

# Christian F Beckmann

## List of Publications by Citations

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226  
papers

59,726  
citations

75  
h-index

244  
g-index

271  
ext. papers

73,485  
ext. citations

7  
avg, IF

7.67  
L-index

#	Paper	IF	Citations
226	Advances in functional and structural MR image analysis and implementation as FSL. <i>NeuroImage</i> , <b>2004</b> , 23 Suppl 1, S208-19	7.9	8876
225	FSL. <i>NeuroImage</i> , <b>2012</b> , 62, 782-90	7.9	5752
224	Correspondence of the brain's functional architecture during activation and rest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13040-5	11.5	3661
223	Consistent resting-state networks across healthy subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 13848-53	11.5	3210
222	Investigations into resting-state connectivity using independent component analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2005</b> , 360, 1001-13	5.8	2523
221	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 4734-9	11.5	2183
220	A multi-modal parcellation of human cerebral cortex. <i>Nature</i> , <b>2016</b> , 536, 171-178	50.4	2046
219	Probabilistic independent component analysis for functional magnetic resonance imaging. <i>IEEE Transactions on Medical Imaging</i> , <b>2004</b> , 23, 137-52	11.7	1879
218	Bayesian analysis of neuroimaging data in FSL. <i>NeuroImage</i> , <b>2009</b> , 45, S173-86	7.9	1553
217	An anatomically comprehensive atlas of the adult human brain transcriptome. <i>Nature</i> , <b>2012</b> , 489, 391-399	50.4	1525
216	Distinct patterns of brain activity in young carriers of the APOE-epsilon4 allele. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7209-14	11.5	1286
215	Network modelling methods for FMRI. <i>NeuroImage</i> , <b>2011</b> , 54, 875-91	7.9	1254
214	Multilevel linear modelling for FMRI group analysis using Bayesian inference. <i>NeuroImage</i> , <b>2004</b> , 21, 1732-47	7.9	1171
213	General multilevel linear modeling for group analysis in FMRI. <i>NeuroImage</i> , <b>2003</b> , 20, 1052-63	7.9	1127
212	Automatic denoising of functional MRI data: combining independent component analysis and hierarchical fusion of classifiers. <i>NeuroImage</i> , <b>2014</b> , 90, 449-68	7.9	995
211	FMRI resting state networks define distinct modes of long-distance interactions in the human brain. <i>NeuroImage</i> , <b>2006</b> , 29, 1359-67	7.9	980
210	Reduced resting-state brain activity in the "default network" in normal aging. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 1856-64	5.1	885

209	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , <b>2013</b> , 80, 144-68	7.9	865
208	Distinct cerebellar contributions to intrinsic connectivity networks. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 8586-94	6.6	773
207	Behavioral interpretations of intrinsic connectivity networks. <i>Journal of Cognitive Neuroscience</i> , <b>2011</b> , 23, 4022-37	3.1	769
206	ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. <i>NeuroImage</i> , <b>2015</b> , 112, 267-277	7.9	724
205	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , <b>2014</b> , 95, 232-47	7.9	708
204	Advances and pitfalls in the analysis and interpretation of resting-state FMRI data. <i>Frontiers in Systems Neuroscience</i> , <b>2010</b> , 4, 8	3.5	624
203	Tensorial extensions of independent component analysis for multisubject FMRI analysis. <i>NeuroImage</i> , <b>2005</b> , 25, 294-311	7.9	604
202	Exacerbation of pain by anxiety is associated with activity in a hippocampal network. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 9896-903	6.6	576
201	Functional connectomics from resting-state fMRI. <i>Trends in Cognitive Sciences</i> , <b>2013</b> , 17, 666-82	14	560
200	Temporally-independent functional modes of spontaneous brain activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3131-6	11.5	555
199	Fractionating the default mode network: distinct contributions of the ventral and dorsal posterior cingulate cortex to cognitive control. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 3217-24	6.6	539
198	Distinct and overlapping functional zones in the cerebellum defined by resting state functional connectivity. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 953-65	5.1	528
197	Resting-state functional connectivity in major depressive disorder: A review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 56, 330-44	9	432
196	Removal of FMRI environment artifacts from EEG data using optimal basis sets. <i>NeuroImage</i> , <b>2005</b> , 28, 720-37	7.9	412
195	Distinct frontal systems for response inhibition, attentional capture, and error processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6106-11	11.5	401
194	Emergence of resting state networks in the preterm human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20015-20	11.5	365
193	Genetic control over the resting brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 1223-8	11.5	362
192	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. <i>Frontiers in Systems Neuroscience</i> , <b>2010</b> , 4,	3.5	341

191	Default mode network connectivity predicts sustained attention deficits after traumatic brain injury. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 13442-51	6.6	326
190	Default mode network functional and structural connectivity after traumatic brain injury. <i>Brain</i> , <b>2011</b> , 134, 2233-47	11.2	320
189	Evaluation of ICA-AROMA and alternative strategies for motion artifact removal in resting state fMRI. <i>NeuroImage</i> , <b>2015</b> , 112, 278-287	7.9	289
188	Hand classification of fMRI ICA noise components. <i>NeuroImage</i> , <b>2017</b> , 154, 188-205	7.9	249
187	Linked independent component analysis for multimodal data fusion. <i>NeuroImage</i> , <b>2011</b> , 54, 2198-217	7.9	210
186	From estimating activation locality to predicting disorder: A review of pattern recognition for neuroimaging-based psychiatric diagnostics. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 57, 328-49	9	197
185	Understanding Heterogeneity in Clinical Cohorts Using Normative Models: Beyond Case-Control Studies. <i>Biological Psychiatry</i> , <b>2016</b> , 80, 552-61	7.9	185
184	Using Dual Regression to Investigate Network Shape and Amplitude in Functional Connectivity Analyses. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 115	5.1	183
183	Modelling with independent components. <i>NeuroImage</i> , <b>2012</b> , 62, 891-901	7.9	163
182	Physiological noise modelling for spinal functional magnetic resonance imaging studies. <i>NeuroImage</i> , <b>2008</b> , 39, 680-92	7.9	158
181	Group-PCA for very large fMRI datasets. <i>NeuroImage</i> , <b>2014</b> , 101, 738-49	7.9	157
180	Nicotine replacement in abstinent smokers improves cognitive withdrawal symptoms with modulation of resting brain network dynamics. <i>NeuroImage</i> , <b>2010</b> , 52, 590-9	7.9	152
179	Differential effects of the APOE genotype on brain function across the lifespan. <i>NeuroImage</i> , <b>2011</b> , 54, 602-10	7.9	149
178	Mapping the Heterogeneous Phenotype of Schizophrenia and Bipolar Disorder Using Normative Models. <i>JAMA Psychiatry</i> , <b>2018</b> , 75, 1146-1155	14.5	147
177	Spectral characteristics of resting state networks. <i>Progress in Brain Research</i> , <b>2011</b> , 193, 259-76	2.9	140
176	Variability in fMRI: a re-examination of inter-session differences. <i>Human Brain Mapping</i> , <b>2005</b> , 24, 248-57	5.9	140
175	Meta-analysis of real-time fMRI neurofeedback studies using individual participant data: How is brain regulation mediated?. <i>NeuroImage</i> , <b>2016</b> , 124, 806-812	7.9	138
174	Development of BOLD signal hemodynamic responses in the human brain. <i>NeuroImage</i> , <b>2012</b> , 63, 663-73	7.9	137

173	Color of scents: chromatic stimuli modulate odor responses in the human brain. <i>Journal of Neurophysiology</i> , <b>2005</b> , 93, 3434-41	3.2	132
172	Dopamine-dependent architecture of cortico-subcortical network connectivity. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 1509-16	5.1	130
171	Structural substrates for resting network disruption in temporal lobe epilepsy. <i>Brain</i> , <b>2012</b> , 135, 2350-7	11.2	114
170	Connectopic mapping with resting-state fMRI. <i>NeuroImage</i> , <b>2018</b> , 170, 83-94	7.9	109
169	Model-free group analysis shows altered BOLD FMRI networks in dementia. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 256-66	5.9	107
168	Functional topography of the human entorhinal cortex. <i>ELife</i> , <b>2015</b> , 4,	8.9	107
167	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> , <b>2017</b> , 8, 24	6.5	106
166	The relationship between spatial configuration and functional connectivity of brain regions. <i>ELife</i> , <b>2018</b> , 7,	8.9	105
165	Specialization and integration of functional thalamocortical connectivity in the human infant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 6485-90	11.5	104
164	Beyond Lumping and Splitting: A Review of Computational Approaches for Stratifying Psychiatric Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2016</b> , 1, 433-447	3.4	103
163	Mixture models with adaptive spatial regularization for segmentation with an application to FMRI data. <i>IEEE Transactions on Medical Imaging</i> , <b>2005</b> , 24, 1-11	11.7	99
162	ICA model order selection of task co-activation networks. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 237	5.1	95
161	Differential and distributed effects of dopamine neuromodulations on resting-state network connectivity. <i>NeuroImage</i> , <b>2013</b> , 78, 59-67	7.9	94
160	A cross-modal system linking primary auditory and visual cortices: evidence from intrinsic fMRI connectivity analysis. <i>Human Brain Mapping</i> , <b>2008</b> , 29, 848-57	5.9	93
159	Conceptualizing mental disorders as deviations from normative functioning. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1415-1424	15.1	92
158	Somatosensory cortical activation identified by functional MRI in preterm and term infants. <i>NeuroImage</i> , <b>2010</b> , 49, 2063-71	7.9	90
157	Effects of morphine and alcohol on functional brain connectivity during "resting state": a placebo-controlled crossover study in healthy young men. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 1003-18	5.9	89
156	Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 99, 1319-30	7	86

155	Impact of working memory load on fMRI resting state pattern in subsequent resting phases. <i>PLoS ONE</i> , <b>2009</b> , 4, e7198	3.7	84
154	How the brain connects in response to acute stress: A review at the human brain systems level. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2017</b> , 83, 281-297	9	81
153	Model-free characterization of brain functional networks for motor sequence learning using fMRI. <i>NeuroImage</i> , <b>2008</b> , 39, 1950-8	7.9	81
152	Functional corticostriatal connection topographies predict goal directed behaviour in humans. <i>Nature Human Behaviour</i> , <b>2017</b> , 1, 0146	12.8	80
151	Task-free functional MRI in cervical dystonia reveals multi-network changes that partially normalize with botulinum toxin. <i>PLoS ONE</i> , <b>2013</b> , 8, e62877	3.7	75
150	Revealing the neural fingerprints of a missing hand. <i>ELife</i> , <b>2016</b> , 5,	8.9	73
149	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , <b>2017</b> , 8, 27	6.5	69
148	Regional white matter integrity differentiates between vascular dementia and Alzheimer disease. <i>Stroke</i> , <b>2009</b> , 40, 773-9	6.7	69
147	Dynamic Shifts in Large-Scale Brain Network Balance As a Function of Arousal. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 281-290	6.6	68
146	Large-scale probabilistic functional modes from resting state fMRI. <i>NeuroImage</i> , <b>2015</b> , 109, 217-31	7.9	67
145	Intrinsically organized resting state networks in the human spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 18067-72	11.5	63
144	Functional segmentation of the hippocampus in the healthy human brain and in Alzheimer's disease. <i>NeuroImage</i> , <b>2013</b> , 66, 28-35	7.9	63
143	Patients with autism spectrum disorders display reproducible functional connectivity alterations. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	63
142	Functional and structural changes in the memory network associated with left temporal lobe epilepsy. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 4070-81	5.9	62
141	Relating functional changes during hand movement to clinical parameters in patients with multiple sclerosis in a multi-centre fMRI study. <i>European Journal of Neurology</i> , <b>2008</b> , 15, 113-22	6	61
140	Accurate brain age prediction with lightweight deep neural networks. <i>Medical Image Analysis</i> , <b>2021</b> , 68, 101871	15.4	60
139	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. <i>Cortex</i> , <b>2015</b> , 73, 62-72	3.8	59
138	Where is Cingulate Cortex? A Cross-Species View. <i>Trends in Neurosciences</i> , <b>2020</b> , 43, 285-299	13.3	57

137	Resting-state functional connectivity changes in aging apoE4 and apoE-KO mice. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 13963-75	6.6	56
136	The impact of "physiological correction" on functional connectivity analysis of pharmacological resting state fMRI. <i>NeuroImage</i> , <b>2013</b> , 65, 499-510	7.9	54
135	Orbitofrontal connectivity with resting-state networks is associated with midbrain dopamine D3 receptor availability. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 2784-93	5.1	54
134	Distinct functional networks within the cerebellum and their relation to cortical systems assessed with independent component analysis. <i>NeuroImage</i> , <b>2012</b> , 60, 2073-85	7.9	51
133	Applying FSL to the FIAC data: model-based and model-free analysis of voice and sentence repetition priming. <i>Human Brain Mapping</i> , <b>2006</b> , 27, 380-91	5.9	51
132	Safety, Tolerability, and Feasibility of Young Plasma Infusion in the Plasma for Alzheimer Symptom Amelioration Study: A Randomized Clinical Trial. <i>JAMA Neurology</i> , <b>2019</b> , 76, 35-40	17.2	51
131	Changes in resting-state brain networks in writer's cramp. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 840-8	5.9	50
130	Meaningful design and contrast estimability in FMRI. <i>NeuroImage</i> , <b>2007</b> , 34, 127-36	7.9	50
129	Individual differences the average patient: mapping the heterogeneity in ADHD using normative models. <i>Psychological Medicine</i> , <b>2020</b> , 50, 314-323	6.9	48
128	Dissecting the Heterogeneous Cortical Anatomy of Autism Spectrum Disorder Using Normative Models. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 567-578	3.4	47
127	Impairment of movement-associated brain deactivation in multiple sclerosis: further evidence for a functional pathology of interhemispheric neuronal inhibition. <i>Experimental Brain Research</i> , <b>2008</b> , 187, 25-31	2.3	46
126	Altered Connectivity Between Cerebellum, Visual, and Sensory-Motor Networks in Autism Spectrum Disorder: Results from the EU-AIMS Longitudinal European Autism Project. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 260-270	3.4	43
125	The functional organisation of the hippocampus along its long axis is gradual and predicts recollection. <i>Cortex</i> , <b>2019</b> , 119, 324-335	3.8	42
124	Default mode network coherence in treatment-resistant major depressive disorder during electroconvulsive therapy. <i>Journal of Affective Disorders</i> , <b>2016</b> , 205, 130-137	6.6	42
123	The contribution of the inferior parietal cortex to spoken language production. <i>Brain and Language</i> , <b>2012</b> , 121, 47-57	2.9	42
122	Inter-individual differences in human brain structure and morphology link to variation in demographics and behavior. <i>ELife</i> , <b>2019</b> , 8,	8.9	42
121	Altered functional connectivity of the amygdaloid input nuclei in adolescents and young adults with autism spectrum disorder: a resting state fMRI study. <i>Molecular Autism</i> , <b>2016</b> , 7, 13	6.5	41
120	From pattern classification to stratification: towards conceptualizing the heterogeneity of Autism Spectrum Disorder. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 104, 240-254	9	37

119	Ketamine interactions with biomarkers of stress: a randomized placebo-controlled repeated measures resting-state fMRI and PCASL pilot study in healthy men. <i>NeuroImage</i> , <b>2015</b> , 108, 396-409	7.9	36
118	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. <i>NeuroImage</i> , <b>2012</b> , 59, 1230-8	7.9	36
117	Functional anatomy of the human thalamus at rest. <i>NeuroImage</i> , <b>2017</b> , 147, 678-691	7.9	34
116	The relationship between spatial configuration and functional connectivity of brain regions revisited. <i>ELife</i> , <b>2019</b> , 8,	8.9	34
115	Short-term adaptation to a simple motor task: a physiological process preserved in multiple sclerosis. <i>NeuroImage</i> , <b>2009</b> , 45, 500-11	7.9	33
114	Towards understanding language organisation in the brain using fMRI. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 239-47	5.9	33
113	Attention-Deficit/Hyperactivity Disorder symptoms coincide with altered striatal connectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2016</b> , 1, 353-363	3.4	33
112	Artificial limb representation in amputees. <i>Brain</i> , <b>2018</b> , 141, 1422-1433	11.2	32
111	Functional parcellation using time courses of instantaneous connectivity. <i>NeuroImage</i> , <b>2018</b> , 170, 31-40	7.9	32
110	Regional atrophy of transcallosal prefrontal connections in cognitively normal APOE epsilon4 carriers. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 29, 1021-6	5.6	32
109	Age-related adaptations of brain function during a memory task are also present at rest. <i>NeuroImage</i> , <b>2012</b> , 59, 3821-8	7.9	31
108	Altered striatal and pallidal connectivity in cervical dystonia. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 513-23	4	28
107	Bayesian deconvolution of [corrected] fMRI data using bilinear dynamical systems. <i>NeuroImage</i> , <b>2008</b> , 42, 1381-96	7.9	27
106	An Investigation of RSN Frequency Spectra Using Ultra-Fast Generalized Inverse Imaging. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 156	3.3	26
105	Reduction in cerebral atrophy associated with ethyl-eicosapentaenoic acid treatment in patients with Huntington's disease. <i>Journal of International Medical Research</i> , <b>2008</b> , 36, 896-905	1.4	26
104	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 357-367	5.3	26
103	Refinement by integration: aggregated effects of multimodal imaging markers on adult ADHD. <i>Journal of Psychiatry and Neuroscience</i> , <b>2017</b> , 42, 386-394	4.5	25
102	Functional connectivity in cortico-subcortical brain networks underlying reward processing in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , <b>2016</b> , 12, 796-805	5.3	23

101	Optimizing full-brain coverage in human brain MRI through population distributions of brain size. <i>NeuroImage</i> , <b>2014</b> , 98, 513-20	7.9	23
100	Effects of repeatability measures on results of fMRI sICA: a study on simulated and real resting-state effects. <i>NeuroImage</i> , <b>2011</b> , 56, 554-69	7.9	23
99	Bayesian inference of structural brain networks. <i>NeuroImage</i> , <b>2013</b> , 66, 543-52	7.9	22
98	Network-level assessment of reward-related activation in patients with ADHD and healthy individuals. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2359-2369	5.9	21
97	Spatial heterogeneity of the relation between resting-state connectivity and blood flow: an important consideration for pharmacological studies. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 929-42	5.9	21
96	Investigating the intrinsic dimensionality of fMRI data for ICA. <i>NeuroImage</i> , <b>2001</b> , 13, 76	7.9	21
95	Resting state fMRI research in child psychiatric disorders. <i>European Child and Adolescent Psychiatry</i> , <b>2013</b> , 22, 757-70	5.5	20
94	Distinct frontal networks are involved in adapting to internally and externally signaled errors. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 703-13	5.1	20
93	The visual word form system in context. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 193-9	6.6	19
92	Reproducibility of Resting State Connectivity in Patients with Stable Multiple Sclerosis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152158	3.7	19
91	Understanding brain organisation in the face of functional heterogeneity and functional multiplicity. <i>NeuroImage</i> , <b>2020</b> , 220, 117061	7.9	18
90	Objective analysis of the topological organization of the human cortical visual connectome suggests three visual pathways. <i>Cortex</i> , <b>2018</b> , 98, 73-83	3.8	18
89	Structural and Functional Reorganization of the Brain in Migraine Without Aura. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 442	4.1	15
88	Principles of temporal association cortex organisation as revealed by connectivity gradients. <i>Brain Structure and Function</i> , <b>2020</b> , 225, 1245-1260	4	14
87	Thresholding functional connectomes by means of mixture modeling. <i>NeuroImage</i> , <b>2018</b> , 171, 402-414	7.9	14
86	The Quest for EEG Power Band Correlation with ICA Derived fMRI Resting State Networks. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 315	3.3	14
85	Atypical Brain Asymmetry in Autism-A Candidate for Clinically Meaningful Stratification. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2021</b> , 6, 802-812	3.4	14
84	Aberrant local striatal functional connectivity in attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2016</b> , 57, 697-705	7.9	14

83	Connectivity-Based Parcellation of the Amygdala Predicts Social Skills in Adolescents with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , <b>2018</b> , 48, 572-582	4.6	14
82	Personality Profiles Are Associated with Functional Brain Networks Related to Cognition and Emotion. <i>Scientific Reports</i> , <b>2018</b> , 8, 13874	4.9	14
81	Quantifying patterns of brain activity: Distinguishing unaffected siblings from participants with ADHD and healthy individuals. <i>NeuroImage: Clinical</i> , <b>2016</b> , 12, 227-33	5.3	13
80	Replicating extensive brain structural heterogeneity in individuals with schizophrenia and bipolar disorder. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2546-2555	5.9	13
79	Linked anatomical and functional brain alterations in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101851	5.3	12
78	Functional integrity in children with anoxic brain injury from drowning. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 4813-4831	5.9	12
77	Author response: The relationship between spatial configuration and functional connectivity of brain regions <b>2018</b> ,		12
76	Hierarchical Bayesian Regression for Multi-site Normative Modeling of Neuroimaging Data. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 699-709	0.9	12
75	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. <i>Brain Stimulation</i> , <b>2020</b> , 13, 696-704	5.1	11
74	Specific patterns of brain alterations underlie distinct clinical profiles in Huntington's disease. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101900	5.3	11
73	Linked MRI signatures of the brain's acute and persistent response to concussion in female varsity rugby players. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101627	5.3	11
72	A Bayesian spatial model for neuroimaging data based on biologically informed basis functions. <i>NeuroImage</i> , <b>2017</b> , 161, 134-148	7.9	10
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28	Phenotype Discovery from Population Brain Imaging		2
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24	Reduced fronto-striatal volume in ADHD in two cohorts across the lifespan		1
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22	A Non-Synonymous SHARPIN Variant is Associated with Limbic Degeneration and Family History of Alzheimer's Disease		1
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19	Resting-State-fMRT <b>2013</b> , 229-256		1
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