

Michael P Milham

List of Publications by Citations

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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.

223
papers

30,834
citations

85
h-index

175
g-index

256
ext. papers

37,185
ext. citations

7
avg, IF

6.99
L-index

#	Paper	IF	Citations
223	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4734-9	11.5	2183
222	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , 2013 , 76, 183-201	7.9	1016
221	Competition between functional brain networks mediates behavioral variability. <i>NeuroImage</i> , 2008 , 39, 527-37	7.9	935
220	The oscillating brain: complex and reliable. <i>NeuroImage</i> , 2010 , 49, 1432-45	7.9	911
219	Characterizing cognition in ADHD: beyond executive dysfunction. <i>Trends in Cognitive Sciences</i> , 2006 , 10, 117-23	14	834
218	Functional connectivity of default mode network components: correlation, anticorrelation, and causality. <i>Human Brain Mapping</i> , 2009 , 30, 625-37	5.9	771
217	Network centrality in the human functional connectome. <i>Cerebral Cortex</i> , 2012 , 22, 1862-75	5.1	715
216	Precuneus shares intrinsic functional architecture in humans and monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20069-74	11.5	714
215	The resting brain: unconstrained yet reliable. <i>Cerebral Cortex</i> , 2009 , 19, 2209-29	5.1	706
214	Cingulate-precuneus interactions: a new locus of dysfunction in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2008 , 63, 332-7	7.9	671
213	Toward systems neuroscience of ADHD: a meta-analysis of 55 fMRI studies. <i>American Journal of Psychiatry</i> , 2012 , 169, 1038-55	11.9	594
212	Reliable intrinsic connectivity networks: test-retest evaluation using ICA and dual regression approach. <i>NeuroImage</i> , 2010 , 49, 2163-77	7.9	593
211	Mapping the functional connectivity of anterior cingulate cortex. <i>NeuroImage</i> , 2007 , 37, 579-88	7.9	581
210	Functional connectivity of the human amygdala using resting state fMRI. <i>NeuroImage</i> , 2009 , 45, 614-26	7.9	572
209	The neural correlates of attention deficit hyperactivity disorder: an ALE meta-analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006 , 47, 1051-62	7.9	521
208	Growing together and growing apart: regional and sex differences in the lifespan developmental trajectories of functional homotopy. <i>Journal of Neuroscience</i> , 2010 , 30, 15034-43	6.6	464
207	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. <i>Frontiers in Neuroscience</i> , 2012 , 6, 152	5.1	437

206	Development of anterior cingulate functional connectivity from late childhood to early adulthood. <i>Cerebral Cortex</i> , 2009 , 19, 640-57	5.1	430
205	Attentional control in the aging brain: insights from an fMRI study of the stroop task. <i>Brain and Cognition</i> , 2002 , 49, 277-96	2.7	410
204	Functional brain correlates of social and nonsocial processes in autism spectrum disorders: an activation likelihood estimation meta-analysis. <i>Biological Psychiatry</i> , 2009 , 65, 63-74	7.9	401
203	Distinct neural mechanisms of risk and ambiguity: a meta-analysis of decision-making. <i>NeuroImage</i> , 2006 , 32, 477-84	7.9	385
202	Ventral striatal hyporesponsiveness during reward anticipation in attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2007 , 61, 720-4	7.9	374
201	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017 , 4, 310-319	23.3	354
200	Amplitude of low-frequency oscillations in schizophrenia: a resting state fMRI study. <i>Schizophrenia Research</i> , 2010 , 117, 13-20	3.6	349
199	Aberrant striatal functional connectivity in children with autism. <i>Biological Psychiatry</i> , 2011 , 69, 847-56	7.9	328
198	Toward reliable characterization of functional homogeneity in the human brain: preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013 , 65, 374-86	7.9	325
197	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. <i>Frontiers in Systems Neuroscience</i> , 2012 , 6, 80	3.5	325
196	Network homogeneity reveals decreased integrity of default-mode network in ADHD. <i>Journal of Neuroscience Methods</i> , 2008 , 169, 249-54	3	322
195	fMRI studies of Stroop tasks reveal unique roles of anterior and posterior brain systems in attentional selection. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 988-1000	3.1	316
194	Deriving reproducible biomarkers from multi-site resting-state data: An Autism-based example. <i>NeuroImage</i> , 2017 , 147, 736-745	7.9	314
193	Best practices in data analysis and sharing in neuroimaging using MRI. <i>Nature Neuroscience</i> , 2017 , 20, 299-303	25.5	312
192	Standardizing the intrinsic brain: towards robust measurement of inter-individual variation in 1000 functional connectomes. <i>NeuroImage</i> , 2013 , 80, 246-62	7.9	296
191	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , 2013 , 10, 524-39	21.6	294
190	A convergent functional architecture of the insula emerges across imaging modalities. <i>NeuroImage</i> , 2012 , 61, 1129-42	7.9	282
189	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , 2010 , 50, 1690-701	7.9	281

188	Topological organization of the human brain functional connectome across the lifespan. <i>Developmental Cognitive Neuroscience</i> , 2014 , 7, 76-93	5.5	261
187	Prefrontal regions play a predominant role in imposing an attentional gate on evidence from fMRI. <i>Cognitive Brain Research</i> , 2000 , 10, 1-9		253
186	Graph theoretical analysis of functional brain networks: test-retest evaluation on short- and long-term resting-state functional MRI data. <i>PLoS ONE</i> , 2011 , 6, e21976	3.7	252
185	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014 , 1, 140049	8.2	247
184	L-dopa modulates functional connectivity in striatal cognitive and motor networks: a double-blind placebo-controlled study. <i>Journal of Neuroscience</i> , 2009 , 29, 7364-78	6.6	238
183	Unraveling the miswired connectome: a developmental perspective. <i>Neuron</i> , 2014 , 83, 1335-53	13.9	232
182	Clinical applications of the functional connectome. <i>NeuroImage</i> , 2013 , 80, 527-40	7.9	232
181	Toward open sharing of task-based fMRI data: the OpenfMRI project. <i>Frontiers in Neuroinformatics</i> , 2013 , 7, 12	3.9	229
180	Competition for priority in processing increases prefrontal cortex involvement in top-down control: an event-related fMRI study of the stroop task. <i>Cognitive Brain Research</i> , 2003 , 17, 212-22		227
179	Enhancing studies of the connectome in autism using the autism brain imaging data exchange II. <i>Scientific Data</i> , 2017 , 4, 170010	8.2	224
178	Personality is reflected in the brain's intrinsic functional architecture. <i>PLoS ONE</i> , 2011 , 6, e27633	3.7	217
177	Regional variation in interhemispheric coordination of intrinsic hemodynamic fluctuations. <i>Journal of Neuroscience</i> , 2008 , 28, 13754-64	6.6	216
176	Shared and distinct intrinsic functional network centrality in autism and attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2013 , 74, 623-32	7.9	211
175	Resting-state functional connectivity indexes reading competence in children and adults. <i>Journal of Neuroscience</i> , 2011 , 31, 8617-24	6.6	198
174	Default-mode network disruption in mild traumatic brain injury. <i>Radiology</i> , 2012 , 265, 882-92	20.5	197
173	General and task-specific frontal lobe recruitment in older adults during executive processes: a fMRI investigation of task-switching. <i>NeuroReport</i> , 2001 , 12, 2065-71	1.7	194
172	Characterizing variation in the functional connectome: promise and pitfalls. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 181-8	14	190
171	Making data sharing work: the FCP/INDI experience. <i>NeuroImage</i> , 2013 , 82, 683-91	7.9	183

170	The balance between feeling and knowing: affective and cognitive empathy are reflected in the brain's intrinsic functional dynamics. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 727-37	4	183
169	An open resource for transdiagnostic research in pediatric mental health and learning disorders. <i>Scientific Data</i> , 2017 , 4, 170181	8.2	181
168	Reduced interhemispheric resting state functional connectivity in cocaine addiction. <i>Biological Psychiatry</i> , 2011 , 69, 684-92	7.9	178
167	A preliminary study of functional connectivity in comorbid adolescent depression. <i>Neuroscience Letters</i> , 2009 , 460, 227-31	3.3	178
166	Neurophysiological investigation of spontaneous correlated and anticorrelated fluctuations of the BOLD signal. <i>Journal of Neuroscience</i> , 2013 , 33, 6333-42	6.6	177
165	Relationship between cingulo-insular functional connectivity and autistic traits in neurotypical adults. <i>American Journal of Psychiatry</i> , 2009 , 166, 891-9	11.9	176
164	Resting developments: a review of fMRI post-processing methodologies for spontaneous brain activity. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010 , 23, 289-307	2.8	174
163	Cortical abnormalities in bipolar disorder investigated with MRI and voxel-based morphometry. <i>NeuroImage</i> , 2006 , 30, 485-97	7.9	169
162	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011 , 54, 2950-9	7.9	165
161	Broca's region: linking human brain functional connectivity data and non-human primate tracing anatomy studies. <i>European Journal of Neuroscience</i> , 2010 , 32, 383-98	3.5	163
160	Anterior cingulate cortex: an fMRI analysis of conflict specificity and functional differentiation. <i>Human Brain Mapping</i> , 2005 , 25, 328-35	5.9	161
159	Selective reduction in amygdala volume in pediatric anxiety disorders: a voxel-based morphometry investigation. <i>Biological Psychiatry</i> , 2005 , 57, 961-6	7.9	155
158	Brain gray matter deficits at 33-year follow-up in adults with attention-deficit/hyperactivity disorder established in childhood. <i>Archives of General Psychiatry</i> , 2011 , 68, 1122-34		149
157	Striatum-based circuitry of adolescent depression and anhedonia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013 , 52, 628-41.e13	7.2	129
156	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019 , 10, 1022	17.4	128
155	The extrinsic and intrinsic functional architectures of the human brain are not equivalent. <i>Cerebral Cortex</i> , 2013 , 23, 223-9	5.1	125
154	Addressing head motion dependencies for small-world topologies in functional connectomics. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 910	3.3	125
153	Intrinsic functional architecture predicts electrically evoked responses in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 10308-13	11.5	124

152	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. <i>NeuroReport</i> , 2008 , 19, 703-9	1.7	123
151	Benchmarking functional connectome-based predictive models for resting-state fMRI. <i>NeuroImage</i> , 2019 , 192, 115-134	7.9	118
150	A multivariate distance-based analytic framework for connectome-wide association studies. <i>NeuroImage</i> , 2014 , 93 Pt 1, 74-94	7.9	115
149	Amygdalofrontal functional disconnectivity and aggression in schizophrenia. <i>Schizophrenia Bulletin</i> , 2010 , 36, 1020-8	1.3	114
148	Decreased interhemispheric coordination in schizophrenia: a resting state fMRI study. <i>Schizophrenia Research</i> , 2012 , 141, 1-7	3.6	111
147	Human Connectomics across the Life Span. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 32-45	14	110
146	A correspondence between individual differences in the brain's intrinsic functional architecture and the content and form of self-generated thoughts. <i>PLoS ONE</i> , 2014 , 9, e97176	3.7	109
145	A functional magnetic resonance imaging investigation of uncertainty in adolescents with anxiety disorders. <i>Biological Psychiatry</i> , 2008 , 63, 563-8	7.9	107
144	Reading networks at rest. <i>Cerebral Cortex</i> , 2010 , 20, 2549-59	5.1	105
143	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018 , 100, 61-74.e2	13.9	103
142	Connectivity trajectory across lifespan differentiates the precuneus from the default network. <i>NeuroImage</i> , 2014 , 89, 45-56	7.9	97
141	Open neuroscience solutions for the connectome-wide association era. <i>Neuron</i> , 2012 , 73, 214-8	13.9	94
140	White matter alterations at 33-year follow-up in adults with childhood attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2013 , 74, 591-8	7.9	89
139	Attentional selection and the processing of task-irrelevant information: insights from fMRI examinations of the Stroop task. <i>Progress in Brain Research</i> , 2001 , 134, 459-70	2.9	88
138	Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. <i>NeuroImage</i> , 2014 , 93 Pt 1, 124-37	7.9	81
137	Fronto-temporal spontaneous resting state functional connectivity in pediatric bipolar disorder. <i>Biological Psychiatry</i> , 2010 , 68, 839-46	7.9	81
136	Cortical signatures of dyslexia and remediation: an intrinsic functional connectivity approach. <i>PLoS ONE</i> , 2013 , 8, e55454	3.7	80
135	Default mode network abnormalities in idiopathic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 23, 353-9	3.2	77

134	Association of White Matter Structure With Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. <i>JAMA Psychiatry</i> , 2017 , 74, 1120-1128	14.5	76
133	An fMRI examination of developmental differences in the neural correlates of uncertainty and decision-making. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006 , 47, 1023-30	7.9	76
132	Dimensional brain-behavior relationships in children with attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2012 , 71, 434-42	7.9	69
131	Introduction to the 2015 Brainhack Proceedings. <i>GigaScience</i> , 2016 , 5, 1-26	7.6	68
130	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020 , 3, 103	6.7	63
129	Hemispheric asymmetry in cognitive division of anterior cingulate cortex: a resting-state functional connectivity study. <i>NeuroImage</i> , 2009 , 47, 1579-89	7.9	63
128	Characterization of thalamo-cortical association using amplitude and connectivity of functional MRI in mild traumatic brain injury. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 1558-68	5.6	61
127	An integrated framework for targeting functional networks via transcranial magnetic stimulation. <i>NeuroImage</i> , 2016 , 127, 86-96	7.9	60
126	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. <i>Cerebral Cortex</i> , 2016 , 26, 4192-4211	5.1	60
125	Behavioral conflict, anterior cingulate cortex, and experiment duration: implications of diverging data. <i>Human Brain Mapping</i> , 2004 , 21, 98-107	5.9	59
124	The Coronavirus Health and Impact Survey (CRISIS) reveals reproducible correlates of pandemic-related mood states across the Atlantic. <i>Scientific Reports</i> , 2021 , 11, 8139	4.9	57
123	Differential development of human brain white matter tracts. <i>PLoS ONE</i> , 2011 , 6, e23437	3.7	55
122	Multicenter mapping of structural network alterations in autism. <i>Human Brain Mapping</i> , 2015 , 36, 2364-73	5.9	54
121	Assessment of the impact of shared brain imaging data on the scientific literature. <i>Nature Communications</i> , 2018 , 9, 2818	17.4	53
120	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020 , 105, 600-603	13.9	51
119	On the importance of precise electrode placement for targeted transcranial electric stimulation. <i>NeuroImage</i> , 2018 , 181, 560-567	7.9	51
118	The Healthy Brain Network Serial Scanning Initiative: a resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions. <i>GigaScience</i> , 2017 , 6, 1-14	7.6	49
117	Multidimensional Neuroanatomical Subtyping of Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2018 , 28, 3578-3588	5.1	49

116	Concordance among indices of intrinsic brain function: Insights from inter-individual variation and temporal dynamics. <i>Science Bulletin</i> , 2017 , 62, 1572-1584	10.6	48
115	Subject order-independent group ICA (SOI-GICA) for functional MRI data analysis. <i>NeuroImage</i> , 2010 , 51, 1414-24	7.9	47
114	Data-Driven Phenotypic Categorization for Neurobiological Analyses: Beyond DSM-5 Labels. <i>Biological Psychiatry</i> , 2017 , 81, 484-494	7.9	46
113	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011 , 54, 517-27	7.9	46
112	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020 , 223, 117346	7.9	44
111	Making data sharing count: a publication-based solution. <i>Frontiers in Neuroscience</i> , 2013 , 7, 9	5.1	43
110	Your resting brain CAREs about your risky behavior. <i>PLoS ONE</i> , 2010 , 5, e12296	3.7	43
109	Connectomics and new approaches for analyzing human brain functional connectivity. <i>GigaScience</i> , 2015 , 4, 13	7.6	42
108	Short-term test-retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. <i>Developmental Cognitive Neuroscience</i> , 2015 , 15, 83-93	5.5	41
107	Trends in the Prevalence and Incidence of Attention-Deficit/Hyperactivity Disorder Among Adults and Children of Different Racial and Ethnic Groups. <i>JAMA Network Open</i> , 2019 , 2, e1914344	10.4	41
106	Limitations of ex vivo measurements for in vivo neuroscience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5243-5246	11.5	40
105	Resting state functional connectivity correlates of inhibitory control in children with attention-deficit/hyperactivity disorder. <i>Frontiers in Psychiatry</i> , 2011 , 2, 83	5	40
104	Lovastatin regulates brain spontaneous low-frequency brain activity in neurofibromatosis type 1. <i>Neuroscience Letters</i> , 2012 , 515, 28-33	3.3	39
103	Best Practices in Data Analysis and Sharing in Neuroimaging using MRI		37
102	Toward Neurosubtypes in Autism. <i>Biological Psychiatry</i> , 2020 , 88, 111-128	7.9	36
101	To the Cloud! A Grassroots Proposal to Accelerate Brain Science Discovery. <i>Neuron</i> , 2016 , 92, 622-627	13.9	34
100	On distance-based permutation tests for between-group comparisons. <i>Biometrics</i> , 2010 , 66, 636-43	1.8	34
99	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021 , 109, 2820-2846	13.9	34

98	Network-specific sex differentiation of intrinsic brain function in males with autism. <i>Molecular Autism</i> , 2018 , 9, 17	6.5	33
97	Age-related changes in intrinsic function of the superior temporal sulcus in autism spectrum disorders. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 1413-23	4	33
96	Ventral medial prefrontal functional connectivity and emotion regulation in chronic schizophrenia: a pilot study. <i>Neuroscience Bulletin</i> , 2013 , 29, 59-74	4.3	31
95	Intrinsic brain indices of verbal working memory capacity in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2015 , 15, 67-82	5.5	28
94	Cortical thickness abnormalities associated with dyslexia, independent of remediation status. <i>NeuroImage: Clinical</i> , 2015 , 7, 177-86	5.3	28
93	A resource for assessing information processing in the developing brain using EEG and eye tracking. <i>Scientific Data</i> , 2017 , 4, 170040	8.2	27
92	Towards clinical applications of movie fMRI. <i>NeuroImage</i> , 2020 , 217, 116860	7.9	27
91	Delineating the Macroscale Areal Organization of the Macaque Cortex InVivo. <i>Cell Reports</i> , 2018 , 23, 429-441	10.6	27
90	Patterns of thought: Population variation in the associations between large-scale network organisation and self-reported experiences at rest. <i>NeuroImage</i> , 2018 , 176, 518-527	7.9	27
89	Relationship of trauma symptoms to amygdala-based functional brain changes in adolescents. <i>Journal of Traumatic Stress</i> , 2013 , 26, 784-7	3.8	27
88	Charting brain growth in tandem with brain templates at school age. <i>Science Bulletin</i> , 2020 , 65, 1924-1934	10.6	27
87	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. <i>Nature Methods</i> , 2021 , 18, 775-778	21.6	26
86	Neural correlates of self-perceptions in adolescents with major depressive disorder. <i>Developmental Cognitive Neuroscience</i> , 2016 , 19, 87-97	5.5	25
85	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017 , 146, 157-170	7.9	25
84	Differential contributions of the middle frontal gyrus functional connectivity to literacy and numeracy. <i>Scientific Reports</i> , 2017 , 7, 17548	4.9	25
83	The Coronavirus Health and Impact Survey (CRISIS) reveals reproducible correlates of pandemic-related mood states across the Atlantic 2020 ,		25
82	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 543-553	3.4	24
81	Predicting intrinsic brain activity. <i>NeuroImage</i> , 2013 , 82, 127-36	7.9	24

80	Toward a connectivity gradient-based framework for reproducible biomarker discovery. <i>NeuroImage</i> , 2020 , 223, 117322	7.9	23
79	Mode of Anisotropy Reveals Global Diffusion Alterations in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016 , 55, 137-45	7.2	22
78	Clinically useful brain imaging for neuropsychiatry: How can we get there?. <i>Depression and Anxiety</i> , 2017 , 34, 578-587	8.4	21
77	Bagging improves reproducibility of functional parcellation of the human brain. <i>NeuroImage</i> , 2020 , 214, 116678	7.9	20
76	Uncovering putative neural markers of risk avoidance. <i>Neuropsychologia</i> , 2011 , 49, 937-944	3.2	20
75	Brain age prediction: Cortical and subcortical shape covariation in the developing human brain. <i>NeuroImage</i> , 2019 , 202, 116149	7.9	17
74	Problematic internet use in children and adolescents: associations with psychiatric disorders and impairment. <i>BMC Psychiatry</i> , 2020 , 20, 252	4.2	17
73	Functional connectivity of EEG is subject-specific, associated with phenotype, and different from fMRI. <i>NeuroImage</i> , 2020 , 218, 117001	7.9	17
72	The influence of mild carbon dioxide on brain functional homotopy using resting-state fMRI. <i>Human Brain Mapping</i> , 2015 , 36, 3912-21	5.9	16
71	Removing the Reliability Bottleneck in Functional Magnetic Resonance Imaging Research to Achieve Clinical Utility. <i>JAMA Psychiatry</i> , 2021 , 78, 587-588	14.5	16
70	Aberrant Temporal Connectivity in Persons at Clinical High Risk for Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 696-705	3.4	15
69	Cross-species Functional Alignment Reveals Evolutionary Hierarchy Within the Connectome		15
68	A Tool for Interactive Data Visualization: Application to Over 10,000 Brain Imaging and Phantom MRI Data Sets. <i>Frontiers in Neuroinformatics</i> , 2016 , 10, 9	3.9	15
67	Neural Correlates of Symptom Improvement Following Stimulant Treatment in Adults with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016 , 26, 527-36	2.9	15
66	Evaluating fMRI-Based Estimation of Eye Gaze During Naturalistic Viewing. <i>Cerebral Cortex</i> , 2020 , 30, 1171-1184	5.1	15
65	Detecting stable individual differences in the functional organization of the human basal ganglia. <i>NeuroImage</i> , 2018 , 170, 68-82	7.9	14
64	A collaborative resource platform for non-human primate neuroimaging. <i>NeuroImage</i> , 2021 , 226, 117519	7.9	14
63	Imaging the "At-Risk" Brain: Future Directions. <i>Journal of the International Neuropsychological Society</i> , 2016 , 22, 164-79	3.1	13

62	Measuring strengths and weaknesses in dimensional psychiatry. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020 , 61, 40-50	7.9	13
61	Striatal subdivisions that coherently interact with multiple cerebrocortical networks. <i>Human Brain Mapping</i> , 2018 , 39, 4349-4359	5.9	13
60	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. <i>Nature Communications</i> , 2021 , 12, 2225	17.4	12
59	Impact of concatenating fMRI data on reliability for functional connectomics. <i>NeuroImage</i> , 2021 , 226, 117549	7.9	11
58	Clinical decision support systems in child and adolescent psychiatry: a systematic review. <i>European Child and Adolescent Psychiatry</i> , 2017 , 26, 1309-1317	5.5	10
57	A High-Throughput Pipeline Identifies Robust Connectomes But Troublesome Variability		10
56	Decomposing complex links between the childhood environment and brain structure in school-aged youth. <i>Developmental Cognitive Neuroscience</i> , 2021 , 48, 100919	5.5	10
55	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021 , 109, 1769-1775	13.9	10
54	Computerized cognitive training for children with neurofibromatosis type 1: A pilot resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 266, 53-58	2.9	9
53	Impact of hematocrit on measurements of the intrinsic brain. <i>Frontiers in Neuroscience</i> , 2014 , 8, 452	5.1	9
52	An open resource for transdiagnostic research in pediatric mental health and learning disorders		9
51	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021 , 12, 19	6.5	9
50	Systematic Review: Medication Effects on Brain Intrinsic Functional Connectivity in Patients With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021 , 60, 222-235	7.2	9
49	U-net model for brain extraction: Trained on humans for transfer to non-human primates. <i>NeuroImage</i> , 2021 , 235, 118001	7.9	9
48	Eliminating accidental deviations to minimize generalization error and maximize replicability: applications in connectomics and genomics		8
47	Diagnostic Associations of Processing Speed in a Transdiagnostic, Pediatric Sample. <i>Scientific Reports</i> , 2020 , 10, 10114	4.9	8
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