

Michael P Milham

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8871763/michael-p-milham-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	How to remove or control confounds in predictive models, with applications to brain biomarkers.. <i>GigaScience</i> , 2022 , 11,	7.6	2
222	Heterogeneity in caregiving-related early adversity: Creating stable dimensions and subtypes.. <i>Development and Psychopathology</i> , 2022 , 1-14	4.3	0
221	Diagnosis-informed connectivity subtyping discovers subgroups of autism with reproducible symptom profiles.. <i>NeuroImage</i> , 2022 , 119212	7.9	0
220	Dissociable multi-scale patterns of development in personalized brain networks.. <i>Nature Communications</i> , 2022 , 13, 2647	17.4	1
219	A benchmark for prediction of psychiatric multimorbidity from resting EEG data in a large pediatric sample. <i>NeuroImage</i> , 2022 , 258, 119348	7.9	1
218	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. <i>Neuron</i> , 2021 ,	13.9	1
217	Remote Digital Psychiatry for Mobile Mental Health Assessment and Therapy: MindLogger Platform Development Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e22369	7.6	1
216	Resting-State fMRI to Identify the Brain Correlates of Treatment Response to Medications in Children and Adolescents With Attention-Deficit/Hyperactivity Disorder: Lessons From the CUNMET Study. <i>Frontiers in Psychiatry</i> , 2021 , 12, 759696	5	1
215	Neuroimaging Association Scores: reliability and validity of aggregate measures of brain structural features linked to mental disorders in youth. <i>European Child and Adolescent Psychiatry</i> , 2021 , 30, 1895-1905	5.5	0
214	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021 , 12, 19	6.5	9
213	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
212	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
211	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. <i>Nature Communications</i> , 2021 , 12, 2225	17.4	12
210	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. <i>Nature Methods</i> , 2021 , 18, 775-778	21.6	26
209	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
208	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021 , 109, 1769-1775	13.9	10
207	The contributions of brain structural and functional variance in predicting age, sex and treatment. <i>NeuroImage Reports</i> , 2021 , 1, 100024		

206	Measurement reliability for individual differences in multilayer network dynamics: Cautions and considerations. <i>NeuroImage</i> , 2021 , 225, 117489	7.9	7
205	Impact of concatenating fMRI data on reliability for functional connectomics. <i>NeuroImage</i> , 2021 , 226, 117549	7.9	11
204	Is it time to switch your T1W sequence? Assessing the impact of prospective motion correction on the reliability and quality of structural imaging. <i>NeuroImage</i> , 2021 , 226, 117585	7.9	5
203	A collaborative resource platform for non-human primate neuroimaging. <i>NeuroImage</i> , 2021 , 226, 117519	7.9	14
202	Stability and similarity of the pediatric connectome as developmental measures. <i>NeuroImage</i> , 2021 , 226, 117537	7.9	4
201	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
200	U-net model for brain extraction: Trained on humans for transfer to non-human primates. <i>NeuroImage</i> , 2021 , 235, 118001	7.9	9
199	Atypical Integration of Sensory-to-Transmodal Functional Systems Mediates Symptom Severity in Autism. <i>Frontiers in Psychiatry</i> , 2021 , 12, 699813	5	1
198	Mapping functional gradients of the striatal circuit using simultaneous microelectric stimulation and ultrahigh-field fMRI in non-human primates. <i>NeuroImage</i> , 2021 , 236, 118077	7.9	2
197	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021 , 109, 2820-2846	13.9	34
196	Predicting multiscan MRI outcomes in children with neurodevelopmental conditions following MRI simulator training. <i>Developmental Cognitive Neuroscience</i> , 2021 , 52, 101009	5.5	1
195	Developmental Cognitive Neuroscience in the Era of Networks and Big Data: Strengths, Weaknesses, Opportunities, and Threats. <i>Annual Review of Developmental Psychology</i> , 2021 , 3,	7.5	3
194	Eliminating accidental deviations to minimize generalization error and maximize replicability: Applications in connectomics and genomics. <i>PLoS Computational Biology</i> , 2021 , 17, e1009279	5	5
193	Towards clinical applications of movie fMRI. <i>NeuroImage</i> , 2020 , 217, 116860	7.9	27
192	Problematic internet use in children and adolescents: associations with psychiatric disorders and impairment. <i>BMC Psychiatry</i> , 2020 , 20, 252	4.2	17
191	Functional connectivity of EEG is subject-specific, associated with phenotype, and different from fMRI. <i>NeuroImage</i> , 2020 , 218, 117001	7.9	17
190	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020 , 3, 103	6.7	63
189	Bagging improves reproducibility of functional parcellation of the human brain. <i>NeuroImage</i> , 2020 , 214, 116678	7.9	20

188	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020 , 105, 600-603	13.9	51
187	Toward Neurosubtypes in Autism. <i>Biological Psychiatry</i> , 2020 , 88, 111-128	7.9	36
186	The Coronavirus Health and Impact Survey (CRISIS) reveals reproducible correlates of pandemic-related mood states across the Atlantic 2020 ,		25
185	Functional connectivity of the reading network is associated with prenatal polybrominated diphenyl ether concentrations in a community sample of 5 year-old children: A preliminary study. <i>Environment International</i> , 2020 , 134, 105212	12.9	5
184	Diagnostic Associations of Processing Speed in a Transdiagnostic, Pediatric Sample. <i>Scientific Reports</i> , 2020 , 10, 10114	4.9	8
183	Joint embedding: A scalable alignment to compare individuals in a connectivity space. <i>NeuroImage</i> , 2020 , 222, 117232	7.9	7
182	Charting brain growth in tandem with brain templates at school age. <i>Science Bulletin</i> , 2020 , 65, 1924-1934	14.6	27
181	Thalamus is a common locus of reading, arithmetic, and IQ: Analysis of local intrinsic functional properties. <i>Brain and Language</i> , 2020 , 209, 104835	2.9	2
180	Toward a connectivity gradient-based framework for reproducible biomarker discovery. <i>NeuroImage</i> , 2020 , 223, 117322	7.9	23
179	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020 , 223, 117346	7.9	44
178	Evaluating fMRI-Based Estimation of Eye Gaze During Naturalistic Viewing. <i>Cerebral Cortex</i> , 2020 , 30, 1171-1184	5.1	15
177	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
176	Estimated Prevalence of Nonverbal Learning Disability Among North American Children and Adolescents. <i>JAMA Network Open</i> , 2020 , 3, e202551	10.4	7
175	Brain age prediction: Cortical and subcortical shape covariation in the developing human brain. <i>NeuroImage</i> , 2019 , 202, 116149	7.9	17
174	Be the change you seek in science. <i>BMC Biology</i> , 2019 , 17, 27	7.3	4
173	Benchmarking functional connectome-based predictive models for resting-state fMRI. <i>NeuroImage</i> , 2019 , 192, 115-134	7.9	118
172	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019 , 10, 1022	17.4	128
171	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

170	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
169	Concerns regarding the prediction of behavioral measures from multilayer network switching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16672	11.5	2
168	Delineating the Macroscale Areal Organization of the Macaque Cortex InVivo. <i>Cell Reports</i> , 2018 , 23, 429-441	10.6	27
167	Network-specific sex differentiation of intrinsic brain function in males with autism. <i>Molecular Autism</i> , 2018 , 9, 17	6.5	33
166	Detecting stable individual differences in the functional organization of the human basal ganglia. <i>NeuroImage</i> , 2018 , 170, 68-82	7.9	14
165	Multidimensional Neuroanatomical Subtyping of Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2018 , 28, 3578-3588	5.1	49
164	On the importance of precise electrode placement for targeted transcranial electric stimulation. <i>NeuroImage</i> , 2018 , 181, 560-567	7.9	51
163	Assessment of the impact of shared brain imaging data on the scientific literature. <i>Nature Communications</i> , 2018 , 9, 2818	17.4	53
162	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
161	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018 , 100, 61-74.e2	13.9	103
160	Cogmed Working Memory Training Presents Unique Implementation Challenges in Adults With ADHD. <i>Frontiers in Psychiatry</i> , 2018 , 9, 388	5	3
159	Striatal subdivisions that coherently interact with multiple cerebrocortical networks. <i>Human Brain Mapping</i> , 2018 , 39, 4349-4359	5.9	13
158	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
157	Best practices in data analysis and sharing in neuroimaging using MRI. <i>Nature Neuroscience</i> , 2017 , 20, 299-303	25.5	312
156	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
155	Clinically useful brain imaging for neuropsychiatry: How can we get there?. <i>Depression and Anxiety</i> , 2017 , 34, 578-587	8.4	21
154	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
153	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

152	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
151	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
150	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
149	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
148	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
147	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
146	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017 , 146, 157-170	7.9	25
145	Data-Driven Phenotypic Categorization for Neurobiological Analyses: Beyond DSM-5 Labels. <i>Biological Psychiatry</i> , 2017 , 81, 484-494	7.9	46
144	Deriving reproducible biomarkers from multi-site resting-state data: An Autism-based example. <i>NeuroImage</i> , 2017 , 147, 736-745	7.9	314
143	Human Connectomics across the Life Span. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 32-45	14	110
142	A Modulatory Effect of Brief Passive Exposure to Non-linguistic Sounds on Intrinsic Functional Connectivity: Relevance to Cognitive Performance. <i>Cerebral Cortex</i> , 2017 , 27, 5817-5830	5.1	1
141	An open resource for transdiagnostic research in pediatric mental health and learning disorders. <i>Scientific Data</i> , 2017 , 4, 170181	8.2	181
140	Differential contributions of the middle frontal gyrus functional connectivity to literacy and numeracy. <i>Scientific Reports</i> , 2017 , 7, 17548	4.9	25
139	To the Cloud! A Grassroots Proposal to Accelerate Brain Science Discovery. <i>Neuron</i> , 2016 , 92, 622-627	13.9	34
138	Introduction to the 2015 Brainhack Proceedings. <i>GigaScience</i> , 2016 , 5, 1-26	7.6	68
137	Neural correlates of self-perceptions in adolescents with major depressive disorder. <i>Developmental Cognitive Neuroscience</i> , 2016 , 19, 87-97	5.5	25
136	An integrated framework for targeting functional networks via transcranial magnetic stimulation. <i>NeuroImage</i> , 2016 , 127, 86-96	7.9	60
135	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

134	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
133	Imaging the "At-Risk" Brain: Future Directions. <i>Journal of the International Neuropsychological Society</i> , 2016 , 22, 164-79	3.1	13
132	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
131	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. <i>Cerebral Cortex</i> , 2016 , 26, 4192-4211	5.1	60
130	Multicenter mapping of structural network alterations in autism. <i>Human Brain Mapping</i> , 2015 , 36, 2364-73	3.9	54
129	Connectomics and new approaches for analyzing human brain functional connectivity. <i>GigaScience</i> , 2015 , 4, 13	7.6	42
128	Intrinsic brain indices of verbal working memory capacity in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2015 , 15, 67-82	5.5	28
127	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
126	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
125	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
124	Cortical thickness abnormalities associated with dyslexia, independent of remediation status. <i>NeuroImage: Clinical</i> , 2015 , 7, 177-86	5.3	28
123	A multivariate distance-based analytic framework for connectome-wide association studies. <i>NeuroImage</i> , 2014 , 93 Pt 1, 74-94	7.9	115
122	Connectivity trajectory across lifespan differentiates the precuneus from the default network. <i>NeuroImage</i> , 2014 , 89, 45-56	7.9	97
121	Topological organization of the human brain functional connectome across the lifespan. <i>Developmental Cognitive Neuroscience</i> , 2014 , 7, 76-93	5.5	261
120	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014 , 1, 140049	8.2	247
119	Impact of hematocrit on measurements of the intrinsic brain. <i>Frontiers in Neuroscience</i> , 2014 , 8, 452	5.1	9
118	Unraveling the miswired connectome: a developmental perspective. <i>Neuron</i> , 2014 , 83, 1335-53	13.9	232
117	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

116	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
115	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
114	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
113	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
112	Making data sharing work: the FCP/INDI experience. <i>NeuroImage</i> , 2013 , 82, 683-91	7.9	183
111	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
110	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
109	Neurophysiological investigation of spontaneous correlated and anticorrelated fluctuations of the BOLD signal. <i>Journal of Neuroscience</i> , 2013 , 33, 6333-42	6.6	177
108	Clinical applications of the functional connectome. <i>NeuroImage</i> , 2013 , 80, 527-40	7.9	232
107	Predicting intrinsic brain activity. <i>NeuroImage</i> , 2013 , 82, 127-36	7.9	24
106	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , 2013 , 10, 524-39	21.6	294
105	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
104	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
103	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
102	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
101	Cortical signatures of dyslexia and remediation: an intrinsic functional connectivity approach. <i>PLoS ONE</i> , 2013 , 8, e55454	3.7	80
100	The extrinsic and intrinsic functional architectures of the human brain are not equivalent. <i>Cerebral Cortex</i> , 2013 , 23, 223-9	5.1	125
99	Addressing head motion dependencies for small-world topologies in functional connectomics. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 910	3.3	125

98	Toward open sharing of task-based fMRI data: the OpenfMRI project. <i>Frontiers in Neuroinformatics</i> , 2013 , 7, 12	3.9	229
97	Making data sharing count: a publication-based solution. <i>Frontiers in Neuroscience</i> , 2013 , 7, 9	5.1	43
96	Default-mode network disruption in mild traumatic brain injury. <i>Radiology</i> , 2012 , 265, 882-92	20.5	197
95	Open neuroscience solutions for the connectome-wide association era. <i>Neuron</i> , 2012 , 73, 214-8	13.9	94
94	Characterizing variation in the functional connectome: promise and pitfalls. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 181-8	14	190
93	Default mode network abnormalities in idiopathic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 23, 353-9	3.2	77
92	Network centrality in the human functional connectome. <i>Cerebral Cortex</i> , 2012 , 22, 1862-75	5.1	715
91	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
90	Lovastatin regulates brain spontaneous low-frequency brain activity in neurofibromatosis type 1. <i>Neuroscience Letters</i> , 2012 , 515, 28-33	3.3	39
89	Dimensional brain-behavior relationships in children with attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2012 , 71, 434-42	7.9	69
88	A convergent functional architecture of the insula emerges across imaging modalities. <i>NeuroImage</i> , 2012 , 61, 1129-42	7.9	282
87	Decreased interhemispheric coordination in schizophrenia: a resting state fMRI study. <i>Schizophrenia Research</i> , 2012 , 141, 1-7	3.6	111
86	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
85	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
84	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
83	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
82	Aberrant striatal functional connectivity in children with autism. <i>Biological Psychiatry</i> , 2011 , 69, 847-56	7.9	328
81	Reduced interhemispheric resting state functional connectivity in cocaine addiction. <i>Biological Psychiatry</i> , 2011 , 69, 684-92	7.9	178

80	Extracting information from functional connectivity maps via function-on-scalar regression. <i>NeuroImage</i> , 2011 , 56, 140-8	7.9	5
79	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011 , 54, 517-27	7.9	46
78	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011 , 54, 2950-9	7.9	165
77	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
76	Differential development of human brain white matter tracts. <i>PLoS ONE</i> , 2011 , 6, e23437	3.7	55
75	Personality is reflected in the brain's intrinsic functional architecture. <i>PLoS ONE</i> , 2011 , 6, e27633	3.7	217
74	Uncovering putative neural markers of risk avoidance. <i>Neuropsychologia</i> , 2011 , 49, 937-944	3.2	20
73	Resting-state functional connectivity indexes reading competence in children and adults. <i>Journal of Neuroscience</i> , 2011 , 31, 8617-24	6.6	198
72	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
71	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
70	On distance-based permutation tests for between-group comparisons. <i>Biometrics</i> , 2010 , 66, 636-43	1.8	34
69	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
68	Amygdalofrontal functional disconnectivity and aggression in schizophrenia. <i>Schizophrenia Bulletin</i> , 2010 , 36, 1020-8	1.3	114
67	Reading networks at rest. <i>Cerebral Cortex</i> , 2010 , 20, 2549-59	5.1	105
66	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
65	Fronto-temporal spontaneous resting state functional connectivity in pediatric bipolar disorder. <i>Biological Psychiatry</i> , 2010 , 68, 839-46	7.9	81
64	Amplitude of low-frequency oscillations in schizophrenia: a resting state fMRI study. <i>Schizophrenia Research</i> , 2010 , 117, 13-20	3.6	349
63	Subject order-independent group ICA (SOI-GICA) for functional MRI data analysis. <i>NeuroImage</i> , 2010 , 51, 1414-24	7.9	47

62	The oscillating brain: complex and reliable. <i>NeuroImage</i> , 2010 , 49, 1432-45	7.9	911
61	Reliable intrinsic connectivity networks: test-retest evaluation using ICA and dual regression approach. <i>NeuroImage</i> , 2010 , 49, 2163-77	7.9	593
60	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , 2010 , 50, 1690-701	7.9	281
59	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
58	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
57	Your resting brain CAREs about your risky behavior. <i>PLoS ONE</i> , 2010 , 5, e12296	3.7	43
56	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
55	Development of anterior cingulate functional connectivity from late childhood to early adulthood. <i>Cerebral Cortex</i> , 2009 , 19, 640-57	5.1	430
54	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
53	Functional connectivity of default mode network components: correlation, anticorrelation, and causality. <i>Human Brain Mapping</i> , 2009 , 30, 625-37	5.9	771
52	The resting brain: unconstrained yet reliable. <i>Cerebral Cortex</i> , 2009 , 19, 2209-29	5.1	706
51	A preliminary study of functional connectivity in comorbid adolescent depression. <i>Neuroscience Letters</i> , 2009 , 460, 227-31	3.3	178
50	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
49	Functional connectivity of the human amygdala using resting state fMRI. <i>NeuroImage</i> , 2009 , 45, 614-26	7.9	572
48	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
47	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
46	A functional magnetic resonance imaging investigation of uncertainty in adolescents with anxiety disorders. <i>Biological Psychiatry</i> , 2008 , 63, 563-8	7.9	107
45	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

44	Competition between functional brain networks mediates behavioral variability. <i>NeuroImage</i> , 2008 , 39, 527-37	7.9	935
43	Regional variation in interhemispheric coordination of intrinsic hemodynamic fluctuations. <i>Journal of Neuroscience</i> , 2008 , 28, 13754-64	6.6	216
42	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. <i>NeuroReport</i> , 2008 , 19, 703-9	1.7	123
41	Network homogeneity reveals decreased integrity of default-mode network in ADHD. <i>Journal of Neuroscience Methods</i> , 2008 , 169, 249-54	3	322
40	Ventral striatal hyporesponsiveness during reward anticipation in attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2007 , 61, 720-4	7.9	374
39	Mapping the functional connectivity of anterior cingulate cortex. <i>NeuroImage</i> , 2007 , 37, 579-88	7.9	581
38	Cortical abnormalities in bipolar disorder investigated with MRI and voxel-based morphometry. <i>NeuroImage</i> , 2006 , 30, 485-97	7.9	169
37	Distinct neural mechanisms of risk and ambiguity: a meta-analysis of decision-making. <i>NeuroImage</i> , 2006 , 32, 477-84	7.9	385
36	Characterizing cognition in ADHD: beyond executive dysfunction. <i>Trends in Cognitive Sciences</i> , 2006 , 10, 117-23	14	834
35	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
34	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
33	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
32	Anterior cingulate cortex: an fMRI analysis of conflict specificity and functional differentiation. <i>Human Brain Mapping</i> , 2005 , 25, 328-35	5.9	161
31	Behavioral conflict, anterior cingulate cortex, and experiment duration: implications of diverging data. <i>Human Brain Mapping</i> , 2004 , 21, 98-107	5.9	59
30	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
29	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
28	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
27	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

26	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
25	Prefrontal regions play a predominant role in imposing an attentional set. Evidence from fMRI. <i>Cognitive Brain Research</i> , 2000, 10, 1-9		253
24	A Guide for Quantifying and Optimizing Measurement Reliability for the Study of Individual Differences		1
23	Moving Beyond Processing and Analysis-Related Variation in Neuroscience		4
22	Towards Neurosubtypes in Autism		3
21	Bagging Improves Reproducibility of Functional Parcellation of the Human Brain		2
20	Generating Templates and Growth Charts for School-Aged Brain Development		1
19	Impact of Concatenating fMRI Data on Reliability for Functional Connectomics		2
18	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability		2
17	Best Practices in Data Analysis and Sharing in Neuroimaging using MRI		37
16	Deriving robust biomarkers from multi-site resting-state data: An Autism-based example		2
15	Age and sex modulate the variability of neural responses to naturalistic videos		2
14	An open resource for transdiagnostic research in pediatric mental health and learning disorders		9
13	Assessing actimeters for inclusion in the Healthy Brain Network		1
12	A High-Throughput Pipeline Identifies Robust Connectomes But Troublesome Variability		10
11	TOWARD A CONNECTIVITY GRADIENT-BASED FRAMEWORK FOR REPRODUCIBLE BIOMARKER DISCOVERY		4
10	Connectome and microcircuit models implicate atypical subcortico-cortical interactions in autism pathophysiology		6
9	An open resource for nonhuman primate imaging		1

8	Evaluating fMRI-Based Estimation of Eye Gaze during Naturalistic Viewing	1
7	Inter-individual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Monkeys	2
6	Cross-species Functional Alignment Reveals Evolutionary Hierarchy Within the Connectome	15
5	Eliminating accidental deviations to minimize generalization error and maximize replicability: applications in connectomics and genomics	8
4	The Healthy Brain Network Serial Scanning Initiative: A resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions	3
3	ASLPrep: A Generalizable Platform for Processing of Arterial Spin Labeled MRI and Quantification of Regional Brain Perfusion	1
2	Dissociable Multi-scale Patterns of Development in Personalized Brain Networks	1
1	Predicting multimodal MRI outcomes in children with neurodevelopmental conditions following MRI simulator training	1