective Disorders</i> , 2016 , 189, 54-61	6.6	11
209	Brain structural deficits and working memory fMRI dysfunction in young adults who were diagnosed with ADHD in adolescence. <i>European Child and Adolescent Psychiatry</i> , 2016 , 25, 529-38	5.5	20
208	Multimodal MRI of the hippocampus in Parkinson's disease with visual hallucinations. <i>Brain Structure and Function</i> , 2016 , 221, 287-300	4	35
207	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016 , 6, 35333	4.9	47
206	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9105-10	11.5	255
205	Connectome analysis for pre-operative brain mapping in neurosurgery. <i>British Journal of Neurosurgery</i> , 2016 , 30, 506-17	1	31
204	Atypical lateralization of motor circuit functional connectivity in children with autism is associated with motor deficits. <i>Molecular Autism</i> , 2016 , 7, 35	6.5	76
203	From molecules to neural morphology: understanding neuroinflammation in autism spectrum condition. <i>Molecular Autism</i> , 2016 , 7, 9	6.5	47
202	Frontal networks in adults with autism spectrum disorder. <i>Brain</i> , 2016 , 139, 616-30	11.2	83
201	Multivariate and repeated measures (MRM): A new toolbox for dependent and multimodal group-level neuroimaging data. <i>NeuroImage</i> , 2016 , 132, 373-389	7.9	31
200	Functional MRI of emotional memory in adolescent depression. <i>Developmental Cognitive Neuroscience</i> , 2016 , 19, 31-41	5.5	10
199	Graph theory analysis of complex brain networks: new concepts in brain mapping applied to neurosurgery. <i>Journal of Neurosurgery</i> , 2016 , 124, 1665-78	3.2	47
198	Commentary: Semi-Metric Topology of the Human Connectome: Sensitivity and Specificity to Autism and Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2016 , 10, 353	5.1	3
197	Impulsivity in abstinent alcohol and polydrug dependence: a multidimensional approach. <i>Psychopharmacology</i> , 2016 , 233, 1487-99	4.7	21
196	Default Mode Hypoconnectivity Underlies a Sex-Related Autism Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 364-371	3.4	41

195	Atypically rightward cerebral asymmetry in male adults with autism stratifies individuals with and without language delay. <i>Human Brain Mapping</i> , 2016 , 37, 230-53	5.9	51
194	The impact of neuroscience on society: cognitive enhancement in neuropsychiatric disorders and in healthy people. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20140214	5.8	61
193	BDNF Val66Met polymorphism in patterns of neural activation in individuals with MDD and healthy controls. <i>Journal of Affective Disorders</i> , 2015 , 184, 239-44	6.6	13
192	The benefit of minocycline on negative symptoms in early-phase psychosis in addition to standard care - extent and mechanism (BeneMin): study protocol for a randomised controlled trial. <i>Trials</i> , 2015 , 16, 71	2.8	7
191	The Imperial College Cambridge Manchester (ICCAM) platform study: An experimental medicine platform for evaluating new drugs for relapse prevention in addiction. Part A: Study description. <i>Journal of Psychopharmacology</i> , 2015 , 29, 943-60	4.6	21
190	Developmental white matter microstructure in autism phenotype and corresponding endophenotype during adolescence. <i>Translational Psychiatry</i> , 2015 , 5, e529	8.6	18
189	Semi-metric analysis of the functional brain network: Relationship with familial risk for psychotic disorder. <i>NeuroImage: Clinical</i> , 2015 , 9, 607-16	5.3	6
188	Behavioural and molecular endophenotypes in psychotic disorders reveal heritable abnormalities in glutamatergic neurotransmission. <i>Translational Psychiatry</i> , 2015 , 5, e540	8.6	9
187	Whole-brain functional hypoconnectivity as an endophenotype of autism in adolescents. <i>NeuroImage: Clinical</i> , 2015 , 9, 140-52	5.3	55
186	A Winding Road: Alzheimer's Disease Increases Circuitous Functional Connectivity Pathways. <i>Frontiers in Computational Neuroscience</i> , 2015 , 9, 140	3.5	10
185	Effects of Steroid Hormones on Sex Differences in Cerebral Perfusion. <i>PLoS ONE</i> , 2015 , 10, e0135827	3.7	17
184	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. <i>Cerebral Cortex</i> , 2015 , 25, 3613-28	5.1	38
183	Neurodevelopment and ages of onset in depressive disorders. <i>Lancet Psychiatry</i> , 2015 , 2, 1112-6	23.3	25
182	Resting activity in visual and corticostriatal pathways in Parkinson's disease with hallucinations. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 131-7	3.6	46
181	Adolescents with current major depressive disorder show dissimilar patterns of age-related differences in ACC and thalamus. <i>NeuroImage: Clinical</i> , 2015 , 7, 391-9	5.3	21
180	Semi-Metric Topology of the Human Connectome: Sensitivity and Specificity to Autism and Major Depressive Disorder. <i>PLoS ONE</i> , 2015 , 10, e0136388	3.7	14
179	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014 , 95, 287-304	7.9	229
178	A meta-analysis of sex differences in human brain structure. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 39, 34-50	9	617

177	Are power calculations useful? A multicentre neuroimaging study. <i>Human Brain Mapping</i> , 2014 , 35, 3569-377	5.7	12
176	The default mode network is disrupted in Parkinson's disease with visual hallucinations. <i>Human Brain Mapping</i> , 2014 , 35, 5658-66	5.9	100
175	What price compromise?. <i>Theory and Decision</i> , 2014 , 77, 359-376	0.8	2
174	Brain structure in different psychosis risk groups in the Northern Finland 1986 birth cohort. <i>Schizophrenia Research</i> , 2014 , 153, 143-9	3.6	14
173	Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. <i>NeuroImage</i> , 2014 , 90, 280-9	7.9	34
172	Identifying endophenotypes of autism: a multivariate approach. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 60	3.5	23
171	Identification of BDNF sensitive electrophysiological markers of synaptic activity and their structural correlates in healthy subjects using a genetic approach utilizing the functional BDNF Val66Met polymorphism. <i>PLoS ONE</i> , 2014 , 9, e95558	3.7	10
170	Brain structural signatures of negative symptoms in depression and schizophrenia. <i>Frontiers in Psychiatry</i> , 2014 , 5, 116	5	21
169	MRI predicts remission at 1 year in first-episode schizophrenia in females with larger striato-thalamic volumes. <i>Neuropsychobiology</i> , 2014 , 69, 243-8	4	14
168	Reading the Mind in the Eyes: An fMRI study of adolescents with autism and their siblings. <i>Psychological Medicine</i> , 2014 , 44, 3215-27	6.9	54
167	Neuroanatomical abnormalities and cognitive impairments are shared by adults with attention-deficit/hyperactivity disorder and their unaffected first-degree relatives. <i>Biological Psychiatry</i> , 2014 , 76, 639-47	7.9	59
166	Longitudinal changes in total brain volume in schizophrenia: relation to symptom severity, cognition and antipsychotic medication. <i>PLoS ONE</i> , 2014 , 9, e101689	3.7	68
165	Detection of physiological noise in resting state fMRI using machine learning. <i>Human Brain Mapping</i> , 2013 , 34, 985-98	5.9	7
164	Psychological correlates of handedness and corpus callosum asymmetry in autism: the left hemisphere dysfunction theory revisited. <i>Journal of Autism and Developmental Disorders</i> , 2013 , 43, 1758-72	4.6	38
163	Meta-analytic evidence for neuroimaging models of depression: state or trait?. <i>Journal of Affective Disorders</i> , 2013 , 151, 423-431	6.6	120
162	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
161	Magnetic resonance imaging of a randomized controlled trial investigating predictors of recovery following psychological treatment in adolescents with moderate to severe unipolar depression: study protocol for Magnetic Resonance-Improving Mood with Psychoanalytic and Cognitive Therapies (MR-IMPACT). <i>BMC Psychiatry</i> , 2013 , 13, 247	4.2	10
160	A positron emission tomography study of nigro-striatal dopaminergic mechanisms underlying attention: implications for ADHD and its treatment. <i>Brain</i> , 2013 , 136, 3252-70	11.2	72

159	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
158	Functional dysconnectivity of corticostriatal circuitry as a risk phenotype for psychosis. <i>JAMA Psychiatry</i> , 2013 , 70, 1143-51	14.5	168
157	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013 , 136, 2799-815	11.2	198
156	Speed of facial affect intensity recognition as an endophenotype of first-episode psychosis and associated limbic-cortical grey matter systems. <i>Psychological Medicine</i> , 2013 , 43, 591-602	6.9	12
155	Quantitative multi-parameter mapping of R1, PD(*), MT, and R2(*) at 3T: a multi-center validation. <i>Frontiers in Neuroscience</i> , 2013 , 7, 95	5.1	301
154	Effects of the BDNF Val66Met polymorphism and met allele load on declarative memory related neural networks. <i>PLoS ONE</i> , 2013 , 8, e74133	3.7	7
153	The Neuro/PsyGRID calibration experiment: identifying sources of variance and bias in multicenter MRI studies. <i>Human Brain Mapping</i> , 2012 , 33, 373-86	5.9	25
152	Multifractal characterisation of electrocardiographic RR and QT time-series before and after progressive exercise. <i>Computer Methods and Programs in Biomedicine</i> , 2012 , 108, 176-85	6.9	11
151	Sample size estimation for comparing parameters using dynamic causal modeling. <i>Brain Connectivity</i> , 2012 , 2, 80-90	2.7	14
150	Failure to deactivate the default mode network indicates a possible endophenotype of autism. <i>Molecular Autism</i> , 2012 , 3, 15	6.5	40
149	Neuregulin-1 genotype is associated with structural differences in the normal human brain. <i>NeuroImage</i> , 2012 , 59, 2057-61	7.9	23
148	Individual differences in brain structure underpin empathizing-systemizing cognitive styles in male adults. <i>NeuroImage</i> , 2012 , 61, 1347-54	7.9	42
147	Consistency and interpretation of changes in millimeter-scale cortical intrinsic curvature across three independent datasets in schizophrenia. <i>NeuroImage</i> , 2012 , 63, 611-21	7.9	38
146	No association of COMT (Val158Met) genotype with brain structure differences between men and women. <i>PLoS ONE</i> , 2012 , 7, e33964	3.7	18
145	Brain anatomy and its relationship to behavior in adults with autism spectrum disorder: a multicenter magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 2012 , 69, 195-209		195
144	Atypical activation during the Embedded Figures Task as a functional magnetic resonance imaging endophenotype of autism. <i>Brain</i> , 2012 , 135, 3469-80	11.2	34
143	Regional susceptibility to TNF- α induction of murine brain inflammation via classical IKK/NF- κ B signalling. <i>PLoS ONE</i> , 2012 , 7, e39049	3.7	21
142	Response perseveration in stimulant dependence is associated with striatal dysfunction and can be ameliorated by a D(2/3) receptor agonist. <i>Biological Psychiatry</i> , 2011 , 70, 754-762	7.9	87

141	Correlated covariates in ANCOVA cannot adjust for pre-existing differences between groups. <i>Schizophrenia Research</i> , 2011 , 126, 310-1	3.6	16
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8	Assessment of neuropsychological function during early treatment of diffuse glioma		2
7	Unsupervised data-driven stratification of mentalizing heterogeneity in autism		8
6	Memory recovery is related to default mode network impairment and neurite density during brain tumours treatment		1
5	Examining the boundary sharpness coefficient as an index of cortical microstructure and its relationship to age and sex in autism spectrum disorder		1
4	Schizotypy-related magnetization of cortex in healthy adolescence is co-located with expression of schizophrenia-related genes		1
3	Volumetric Segmentation and Characterisation of the Paracingulate Sulcus on MRI Scans		2
2	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas		1
1	Interventional Neurorehabilitation for Promoting Functional Recovery Post-Craniotomy: A Proof-of-Concept		1