

Damien A Fair

List of Publications by Year in descending order

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Version: 2024-02-01

169
papers

32,196
citations

10373

72
h-index

5384

164
g-index

194
all docs

194
docs citations

194
times ranked

25295
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	3.3	2,703
2	Distinct brain networks for adaptive and stable task control in humans. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11073-11078.	3.3	2,290
3	Prediction of Individual Brain Maturity Using fMRI. Science, 2010, 329, 1358-1361.	6.0	1,884
4	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. Molecular Psychiatry, 2014, 19, 659-667.	4.1	1,882
5	A dual-networks architecture of top-down control. Trends in Cognitive Sciences, 2008, 12, 99-105.	4.0	1,597
6	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. Developmental Cognitive Neuroscience, 2018, 32, 43-54.	1.9	1,282
7	Functional Brain Networks Develop from a "Local to Distributed" Organization. PLoS Computational Biology, 2009, 5, e1000381.	1.5	1,274
8	The maturing architecture of the brain's default network. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4028-4032.	3.3	1,175
9	Development of distinct control networks through segregation and integration. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13507-13512.	3.3	1,083
10	Reproducible brain-wide association studies require thousands of individuals. Nature, 2022, 603, 654-660.	13.7	842
11	The Development of Human Functional Brain Networks. Neuron, 2010, 67, 735-748.	3.8	668
12	Defining functional areas in individual human brains using resting functional connectivity MRI. NeuroImage, 2008, 41, 45-57.	2.1	541
13	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.	2.1	539
14	A method for using blocked and event-related fMRI data to study "resting state" functional connectivity. NeuroImage, 2007, 35, 396-405.	2.1	522
15	Brain charts for the human lifespan. Nature, 2022, 604, 525-533.	13.7	518
16	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. Frontiers in Systems Neuroscience, 2012, 6, 80.	1.2	390
17	Distinct neuropsychological subgroups in typically developing youth inform heterogeneity in children with ADHD. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6769-6774.	3.3	386
18	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. American Journal of Psychiatry, 2018, 175, 359-369.	4.0	356

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19	Development of large-scale functional networks from birth to adulthood: A guide to the neuroimaging literature. <i>NeuroImage</i> , 2017, 160, 15-31.	2.1	322
20	Atypical Default Network Connectivity in Youth with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 1084-1091.	0.7	315
21	Unraveling the Miswired Connectome: A Developmental Perspective. <i>Neuron</i> , 2014, 83, 1335-1353.	3.8	299
22	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	3.3	299
23	Subtyping Attention-Deficit/Hyperactivity Disorder Using Temperament Dimensions. <i>JAMA Psychiatry</i> , 2014, 71, 1015.	6.0	278
24	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021, 109, 2820-2846.	3.8	272
25	Maternal IL-6 during pregnancy can be estimated from newborn brain connectivity and predicts future working memory in offspring. <i>Nature Neuroscience</i> , 2018, 21, 765-772.	7.1	264
26	Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. <i>Brain</i> , 2009, 132, 225-238.	3.7	262
27	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	4.0	261
28	The Heterogeneity Problem: Approaches to Identify Psychiatric Subtypes. <i>Trends in Cognitive Sciences</i> , 2019, 23, 584-601.	4.0	229
29	Large-scale topology and the default mode network in the mouse connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18745-18750.	3.3	228
30	Does the Urinary Microbiome Play a Role in Urgency Urinary Incontinence and Its Severity?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 78.	1.8	224
31	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	2.1	221
32	Maternal Systemic Interleukin-6 During Pregnancy Is Associated With Newborn Amygdala Phenotypes and Subsequent Behavior at 2 Years of Age. <i>Biological Psychiatry</i> , 2018, 83, 109-119.	0.7	213
33	When Is an Adolescent an Adult? Assessing Cognitive Control in Emotional and Nonemotional Contexts. <i>Psychological Science</i> , 2016, 27, 549-562.	1.8	202
34	Aggressive behavior problems in children with autism spectrum disorders: Prevalence and correlates in a large clinical sample. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 1121-1133.	0.8	192
35	Functional Brain Network Modularity Captures Inter- and Intra-Individual Variation in Working Memory Capacity. <i>PLoS ONE</i> , 2012, 7, e30468.	1.1	189
36	Connectotyping: Model Based Fingerprinting of the Functional Connectome. <i>PLoS ONE</i> , 2014, 9, e111048.	1.1	182

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37	Intergenerational Transmission of Maternal Childhood Maltreatment Exposure: Implications for Fetal Brain Development. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 373-382.	0.3	181
38	The Rhesus Monkey Connectome Predicts Disrupted Functional Networks Resulting from Pharmacogenetic Inactivation of the Amygdala. <i>Neuron</i> , 2016, 91, 453-466.	3.8	173
39	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	5.8	167
40	Controlling for Contaminants in Low-Biomass 16S rRNA Gene Sequencing Experiments. <i>MSystems</i> , 2019, 4, .	1.7	166
41	Structural and Functional Rich Club Organization of the Brain in Children and Adults. <i>PLoS ONE</i> , 2014, 9, e88297.	1.1	165
42	Functional Reorganization of the Locomotor Network in Parkinson Patients with Freezing of Gait. <i>PLoS ONE</i> , 2014, 9, e100291.	1.1	164
43	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020, 106, 340-353.e8.	3.8	162
44	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	2.1	161
45	Altered White Matter Microstructure in Children With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2011, 50, 283-292.	0.3	157
46	Maternal Interleukin-6 concentration during pregnancy is associated with variation in frontolimbic white matter and cognitive development in early life. <i>NeuroImage</i> , 2019, 185, 825-835.	2.1	150
47	Behavioral interventions for reducing head motion during MRI scans in children. <i>NeuroImage</i> , 2018, 171, 234-245.	2.1	149
48	Reward circuit connectivity relates to delay discounting in children with attention-deficit/hyperactivity disorder. <i>European Neuropsychopharmacology</i> , 2013, 23, 33-45.	0.3	148
49	Isoflurane Anesthesia Has Long-term Consequences on Motor and Behavioral Development in Infant Rhesus Macaques. <i>Anesthesiology</i> , 2017, 126, 74-84.	1.3	147
50	Structural and functional connectivity of the human brain in autism spectrum disorders and attention-deficit/hyperactivity disorder: A rich club-organization study. <i>Human Brain Mapping</i> , 2014, 35, 6032-6048.	1.9	142
51	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020, 223, 117346.	2.1	136
52	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	6.0	136
53	Maternal Cortisol Concentrations During Pregnancy and Sex-Specific Associations With Neonatal Amygdala Connectivity and Emerging Internalizing Behaviors. <i>Biological Psychiatry</i> , 2019, 85, 172-181.	0.7	135
54	Maturing thalamocortical functional connectivity across development. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 10.	1.2	134

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55	Bridging the Gap between the Human and Macaque Connectome: A Quantitative Comparison of Global Interspecies Structure-Function Relationships and Network Topology. <i>Journal of Neuroscience</i> , 2014, 34, 5552-5563.	1.7	129
56	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. <i>Nature Methods</i> , 2021, 18, 775-778.	9.0	127
57	Subtyping cognitive profiles in Autism Spectrum Disorder using a Functional Random Forest algorithm. <i>NeuroImage</i> , 2018, 172, 674-688.	2.1	120
58	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	4.0	120
59	Premotor functional connectivity predicts impulsivity in juvenile offenders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11241-11245.	3.3	114
60	Characterizing heterogeneity in children with and without ADHD based on reward system connectivity. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 155-174.	1.9	110
61	Hemispheric lateralization of verbal and spatial working memory during adolescence. <i>Brain and Cognition</i> , 2013, 82, 58-68.	0.8	98
62	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. <i>PLoS ONE</i> , 2014, 9, e91322.	1.1	98
63	Implications of newborn amygdala connectivity for fear and cognitive development at 6-months-of-age. <i>Developmental Cognitive Neuroscience</i> , 2016, 18, 12-25.	1.9	97
64	Do we need an irritable subtype of ADHD? Replication and extension of a promising temperament profile approach to ADHD subtyping. <i>Psychological Assessment</i> , 2019, 31, 236-247.	1.2	96
65	The potential of infant fMRI research and the study of early life stress as a promising exemplar. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 12-39.	1.9	94
66	Heritability of the human connectome: A connectotyping study. <i>Network Neuroscience</i> , 2018, 2, 175-199.	1.4	94
67	Altered Cortico-Striatal-Thalamic Connectivity in Relation to Spatial Working Memory Capacity in Children with ADHD. <i>Frontiers in Psychiatry</i> , 2012, 3, 2.	1.3	93
68	Altered fronto-cerebellar connectivity in alcohol-naïve youth with a family history of alcoholism. <i>NeuroImage</i> , 2011, 54, 2582-2589.	2.1	92
69	Overlapping and Distinct Cognitive Impairments in Attention-Deficit/Hyperactivity and Autism Spectrum Disorder without Intellectual Disability. <i>Journal of Abnormal Child Psychology</i> , 2018, 46, 1705-1716.	3.5	92
70	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	3.8	92
71	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2018, 374, 119-132.	1.1	91
72	Developmental sex differences in resting state functional connectivity of amygdala sub-regions. <i>NeuroImage</i> , 2015, 115, 235-244.	2.1	87

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73	Community profiling of the urinary microbiota: considerations for low-biomass samples. <i>Nature Reviews Urology</i> , 2018, 15, 735-749.	1.9	87
74	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	1.9	86
75	MR connectomics: a conceptual framework for studying the developing brain. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 43.	1.2	83
76	The attenuation of dysfunctional emotional processing with stimulant medication: An fMRI study of adolescents with ADHD. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 151-160.	0.9	80
77	Working Memory and Vigilance as Multivariate Endophenotypes Related to Common Genetic Risk for Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 175-182.	0.3	76
78	Postnatal Zika virus infection is associated with persistent abnormalities in brain structure, function, and behavior in infant macaques. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	75
79	Resting state functional connectivity of the nucleus accumbens in youth with a family history of alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 210-219.	0.9	72
80	Early life stress is associated with default system integrity and emotionality during infancy. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 1212-1222.	3.1	71
81	Evaluating chronic emotional dysregulation and irritability in relation to <scp>ADHD</scp> and depression genetic risk in children with <scp>ADHD</scp>. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 205-214.	3.1	68
82	A Monte Carlo Evaluation of Weighted Community Detection Algorithms. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 45.	1.3	66
83	At risk of being risky: The relationship between "brain age" under emotional states and risk preference. <i>Developmental Cognitive Neuroscience</i> , 2017, 24, 93-106.	1.9	65
84	Dietary Omega-3 Fatty Acids Modulate Large-Scale Systems Organization in the Rhesus Macaque Brain. <i>Journal of Neuroscience</i> , 2014, 34, 2065-2074.	1.7	62
85	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , 2020, 217, 116866.	2.1	62
86	Attention Deficit Hyperactivity Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 16, 235-266.	0.8	62
87	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	1.9	61
88	Toward a Revised Nosology for Attention-Deficit/Hyperactivity Disorder Heterogeneity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 726-737.	1.1	55
89	The migraine brain in transition. <i>Pain</i> , 2015, 156, 2212-2221.	2.0	52
90	Variation in strategy use across measures of verbal working memory. <i>Memory and Cognition</i> , 2016, 44, 922-936.	0.9	52

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91	Behavioral and Neural Signatures of Working Memory in Childhood. <i>Journal of Neuroscience</i> , 2020, 40, 5090-5104.	1.7	50
92	Functional Neuroanatomy of Lexical Processing in Children with Cleft Lip and Palate. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 1371-1382.	0.7	49
93	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186.	7.1	48
94	Emotional Processing and Brain Activity in Youth at High Risk for Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1912-1923.	1.4	47
95	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 543-553.	1.1	47
96	ADHD and attentional control: Impaired segregation of task positive and task negative brain networks. <i>Network Neuroscience</i> , 2018, 2, 200-217.	1.4	46
97	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928.	1.5	45
98	Delineating the Macroscale Areal Organization of the Macaque Cortex In Vivo. <i>Cell Reports</i> , 2018, 23, 429-441.	2.9	42
99	Analysis of structural brain asymmetries in attention deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1202-1219.	3.1	40
100	Combined effects of peer presence, social cues, and rewards on cognitive control in adolescents. <i>Developmental Psychobiology</i> , 2018, 60, 292-302.	0.9	39
101	Newborn amygdala connectivity and early emerging fear. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100604.	1.9	39
102	Long-term alterations in brain and behavior after postnatal Zika virus infection in infant macaques. <i>Nature Communications</i> , 2020, 11, 2534.	5.8	38
103	Evaluation of maternal inflammation as a marker of future offspring ADHD symptoms: A prospective investigation. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 350-356.	2.0	35
104	Maternal Diet, Metabolic State, and Inflammatory Response Exert Unique and Long-Lasting Influences on Offspring Behavior in Non-Human Primates. <i>Frontiers in Endocrinology</i> , 2018, 9, 161.	1.5	34
105	Methods and Challenges for Assessing Heterogeneity. <i>Biological Psychiatry</i> , 2020, 88, 9-17.	0.7	34
106	fMRI reveals novel functional neuroanatomy in a child with perinatal stroke. <i>Neurology</i> , 2006, 67, 2246-2249.	1.5	32
107	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. <i>NeuroImage</i> , 2013, 75, 165-175.	2.1	32
108	Infant isoflurane exposure affects social behaviours, but does not impair specific cognitive domains in juvenile non-human primates. <i>British Journal of Anaesthesia</i> , 2021, 126, 486-499.	1.5	31

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109	Examining mechanisms of brain control of bladder function with resting state functional connectivity MRI. <i>Neurourology and Urodynamics</i> , 2014, 33, 493-501.	0.8	30
110	Abnormal functional connectivity in women with urgency urinary incontinence: Can we predict disease presence and severity in individual women using Resting State fMRI. <i>Neurourology and Urodynamics</i> , 2016, 35, 564-573.	0.8	28
111	Emerging ethical issues raised by highly portable MRI research in remote and resource-limited international settings. <i>NeuroImage</i> , 2021, 238, 118210.	2.1	28
112	Dissociable multi-scale patterns of development in personalized brain networks. <i>Nature Communications</i> , 2022, 13, 2647.	5.8	27
113	Comparing directed functional connectivity between groups with confirmatory subgrouping GIMME. <i>NeuroImage</i> , 2019, 188, 642-653.	2.1	26
114	Heterogeneity of executive function revealed by a functional random forest approach across ADHD and ASD. <i>NeuroImage: Clinical</i> , 2020, 26, 102245.	1.4	26
115	Understanding Vulnerability and Adaptation in Early Brain Development using Network Neuroscience. <i>Trends in Neurosciences</i> , 2021, 44, 276-288.	4.2	26
116	Prenatal domoic acid exposure disrupts mouse pro-social behavior and functional connectivity MRI. <i>Behavioural Brain Research</i> , 2016, 308, 14-23.	1.2	25
117	Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 101-113.	1.9	25
118	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2022, 27, 2114-2125.	4.1	25
119	Sex differences in the neural substrates of spatial working memory during adolescence are not mediated by endogenous testosterone. <i>Brain Research</i> , 2014, 1593, 40-54.	1.1	24
120	Reduced fronto-amygdalar connectivity in adolescence is associated with increased depression symptoms over time. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 35-41.	0.9	24
121	A Comparison of Analysis of Variance and Correlation Methods for Investigating Cognitive Development With Functional Magnetic Resonance Imaging. <i>Developmental Neuropsychology</i> , 2006, 30, 531-546.	1.0	23
122	Correlated Gene Expression and Anatomical Communication Support Synchronized Brain Activity in the Mouse Functional Connectome. <i>Journal of Neuroscience</i> , 2018, 38, 5774-5787.	1.7	23
123	Adolescent Gender Differences in Cognitive Control Performance and Functional Connectivity Between Default Mode and Fronto-Parietal Networks Within a Self-Referential Context. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 73.	1.0	22
124	Minimal specifications for non-human primate MRI: Challenges in standardizing and harmonizing data collection. <i>NeuroImage</i> , 2021, 236, 118082.	2.1	22
125	Attention-Deficit/Hyperactivity Disorder: Restricted Phenotypes Prevalence, Comorbidity, and Polygenic Risk Sensitivity in the ABCD Baseline Cohort. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1273-1284.	0.3	22
126	Research Review: Functional brain connectivity and child psychopathology – overview and methodological considerations for investigators new to the field. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 400-414.	3.1	21

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127	The functional organization of trial-related activity in lexical processing after early left hemispheric brain lesions: An event-related fMRI study. <i>Brain and Language</i> , 2010, 114, 135-146.	0.8	20
128	Developmental outcomes of early adverse care on amygdala functional connectivity in nonhuman primates. <i>Development and Psychopathology</i> , 2020, 32, 1579-1596.	1.4	20
129	Characterizing the impact of adversity, abuse, and neglect on adolescent amygdala resting-state functional connectivity. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100894.	1.9	19
130	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108946.	1.6	19
131	Diet matters: Glucocorticoid-related neuroadaptations associated with calorie intake in female rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2018, 91, 169-178.	1.3	18
132	Smaller total brain volume but not subcortical structure volume related to common genetic risk for ADHD. <i>Psychological Medicine</i> , 2021, 51, 1279-1288.	2.7	18
133	Network Structure among Brain Systems in Adult ADHD is Uniquely Modified by Stimulant Administration. <i>Cerebral Cortex</i> , 2017, 27, 3970-3979.	1.6	17
134	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. <i>Cerebral Cortex</i> , 2020, 30, 1573-1585.	1.6	17
135	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2022, 43, 244-254.	1.9	16
136	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, 249-275.	1.4	16
137	Lateralized Connectivity between Globus Pallidus and Motor Cortex is Associated with Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2020, 443, 44-58.	1.1	14
138	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1140-1149.	3.1	14
139	Linking Individual Differences in Personalized Functional Network Topography to Psychopathology in Youth. <i>Biological Psychiatry</i> , 2022, 92, 973-983.	0.7	14
140	Migraine in the Young Brain: Adolescents vs. Young Adults. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 87.	1.0	13
141	Polygenic Risk Score-Derived Subcortical Connectivity Mediates Attention-Deficit/Hyperactivity Disorder Diagnosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 330-341.	1.1	13
142	Prediction of suicidal ideation and attempt in 9 and 10 year-old children using transdiagnostic risk features. <i>PLoS ONE</i> , 2021, 16, e0252114.	1.1	13
143	Network-specific selectivity of functional connections in the neonatal brain. <i>Cerebral Cortex</i> , 2023, 33, 2200-2214.	1.6	13
144	Fructose Ingestion and Cerebral, Metabolic, and Satiety Responses. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 85.	3.8	12

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145	Notice of Retraction and Replacement. Karalunas et al. Subtyping attention-deficit/hyperactivity disorder using temperament dimensions: toward biologically based nosologic criteria. <i>JAMA Psychiatry</i> . 2014;71(9):1015-1024. <i>JAMA Psychiatry</i> , 2018, 75, 408.	6.0	12
146	Task-Evoked BOLD Responses Are Normal in Areas of Diaschisis After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 52-57.	1.4	11
147	Cortical thickness as predictor of response to exercise in people with Parkinson's disease. <i>Human Brain Mapping</i> , 2021, 42, 139-153.	1.9	11
148	The Big Reveal: Precision Mapping Shines a Gigantic Floodlight on the Cerebellum. <i>Neuron</i> , 2018, 100, 773-776.	3.8	9
149	Neonatal brain volume as a marker of differential susceptibility to parenting quality and its association with neurodevelopment across early childhood. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100826.	1.9	9
150	Parsing Psychiatric Heterogeneity Through Common and Unique Circuit-Level Deficits. <i>Biological Psychiatry</i> , 2020, 88, 4-5.	0.7	9
151	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. <i>NeuroImage</i> , 2022, 247, 118838.	2.1	9
152	Neuroanatomical Correlates Underlying the Association Between Maternal Interleukin 6 Concentration During Pregnancy and Offspring Fluid Reasoning Performance in Early Childhood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 24-33.	1.1	8
153	Chronic psychosocial stress and experimental pubertal delay affect socioemotional behavior and amygdala functional connectivity in adolescent female rhesus macaques. <i>Psychoneuroendocrinology</i> , 2021, 127, 105154.	1.3	8
154	Maternal diet and obesity shape offspring central and peripheral inflammatory outcomes in juvenile non-human primates. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 224-236.	2.0	8
155	Effects of social subordination and oestradiol on resting-state amygdala functional connectivity in adult female rhesus monkeys. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12822.	1.2	7
156	Obesogenic diet-associated C-reactive protein predicts reduced central dopamine and corticostriatal functional connectivity in female rhesus monkeys. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 166-173.	2.0	7
157	Real-time motion monitoring improves functional MRI data quality in infants. <i>Developmental Cognitive Neuroscience</i> , 2022, 55, 101116.	1.9	7
158	Resting-state functional connectivity identifies individuals and predicts age in 8-to-26-month-olds. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101123.	1.9	7
159	Precision Neuroimaging Opens a New Chapter of Neuroplasticity Experimentation. <i>Neuron</i> , 2020, 107, 401-403.	3.8	6
160	Direct and Indirect Associations of Widespread Individual Differences in Brain White Matter Microstructure With Executive Functioning and General and Specific Dimensions of Psychopathology in Children. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, .	1.1	4
161	Synthesizing pseudo-T2w images to recapture missing data in neonatal neuroimaging with applications in rs-fMRI. <i>NeuroImage</i> , 2022, 253, 119091.	2.1	4
162	Commentary: Developmental connectomics to advance our understanding of typical and atypical brain development – a commentary on VÃ©rtes and Bullmore (2015). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 321-323.	3.1	2

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163	An open-access accelerated adult equivalent of the ABCD Study neuroimaging dataset (a-ABCD). <i>NeuroImage</i> , 2022, 255, 119215.	2.1	2
164	243. Implications of Newborn Amygdala Connectivity on Fear Vs. Negative Emotionality Development over the First Year of Life. <i>Biological Psychiatry</i> , 2017, 81, S100.	0.7	1
165	193. Sex Specific Effects of Maternal Cortisol Concentrations During Pregnancy on the Functional Connectivity of the Newborn Limbic System. <i>Biological Psychiatry</i> , 2018, 83, S77-S78.	0.7	1
166	Sex Differences in Functional Topography of Association Networks. <i>Biological Psychiatry</i> , 2021, 89, S178.	0.7	1
167	T43. Early Emerging Regulatory Behavior Mediates Association Between Newborn Brain Connectivity and Subsequent Internalizing Symptoms. <i>Biological Psychiatry</i> , 2019, 85, S145.	0.7	0
168	P683. Sex Differences in the Functional Topography of Association Networks in Youths. <i>Biological Psychiatry</i> , 2022, 91, S366-S367.	0.7	0
169	P112. Polygenic Risk for Depression Moderates an Association Between Amygdala Connectivity and Internalizing Symptomatology in Childhood. <i>Biological Psychiatry</i> , 2022, 91, S132.	0.7	0