

Christian F Beckmann

List of Publications by Year in descending order

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Version: 2024-02-01

215
papers

81,544
citations

5876

81
h-index

1792

211
g-index

272
all docs

272
docs citations

272
times ranked

49051
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in functional and structural MR image analysis and implementation as FSL. <i>NeuroImage</i> , 2004, 23, S208-S219.	2.1	11,375
2	FSL. <i>NeuroImage</i> , 2012, 62, 782-790.	2.1	8,804
3	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> , 2009, 106, 13040-13045.	3.3	4,636
4	Consistent resting-state networks across healthy subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13848-13853.	3.3	3,817
5	A multi-modal parcellation of human cerebral cortex. <i>Nature</i> , 2016, 536, 171-178.	13.7	3,634
6	Investigations into resting-state connectivity using independent component analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1001-1013.	1.8	3,079
7	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	3.3	2,703
8	Probabilistic Independent Component Analysis for Functional Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2004, 23, 137-152.	5.4	2,389
9	An anatomically comprehensive atlas of the adult human brain transcriptome. <i>Nature</i> , 2012, 489, 391-399.	13.7	2,321
10	Bayesian analysis of neuroimaging data in FSL. <i>NeuroImage</i> , 2009, 45, S173-S186.	2.1	2,074
11	Network modelling methods for FMRI. <i>NeuroImage</i> , 2011, 54, 875-891.	2.1	1,588
12	Automatic denoising of functional MRI data: Combining independent component analysis and hierarchical fusion of classifiers. <i>NeuroImage</i> , 2014, 90, 449-468.	2.1	1,580
13	Distinct patterns of brain activity in young carriers of the <i>APOE</i> ϵ_4 allele. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7209-7214.	3.3	1,524
14	Multilevel linear modelling for FMRI group analysis using Bayesian inference. <i>NeuroImage</i> , 2004, 21, 1732-1747.	2.1	1,476
15	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 144-168.	2.1	1,367
16	General multilevel linear modeling for group analysis in FMRI. <i>NeuroImage</i> , 2003, 20, 1052-1063.	2.1	1,320
17	ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. <i>NeuroImage</i> , 2015, 112, 267-277.	2.1	1,289
18	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , 2014, 95, 232-247.	2.1	1,148

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19	fMRI resting state networks define distinct modes of long-distance interactions in the human brain. <i>NeuroImage</i> , 2006, 29, 1359-1367.	2.1	1,124
20	Reduced resting-state brain activity in the "default network" in normal aging. <i>Cerebral Cortex</i> , 2008, 18, 1856-1864.	1.6	1,051
21	Behavioral Interpretations of Intrinsic Connectivity Networks. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 4022-4037.	1.1	959
22	Distinct Cerebellar Contributions to Intrinsic Connectivity Networks. <i>Journal of Neuroscience</i> , 2009, 29, 8586-8594.	1.7	934
23	Functional connectomics from resting-state fMRI. <i>Trends in Cognitive Sciences</i> , 2013, 17, 666-682.	4.0	802
24	Tensorial extensions of independent component analysis for multisubject FMRI analysis. <i>NeuroImage</i> , 2005, 25, 294-311.	2.1	770
25	Advances and pitfalls in the analysis and interpretation of resting-state FMRI data. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 8.	1.2	746
26	Exacerbation of Pain by Anxiety Is Associated with Activity in a Hippocampal Network. <i>Journal of Neuroscience</i> , 2001, 21, 9896-9903.	1.7	707
27	Temporally-independent functional modes of spontaneous brain activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3131-3136.	3.3	696
28	Fractionating the Default Mode Network: Distinct Contributions of the Ventral and Dorsal Posterior Cingulate Cortex to Cognitive Control. <i>Journal of Neuroscience</i> , 2011, 31, 3217-3224.	1.7	668
29	Distinct and Overlapping Functional Zones in the Cerebellum Defined by Resting State Functional Connectivity. <i>Cerebral Cortex</i> , 2010, 20, 953-965.	1.6	647
30	Resting-state functional connectivity in major depressive disorder: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 56, 330-344.	2.9	640
31	Removal of FMRI environment artifacts from EEG data using optimal basis sets. <i>NeuroImage</i> , 2005, 28, 720-737.	2.1	510
32	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> , 2010, 107, 6106-6111.	3.3	464
33	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> , 2010, 107, 20015-20020.	3.3	461
34	Evaluation of ICA-AROMA and alternative strategies for motion artifact removal in resting state fMRI. <i>NeuroImage</i> , 2015, 112, 278-287.	2.1	447
35	Genetic control over the resting brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1223-1228.	3.3	436
36	Hand classification of fMRI ICA noise components. <i>NeuroImage</i> , 2017, 154, 188-205.	2.1	428

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37	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	414
38	Default Mode Network Connectivity Predicts Sustained Attention Deficits after Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2011, 31, 13442-13451.	1.7	401
39	Default mode network functional and structural connectivity after traumatic brain injury. <i>Brain</i> , 2011, 134, 2233-2247.	3.7	398
40	Understanding Heterogeneity in Clinical Cohorts Using Normative Models: Beyond Case-Control Studies. <i>Biological Psychiatry</i> , 2016, 80, 552-561.	0.7	376
41	Using Dual Regression to Investigate Network Shape and Amplitude in Functional Connectivity Analyses. <i>Frontiers in Neuroscience</i> , 2017, 11, 115.	1.4	332
42	Linked independent component analysis for multimodal data fusion. <i>NeuroImage</i> , 2011, 54, 2198-2217.	2.1	302
43	Mapping the Heterogeneous Phenotype of Schizophrenia and Bipolar Disorder Using Normative Models. <i>JAMA Psychiatry</i> , 2018, 75, 1146.	6.0	290
44	From estimating activation locality to predicting disorder: A review of pattern recognition for neuroimaging-based psychiatric diagnostics. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 328-349.	2.9	241
45	Accurate brain age prediction with lightweight deep neural networks. <i>Medical Image Analysis</i> , 2021, 68, 101871.	7.0	233
46	Conceptualizing mental disorders as deviations from normative functioning. <i>Molecular Psychiatry</i> , 2019, 24, 1415-1424.	4.1	222
47	Group-PCA for very large fMRI datasets. <i>NeuroImage</i> , 2014, 101, 738-749.	2.1	218
48	Physiological noise modelling for spinal functional magnetic resonance imaging studies. <i>NeuroImage</i> , 2008, 39, 680-692.	2.1	212
49	Meta-analysis of real-time fMRI neurofeedback studies using individual participant data: How is brain regulation mediated?. <i>NeuroImage</i> , 2016, 124, 806-812.	2.1	204
50	Connectopic mapping with resting-state fMRI. <i>NeuroImage</i> , 2018, 170, 83-94.	2.1	203
51	Modelling with independent components. <i>NeuroImage</i> , 2012, 62, 891-901.	2.1	199
52	ICA model order selection of task co-activation networks. <i>Frontiers in Neuroscience</i> , 2013, 7, 237.	1.4	188
53	The relationship between spatial configuration and functional connectivity of brain regions. <i>ELife</i> , 2018, 7, .	2.8	184
54	The EU-AIMS Longitudinal European Autism Project (LEAP): design and methodologies to identify and validate stratification biomarkers for autism spectrum disorders. <i>Molecular Autism</i> , 2017, 8, 24.	2.6	183

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55	Development of BOLD signal hemodynamic responses in the human brain. <i>NeuroImage</i> , 2012, 63, 663-673.	2.1	172
56	Differential effects of the APOE genotype on brain function across the lifespan. <i>NeuroImage</i> , 2011, 54, 602-610.	2.1	168
57	Nicotine replacement in abstinent smokers improves cognitive withdrawal symptoms with modulation of resting brain network dynamics. <i>NeuroImage</i> , 2010, 52, 590-599.	2.1	166
58	Spectral characteristics of resting state networks. <i>Progress in Brain Research</i> , 2011, 193, 259-276.	0.9	164
59	Dopamine-Dependent Architecture of Cortico-Subcortical Network Connectivity. <i>Cerebral Cortex</i> , 2013, 23, 1509-1516.	1.6	164
60	Variability in fMRI: A re-examination of inter-session differences. <i>Human Brain Mapping</i> , 2005, 24, 248-257.	1.9	162
61	Functional topography of the human entorhinal cortex. <i>ELife</i> , 2015, 4, .	2.8	161
62	How the brain connects in response to acute stress: A review at the human brain systems level. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 281-297.	2.9	158
63	Color of Scents: Chromatic Stimuli Modulate Odor Responses in the Human Brain. <i>Journal of Neurophysiology</i> , 2005, 93, 3434-3441.	0.9	155
64	Where is Cingulate Cortex? A Cross-Species View. <i>Trends in Neurosciences</i> , 2020, 43, 285-299.	4.2	150
65	Beyond Lumping and Splitting: A Review of Computational Approaches for Stratifying Psychiatric Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 433-447.	1.1	148
66	Structural substrates for resting network disruption in temporal lobe epilepsy. <i>Brain</i> , 2012, 135, 2350-2357.	3.7	137
67	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> , 2015, 112, 6485-6490.	3.3	130
68	Model-free group analysis shows altered BOLD FMRI networks in dementia. <i>Human Brain Mapping</i> , 2009, 30, 256-266.	1.9	129
69	Mixture models with adaptive spatial regularization for segmentation with an application to FMRI data. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 1-11.	5.4	126
70	Functional corticostriatal connection topographies predict goal-directed behaviour in humans. <i>Nature Human Behaviour</i> , 2017, 1, 0146.	6.2	126
71	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017, 8, 27.	2.6	126
72	A cross-modal system linking primary auditory and visual cortices: Evidence from intrinsic fMRI connectivity analysis. <i>Human Brain Mapping</i> , 2008, 29, 848-857.	1.9	123

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73	Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1319-1330.	2.2	116
74	Patients with autism spectrum disorders display reproducible functional connectivity alterations. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	115
75	Individual differences <i>v.</i> the average patient: mapping the heterogeneity in ADHD using normative models. <i>Psychological Medicine</i> , 2020, 50, 314-323.	2.7	113
76	Differential and distributed effects of dopamine neuromodulations on resting-state network connectivity. <i>NeuroImage</i> , 2013, 78, 59-67.	2.1	112
77	Task-Free Functional MRI in Cervical Dystonia Reveals Multi-Network Changes That Partially Normalize with Botulinum Toxin. <i>PLoS ONE</i> , 2013, 8, e62877.	1.1	112
78	Revealing the neural fingerprints of a missing hand. <i>ELife</i> , 2016, 5, .	2.8	107
79	Dynamic Shifts in Large-Scale Brain Network Balance As a Function of Arousal. <i>Journal of Neuroscience</i> , 2017, 37, 281-290.	1.7	104
80	Somatosensory cortical activation identified by functional MRI in preterm and term infants. <i>NeuroImage</i> , 2010, 49, 2063-2071.	2.1	102
81	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> , 2012, 33, 1003-1018.	1.9	98
82	Large-scale Probabilistic Functional Modes from resting state fMRI. <i>NeuroImage</i> , 2015, 109, 217-231.	2.1	98
83	Impact of Working Memory Load on fMRI Resting State Pattern in Subsequent Resting Phases. <i>PLoS ONE</i> , 2009, 4, e7198.	1.1	97
84	Dissecting the Heterogeneous Cortical Anatomy of Autism Spectrum Disorder Using Normative Models. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 567-578.	1.1	97
85	Model-free characterization of brain functional networks for motor sequence learning using fMRI. <i>NeuroImage</i> , 2008, 39, 1950-1958.	2.1	94
86	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> , 2014, 111, 18067-18072.	3.3	93
87	Regional White Matter Integrity Differentiates Between Vascular Dementia and Alzheimer Disease. <i>Stroke</i> , 2009, 40, 773-779.	1.0	90
88	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. <i>Cortex</i> , 2015, 73, 62-72.	1.1	90
89	From pattern classification to stratification: towards conceptualizing the heterogeneity of Autism Spectrum Disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 240-254.	2.9	88
90	Inter-individual differences in human brain structure and morphology link to variation in demographics and behavior. <i>ELife</i> , 2019, 8, .	2.8	86

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91	Functional segmentation of the hippocampus in the healthy human brain and in Alzheimer's disease. <i>NeuroImage</i> , 2013, 66, 28-35.	2.1	85
92	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> , 2019, 4, 260-270.	1.1	82
93	The functional organisation of the hippocampus along its long axis is gradual and predicts recollection. <i>Cortex</i> , 2019, 119, 324-335.	1.1	80
94	Safety, Tolerability, and Feasibility of Young Plasma Infusion in the Plasma for Alzheimer Symptom Amelioration Study. <i>JAMA Neurology</i> , 2019, 76, 35.	4.5	77
95	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> , 2008, 15, 113-122.	1.7	75
96	Functional and structural changes in the memory network associated with left temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2009, 30, 4070-4081.	1.9	75
97	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> , 2016, 7, 13.	2.6	71
98	Applying FSL to the FIAC data: Model-based and model-free analysis of voice and sentence repetition priming. <i>Human Brain Mapping</i> , 2006, 27, 380-391.	1.9	69
99	Resting-State Functional Connectivity Changes in Aging apoE4 and apoE-KO Mice. <i>Journal of Neuroscience</i> , 2014, 34, 13963-13975.	1.7	68
100	Functional anatomy of the human thalamus at rest. <i>NeuroImage</i> , 2017, 147, 678-691.	2.1	68
101	Distinct functional networks within the cerebellum and their relation to cortical systems assessed with independent component analysis. <i>NeuroImage</i> , 2012, 60, 2073-2085.	2.1	64
102	The relationship between spatial configuration and functional connectivity of brain regions revisited. <i>ELife</i> , 2019, 8, .	2.8	64
103	Changes in resting-state brain networks in writer's cramp. <i>Human Brain Mapping</i> , 2012, 33, 840-848.	1.9	63
104	Orbitofrontal Connectivity with Resting-State Networks Is Associated with Midbrain Dopamine D3 Receptor Availability. <i>Cerebral Cortex</i> , 2012, 22, 2784-2793.	1.6	62
105	The impact of "physiological correction" on functional connectivity analysis of pharmacological resting state fMRI. <i>NeuroImage</i> , 2013, 65, 499-510.	2.1	62
106	The normative modeling framework for computational psychiatry. <i>Nature Protocols</i> , 2022, 17, 1711-1734.	5.5	61
107	Meaningful design and contrast estimability in fMRI. <i>NeuroImage</i> , 2007, 34, 127-136.	2.1	60
108	Default mode network coherence in treatment-resistant major depressive disorder during electroconvulsive therapy. <i>Journal of Affective Disorders</i> , 2016, 205, 130-137.	2.0	60

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109	The contribution of the inferior parietal cortex to spoken language production. <i>Brain and Language</i> , 2012, 121, 47-57.	0.8	59
110	Artificial limb representation in amputees. <i>Brain</i> , 2018, 141, 1422-1433.	3.7	53
111	Impairment of movement-associated brain deactivation in multiple sclerosis: further evidence for a functional pathology of interhemispheric neuronal inhibition. <i>Experimental Brain Research</i> , 2008, 187, 25-31.	0.7	52
112	Understanding brain organisation in the face of functional heterogeneity and functional multiplicity. <i>NeuroImage</i> , 2020, 220, 117061.	2.1	51
113	Functional parcellation using time courses of instantaneous connectivity. <i>NeuroImage</i> , 2018, 170, 31-40.	2.1	50
114	Attention-Deficit/Hyperactivity Disorder Symptoms Coincide With Altered Striatal Connectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 353-363.	1.1	47
115	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> , 2015, 108, 396-409.	2.1	46
116	Altered striatal and pallidal connectivity in cervical dystonia. <i>Brain Structure and Function</i> , 2015, 220, 513-523.	1.2	43
117	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 11, 357-367.	1.4	43
118	Replicating extensive brain structural heterogeneity in individuals with schizophrenia and bipolar disorder. <i>Human Brain Mapping</i> , 2021, 42, 2546-2555.	1.9	42
119	Fractionating autism based on neuroanatomical normative modeling. <i>Translational Psychiatry</i> , 2020, 10, 384.	2.4	40
120	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021, 12, 19.	2.6	40
121	Refinement by integration: aggregated effects of multimodal imaging markers on adult ADHD. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 386-394.	1.4	39
122	Towards understanding language organisation in the brain using fMRI. <i>Human Brain Mapping</i> , 2003, 18, 239-247.	1.9	38
123	Short-term adaptation to a simple motor task: A physiological process preserved in multiple sclerosis. <i>NeuroImage</i> , 2009, 45, 500-511.	2.1	38
124	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. <i>NeuroImage</i> , 2012, 59, 1230-1238.	2.1	38
125	Warped Bayesian linear regression for normative modelling of big data. <i>NeuroImage</i> , 2021, 245, 118715.	2.1	38
126	Age-related adaptations of brain function during a memory task are also present at rest. <i>NeuroImage</i> , 2012, 59, 3821-3828.	2.1	37

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127	Regional atrophy of transcallosal prefrontal connections in cognitively normal <i>APOE</i> ϵ 4 carriers. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1021-1026.	1.9	36
128	Atypical Brain Asymmetry in Autism—A Candidate for Clinically Meaningful Stratification. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 802-812.	1.1	36
129	Bayesian deconvolution fMRI data using bilinear dynamical systems. <i>NeuroImage</i> , 2008, 42, 1381-1396.	2.1	34
130	Optimizing full-brain coverage in human brain MRI through population distributions of brain size. <i>NeuroImage</i> , 2014, 98, 513-520.	2.1	33
131	Objective analysis of the topological organization of the human cortical visual connectome suggests three visual pathways. <i>Cortex</i> , 2018, 98, 73-83.	1.1	31
132	Structural and Functional Reorganization of the Brain in Migraine Without Aura. <i>Frontiers in Neurology</i> , 2019, 10, 442.	1.1	31
133	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. <i>Brain Stimulation</i> , 2020, 13, 696-704.	0.7	31
134	Reduction in Cerebral Atrophy Associated with Ethyl-Eicosapentaenoic Acid Treatment in Patients with Huntington's Disease. <i>Journal of International Medical Research</i> , 2008, 36, 896-905.	0.4	30
135	An Investigation of RSN Frequency Spectra Using Ultra-Fast Generalized Inverse Imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 156.	1.0	30
136	Network-level assessment of reward-related activation in patients with ADHD and healthy individuals. <i>Human Brain Mapping</i> , 2017, 38, 2359-2369.	1.9	30
137	Effects of repeatability measures on results of fMRI sICA: A study on simulated and real resting-state effects. <i>NeuroImage</i> , 2011, 56, 554-569.	2.1	29
138	Investigating the intrinsic dimensionality of FMRI data for ICA. <i>NeuroImage</i> , 2001, 13, 76.	2.1	28
139	Interindividual Differences in Cortical Thickness and Their Genomic Underpinnings in Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2022, 179, 242-254.	4.0	28
140	Hierarchical Bayesian Regression for Multi-site Normative Modeling of Neuroimaging Data. <i>Lecture Notes in Computer Science</i> , 2020, , 699-709.	1.0	28
141	Functional connectivity in cortico-subcortical brain networks underlying reward processing in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 12, 796-805.	1.4	27
142	Linked anatomical and functional brain alterations in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2019, 23, 101851.	1.4	27
143	Bayesian inference of structural brain networks. <i>NeuroImage</i> , 2013, 66, 543-552.	2.1	25
144	Thresholding functional connectomes by means of mixture modeling. <i>NeuroImage</i> , 2018, 171, 402-414.	2.1	25

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145	Gray matter covariations and core symptoms of autism: the EU-AIMS Longitudinal European Autism Project. <i>Molecular Autism</i> , 2020, 11, 86.	2.6	25
146	Principles of temporal association cortex organisation as revealed by connectivity gradients. <i>Brain Structure and Function</i> , 2020, 225, 1245-1260.	1.2	25
147	Resting state fMRI research in child psychiatric disorders. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 757-770.	2.8	24
148	Distinct Frontal Networks Are Involved in Adapting to Internally and Externally Signaled Errors. <i>Cerebral Cortex</i> , 2013, 23, 703-713.	1.6	24
149	Reproducibility of Resting State Connectivity in Patients with Stable Multiple Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0152158.	1.1	24
150	The Visual Word Form System in Context. <i>Journal of Neuroscience</i> , 2011, 31, 193-199.	1.7	22
151	Spatial heterogeneity of the relation between resting-state connectivity and blood flow: An important consideration for pharmacological studies. <i>Human Brain Mapping</i> , 2014, 35, 929-942.	1.9	22
152	Aberrant local striatal functional connectivity in attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 697-705.	3.1	22
153	Functional integrity in children with anoxic brain injury from drowning. <i>Human Brain Mapping</i> , 2017, 38, 4813-4831.	1.9	21
154	Connectivity-Based Parcellation of the Amygdala Predicts Social Skills in Adolescents with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 572-582.	1.7	21
155	Personality Profiles Are Associated with Functional Brain Networks Related to Cognition and Emotion. <i>Scientific Reports</i> , 2018, 8, 13874.	1.6	21
156	Temporal Profiles of Social Attention Are Different Across Development in Autistic and Neurotypical People. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 813-824.	1.1	21
157	Discriminating stress from rest based on resting-state connectivity of the human brain: A supervised machine learning study. <i>Human Brain Mapping</i> , 2020, 41, 3089-3099.	1.9	21
158	Optimising a Simple Fully Convolutional Network for Accurate Brain Age Prediction in the PAC 2019 Challenge. <i>Frontiers in Psychiatry</i> , 2021, 12, 627996.	1.3	21
159	The impact of hemodynamic variability and signal mixing on the identifiability of effective connectivity structures in $\langle \text{scp} \rangle$ BOLD fMRI $\langle / \text{scp} \rangle$. <i>Brain and Behavior</i> , 2017, 7, e00777.	1.0	20
160	Phenotype discovery from population brain imaging. <i>Medical Image Analysis</i> , 2021, 71, 102050.	7.0	20
161	Resting state EEG power spectrum and functional connectivity in autism: a cross-sectional analysis. <i>Molecular Autism</i> , 2022, 13, 22.	2.6	20
162	Cerebellar Atypicalities in Autism?. <i>Biological Psychiatry</i> , 2022, 92, 674-682.	0.7	20

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163	Linked MRI signatures of the brain's acute and persistent response to concussion in female varsity rugby players. <i>NeuroImage: Clinical</i> , 2019, 21, 101627.	1.4	19
164	A Bayesian spatial model for neuroimaging data based on biologically informed basis functions. <i>NeuroImage</i> , 2017, 161, 134-148.	2.1	18
165	Specific patterns of brain alterations underlie distinct clinical profiles in Huntington's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101900.	1.4	18
166	The Quest for EEG Power Band Correlation with ICA Derived fMRI Resting State Networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 315.	1.0	17
167	Imbalanced social-communicative and restricted repetitive behavior subtypes of autism spectrum disorder exhibit different neural circuitry. <i>Communications Biology</i> , 2021, 4, 574.	2.0	17
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