

Damien A Fair

List of Publications by Year in descending order

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Version: 2024-02-01

169
papers

32,196
citations

10389

72
h-index

5394

164
g-index

194
all docs

194
docs citations

194
times ranked

25295
citing authors

#	ARTICLE	IF	CITATIONS
1	Network-specific selectivity of functional connections in the neonatal brain. <i>Cerebral Cortex</i> , 2023, 33, 2200-2214.	2.9	13
2	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2022, 43, 244-254.	3.6	16
3	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	3.6	61
4	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.	1.5	8
5	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. <i>NeuroImage</i> , 2022, 247, 118838.	4.2	9
6	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.	7.9	25
7	Reproducible brain-wide association studies require thousands of individuals. <i>Nature</i> , 2022, 603, 654-660.	27.8	842
8	Brain charts for the human lifespan. <i>Nature</i> , 2022, 604, 525-533.	27.8	518
9	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.	4.1	8
10	Synthesizing pseudo-T2w images to recapture missing data in neonatal neuroimaging with applications in rs-fMRI. <i>NeuroImage</i> , 2022, 253, 119091.	4.2	4
11	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.	0.5	22
12	An open-access accelerated adult equivalent of the ABCD Study neuroimaging dataset (a-ABCD). <i>NeuroImage</i> , 2022, 255, 119215.	4.2	2
13	Dissociable multi-scale patterns of development in personalized brain networks. <i>Nature Communications</i> , 2022, 13, 2647.	12.8	27
14	P683. Sex Differences in the Functional Topography of Association Networks in Youths. <i>Biological Psychiatry</i> , 2022, 91, S366-S367.	1.3	0
15	P112. Polygenic Risk for Depression Moderates an Association Between Amygdala Connectivity and Internalizing Symptomatology in Childhood. <i>Biological Psychiatry</i> , 2022, 91, S132.	1.3	0
16	Linking Individual Differences in Personalized Functional Network Topography to Psychopathology in Youth. <i>Biological Psychiatry</i> , 2022, 92, 973-983.	1.3	14
17	Real-time motion monitoring improves functional MRI data quality in infants. <i>Developmental Cognitive Neuroscience</i> , 2022, 55, 101116.	4.0	7
18	Resting-state functional connectivity identifies individuals and predicts age in 8-to-26-month-olds. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101123.	4.0	7

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19	Smaller total brain volume but not subcortical structure volume related to common genetic risk for ADHD. <i>Psychological Medicine</i> , 2021, 51, 1279-1288.	4.5	18
20	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.	3.4	31
21	Cortical thickness as predictor of response to exercise in people with Parkinson's disease. <i>Human Brain Mapping</i> , 2021, 42, 139-153.	3.6	11
22	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
23	Characterizing the impact of adversity, abuse, and neglect on adolescent amygdala resting-state functional connectivity. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100894.	4.0	19
24	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.	5.2	14
25	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.	5.2	40
26	Understanding Vulnerability and Adaptation in Early Brain Development using Network Neuroscience. <i>Trends in Neurosciences</i> , 2021, 44, 276-288.	8.6	26
27	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.	2.7	8
28	Prediction of suicidal ideation and attempt in 9 and 10 year-old children using transdiagnostic risk features. <i>PLoS ONE</i> , 2021, 16, e0252114.	2.5	13
29	Sex Differences in Functional Topography of Association Networks. <i>Biological Psychiatry</i> , 2021, 89, S178.	1.3	1
30	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. <i>Nature Methods</i> , 2021, 18, 775-778.	19.0	127
31	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186.	14.8	48
32	Minimal specifications for non-human primate MRI: Challenges in standardizing and harmonizing data collection. <i>NeuroImage</i> , 2021, 236, 118082.	4.2	22
33	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021, 109, 2820-2846.	8.1	272
34	Emerging ethical issues raised by highly portable MRI research in remote and resource-limited international settings. <i>NeuroImage</i> , 2021, 238, 118210.	4.2	28
35	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.	2.9	16
36	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.	3.2	19

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37	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.	5.2	68
38	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.	2.6	7
39	Polygenic Risk Score–Derived Subcortical Connectivity Mediates Attention-Deficit/Hyperactivity Disorder Diagnosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 330-341.	1.5	13
40	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
41	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. <i>Cerebral Cortex</i> , 2020, 30, 1573-1585.	2.9	17
42	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, .	1.5	4
43	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.	4.1	35
44	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.	4.0	9
45	Precision Neuroimaging Opens a New Chapter of Neuroplasticity Experimentation. <i>Neuron</i> , 2020, 107, 401-403.	8.1	6
46	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020, 223, 117346.	4.2	136
47	Parsing Psychiatric Heterogeneity Through Common and Unique Circuit-Level Deficits. <i>Biological Psychiatry</i> , 2020, 88, 4-5.	1.3	9
48	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.	7.2	120
49	Heterogeneity of executive function revealed by a functional random forest approach across ADHD and ASD. <i>NeuroImage: Clinical</i> , 2020, 26, 102245.	2.7	26
50	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , 2020, 217, 116866.	4.2	62
51	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.	4.1	7
52	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.	2.3	14
53	Toward a Revised Nosology for Attention-Deficit/Hyperactivity Disorder Heterogeneity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 726-737.	1.5	55
54	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	8.1	92

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55	Methods and Challenges for Assessing Heterogeneity. <i>Biological Psychiatry</i> , 2020, 88, 9-17.	1.3	34
56	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020, 106, 340-353.e8.	8.1	162
57	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.	3.5	45
58	Developmental outcomes of early adverse care on amygdala functional connectivity in nonhuman primates. <i>Development and Psychopathology</i> , 2020, 32, 1579-1596.	2.3	20
59	Long-term alterations in brain and behavior after postnatal Zika virus infection in infant macaques. <i>Nature Communications</i> , 2020, 11, 2534.	12.8	38
60	Behavioral and Neural Signatures of Working Memory in Childhood. <i>Journal of Neuroscience</i> , 2020, 40, 5090-5104.	3.6	50
61	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.	1.3	135
62	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
63	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	12.8	167
64	T43. Early Emerging Regulatory Behavior Mediates Association Between Newborn Brain Connectivity and Subsequent Internalizing Symptoms. <i>Biological Psychiatry</i> , 2019, 85, S145.	1.3	0
65	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	4.0	86
66	Controlling for Contaminants in Low-Biomass 16S rRNA Gene Sequencing Experiments. <i>MSystems</i> , 2019, 4, .	3.8	166
67	The Heterogeneity Problem: Approaches to Identify Psychiatric Subtypes. <i>Trends in Cognitive Sciences</i> , 2019, 23, 584-601.	7.8	229
68	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.	7.2	261
69	Migraine in the Young Brain: Adolescents vs. Young Adults. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 87.	2.0	13
70	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 543-553.	1.5	47
71	Comparing directed functional connectivity between groups with confirmatory subgrouping GIMME. <i>NeuroImage</i> , 2019, 188, 642-653.	4.2	26
72	Newborn amygdala connectivity and early emerging fear. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100604.	4.0	39

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73	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.	4.2	150
74	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.	1.5	96
75	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.	11.0	12
76	ADHD and attentional control: Impaired segregation of task positive and task negative brain networks. <i>Network Neuroscience</i> , 2018, 2, 200-217.	2.6	46
77	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, .	12.4	75
78	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.	14.8	264
79	Delineating the Macroscale Areal Organization of the Macaque Cortex In Vivo. <i>Cell Reports</i> , 2018, 23, 429-441.	6.4	42
80	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2018, 374, 119-132.	2.3	91
81	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
82	Subtyping cognitive profiles in Autism Spectrum Disorder using a Functional Random Forest algorithm. <i>NeuroImage</i> , 2018, 172, 674-688.	4.2	120
83	Behavioral interventions for reducing head motion during MRI scans in children. <i>NeuroImage</i> , 2018, 171, 234-245.	4.2	149
84	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.	0.5	76
85	Diet matters: Glucocorticoid-related neuroadaptations associated with calorie intake in female rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2018, 91, 169-178.	2.7	18
86	Combined effects of peer presence, social cues, and rewards on cognitive control in adolescents. <i>Developmental Psychobiology</i> , 2018, 60, 292-302.	1.6	39
87	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 43-54.	4.0	1,282
88	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.	1.3	213
89	Heritability of the human connectome: A connectotyping study. <i>Network Neuroscience</i> , 2018, 2, 175-199.	2.6	94
90	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. <i>American Journal of Psychiatry</i> , 2018, 175, 359-369.	7.2	356

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91	The Big Reveal: Precision Mapping Shines a Gigantic Floodlight on the Cerebellum. <i>Neuron</i> , 2018, 100, 773-776.	8.1	9
92	Community profiling of the urinary microbiota: considerations for low-biomass samples. <i>Nature Reviews Urology</i> , 2018, 15, 735-749.	3.8	87
93	Correlated Gene Expression and Anatomical Communication Support Synchronized Brain Activity in the Mouse Functional Connectome. <i>Journal of Neuroscience</i> , 2018, 38, 5774-5787.	3.6	23
94	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.	7.1	299
95	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.	3.5	34
96	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.	2.0	22
97	Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 101-113.	4.0	25
98	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.	1.3	1
99	Network Structure among Brain Systems in Adult ADHD is Uniquely Modified by Stimulant Administration. <i>Cerebral Cortex</i> , 2017, 27, 3970-3979.	2.9	17
100	Development of large-scale functional networks from birth to adulthood: A guide to the neuroimaging literature. <i>NeuroImage</i> , 2017, 160, 15-31.	4.2	322
101	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.	4.0	65
102	Reduced fronto-amygdalar connectivity in adolescence is associated with increased depression symptoms over time. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 35-41.	1.8	24
103	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.	0.5	181
104	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.	1.3	1
105	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	4.2	221
106	Isoflurane Anesthesia Has Long-term Consequences on Motor and Behavioral Development in Infant Rhesus Macaques. <i>Anesthesiology</i> , 2017, 126, 74-84.	2.5	147
107	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.	3.9	224
108	A Monte Carlo Evaluation of Weighted Community Detection Algorithms. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 45.	2.5	66

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109	Abnormal functional connectivity in women with urgency urinary incontinence: Can we predict disease presence and severity in individual women using Rsâ€¦MRI. <i>Neurourology and Urodynamics</i> , 2016, 35, 564-573.	1.5	28
110	Prenatal domoic acid exposure disrupts mouse pro-social behavior and functional connectivity MRI. <i>Behavioural Brain Research</i> , 2016, 308, 14-23.	2.2	25
111	Variation in strategy use across measures of verbal working memory. <i>Memory and Cognition</i> , 2016, 44, 922-936.	1.6	52
112	The Rhesus Monkey Connectome Predicts Disrupted Functional Networks Resulting from Pharmacogenetic Inactivation of the Amygdala. <i>Neuron</i> , 2016, 91, 453-466.	8.1	173
113	Implications of newborn amygdala connectivity for fear and cognitive development at 6-months-of-age. <i>Developmental Cognitive Neuroscience</i> , 2016, 18, 12-25.	4.0	97
114	When Is an Adolescent an Adult? Assessing Cognitive Control in Emotional and Nonemotional Contexts. <i>Psychological Science</i> , 2016, 27, 549-562.	3.3	202
115	Commentary: Developmental connectomics to advance our understanding of typical and atypical brain development â€“ a commentary on VÃ©rtes and Bullmore (2015). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 321-323.	5.2	2
116	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.	5.2	71
117	Research Review: Functional brain connectivity and child psychopathology â€“ 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.	5.2	21
118	The migraine brain in transition. <i>Pain</i> , 2015, 156, 2212-2221.	4.2	52
119	Characterizing heterogeneity in children with and without ADHD based on reward system connectivity. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 155-174.	4.0	110
120	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.	4.0	94
121	Developmental sex differences in resting state functional connectivity of amygdala sub-regions. <i>NeuroImage</i> , 2015, 115, 235-244.	4.2	87
122	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. <i>PLoS ONE</i> , 2014, 9, e91322.	2.5	98
123	Connectotyping: Model Based Fingerprinting of the Functional Connectome. <i>PLoS ONE</i> , 2014, 9, e111048.	2.5	182
124	Unraveling the Miswired Connectome: A Developmental Perspective. <i>Neuron</i> , 2014, 83, 1335-1353.	8.1	299
125	Structural and Functional Rich Club Organization of the Brain in Children and Adults. <i>PLoS ONE</i> , 2014, 9, e88297.	2.5	165
126	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.	7.1	228

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127	Examining mechanisms of brain control of bladder function with resting state functional connectivity MRI. <i>Neurourology and Urodynamics</i> , 2014, 33, 493-501.	1.5	30
128	Emotional Processing and Brain Activity in Youth at High Risk for Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1912-1923.	2.4	47
129	Dietary Omega-3 Fatty Acids Modulate Large-Scale Systems Organization in the Rhesus Macaque Brain. <i>Journal of Neuroscience</i> , 2014, 34, 2065-2074.	3.6	62
130	Subtyping Attention-Deficit/Hyperactivity Disorder Using Temperament Dimensions. <i>JAMA Psychiatry</i> , 2014, 71, 1015.	11.0	278
131	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.	1.8	72
132	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. <i>Molecular Psychiatry</i> , 2014, 19, 659-667.	7.9	1,882
133	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.	3.6	129
134	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.	2.2	24
135	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.	3.6	142
136	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.	1.5	192
137	Functional Reorganization of the Locomotor Network in Parkinson Patients with Freezing of Gait. <i>PLoS ONE</i> , 2014, 9, e100291.	2.5	164
138	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. <i>NeuroImage</i> , 2013, 75, 165-175.	4.2	32
139	Hemispheric lateralization of verbal and spatial working memory during adolescence. <i>Brain and Cognition</i> , 2013, 82, 58-68.	1.8	98
140	Reward circuit connectivity relates to delay discounting in children with attention-deficit/hyperactivity disorder. <i>European Neuropsychopharmacology</i> , 2013, 23, 33-45.	0.7	148
141	Fructose Ingestion and Cerebral, Metabolic, and Satiety Responses. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 85.	7.4	12
142	Attention Deficit Hyperactivity Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 16, 235-266.	1.7	62
143	Distinct neuropsychological subgroups in typically developing youth inform heterogeneity in children with ADHD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6769-6774.	7.1	386
144	Altered Cortico-Striatal-Thalamic Connectivity in Relation to Spatial Working Memory Capacity in Children with ADHD. <i>Frontiers in Psychiatry</i> , 2012, 3, 2.	2.6	93

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145	Functional Brain Network Modularity Captures Inter- and Intra-Individual Variation in Working Memory Capacity. <i>PLoS ONE</i> , 2012, 7, e30468.	2.5	189
146	MR connectomics: a conceptual framework for studying the developing brain. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 43.	2.5	83
147	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.	2.5	390
148	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.	0.5	157
149	Altered fronto-cerebellar connectivity in alcohol-naïve youth with a family history of alcoholism. <i>NeuroImage</i> , 2011, 54, 2582-2589.	4.2	92
150	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.	1.8	80
151	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.	7.1	114
152	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.	1.6	20
153	Maturing thalamocortical functional connectivity across development. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 10.	2.5	134
154	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.	7.1	2,703
155	Atypical Default Network Connectivity in Youth with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 1084-1091.	1.3	315
156	Prediction of Individual Brain Maturity Using fMRI. <i>Science</i> , 2010, 329, 1358-1361.	12.6	1,884
157	The Development of Human Functional Brain Networks. <i>Neuron</i> , 2010, 67, 735-748.	8.1	668
158	Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. <i>Brain</i> , 2009, 132, 225-238.	7.6	262
159	Functional Brain Networks Develop from a "Local to Distributed" Organization. <i>PLoS Computational Biology</i> , 2009, 5, e1000381.	3.2	1,274
160	Task-Evoked BOLD Responses Are Normal in Areas of Diaschisis After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 52-57.	2.9	11
161	A dual-networks architecture of top-down control. <i>Trends in Cognitive Sciences</i> , 2008, 12, 99-105.	7.8	1,597
162	Defining functional areas in individual human brains using resting functional connectivity MRI. <i>NeuroImage</i> , 2008, 41, 45-57.	4.2	541

#	ARTICLE	IF	CITATIONS
163	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.	7.1	1,175
164	Functional Neuroanatomy of Lexical Processing in Children with Cleft Lip and Palate. Plastic and Reconstructive Surgery, 2008, 122, 1371-1382.	1.4	49
165	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.	7.1	2,290
166	A method for using blocked and event-related fMRI data to study "resting state" functional connectivity. NeuroImage, 2007, 35, 396-405.	4.2	522
167	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.	7.1	1,083
168	A Comparison of Analysis of Variance and Correlation Methods for Investigating Cognitive Development With Functional Magnetic Resonance Imaging. Developmental Neuropsychology, 2006, 30, 531-546.	1.4	23
169	fMRI reveals novel functional neuroanatomy in a child with perinatal stroke. Neurology, 2006, 67, 2246-2249.	1.1	32