

Vinod Menon

List of Publications by Year in descending order

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Version: 2024-02-01

195
papers

56,077
citations

3531

90
h-index

2895

190
g-index

203
all docs

203
docs citations

203
times ranked

35272
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural decoding of emotional prosody in voice-sensitive auditory cortex predicts social communication abilities in children. <i>Cerebral Cortex</i> , 2023, 33, 709-728.	2.9	2
2	The role of PFC networks in cognitive control and executive function. <i>Neuropsychopharmacology</i> , 2022, 47, 90-103.	5.4	166
3	Latent brain state dynamics and cognitive flexibility in older adults. <i>Progress in Neurobiology</i> , 2022, 208, 102180.	5.7	10
4	Dopaminergic medication normalizes aberrant cognitive control circuit signalling in Parkinson's disease. <i>Brain</i> , 2022, 145, 4042-4055.	7.6	5
5	Causal dynamics and information flow in parietal-temporal-hippocampal circuits during mental arithmetic revealed by high-temporal resolution human intracranial EEG. <i>Cortex</i> , 2022, 147, 24-40.	2.4	8
6	Mothers adapt their voice during children's adolescent development. <i>Scientific Reports</i> , 2022, 12, 951.	3.3	0
7	Developmental Maturation of Causal Signaling Hubs in Voluntary Control of Saccades and Their Functional Controllability. <i>Cerebral Cortex</i> , 2022, , .	2.9	0
8	Replicable patterns of causal information flow between hippocampus and prefrontal cortex during spatial navigation and spatial verbal memory formation. <i>Cerebral Cortex</i> , 2022, 32, 5343-5361.	2.9	7
9	Electrophysiological foundations of the human default-mode network revealed by intracranial-EEG recordings during resting-state and cognition. <i>NeuroImage</i> , 2022, 250, 118927.	4.2	18
10	Deep learning identifies robust gender differences in functional brain organization and their dissociable links to clinical symptoms in autism. <i>British Journal of Psychiatry</i> , 2022, 220, 202-209.	2.8	23
11	Robust, Generalizable, and Interpretable Artificial Intelligence-Derived Brain Fingerprints of Autism and Social Communication Symptom Severity. <i>Biological Psychiatry</i> , 2022, 92, 643-653.	1.3	11
12	A call for comparing theories of consciousness and data sharing. <i>Behavioral and Brain Sciences</i> , 2022, 45, e47.	0.7	0
13	Foundational Number Sense Training Gains Are Predicted by Hippocampal-Parietal Circuits. <i>Journal of Neuroscience</i> , 2022, 42, 4000-4015.	3.6	5
14	A Neurodevelopmental Shift in Reward Circuitry from Mother's to Nonfamilial Voices in Adolescence. <i>Journal of Neuroscience</i> , 2022, 42, 4164-4173.	3.6	10
15	Methylphenidate remediates aberrant brain network dynamics in children with attention-deficit/hyperactivity disorder: A randomized controlled trial. <i>NeuroImage</i> , 2022, 257, 119332.	4.2	9
16	Inhibition-related modulation of salience and frontoparietal networks predicts cognitive control ability and inattention symptoms in children with ADHD. <i>Molecular Psychiatry</i> , 2021, 26, 4016-4025.	7.9	48
17	Time-Varying Functional Connectivity Decreases as a Function of Acute Nicotine Abstinence. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 459-469.	1.5	3
18	Long-term effects of intermittent early life stress on primate prefrontal-subcortical functional connectivity. <i>Neuropsychopharmacology</i> , 2021, 46, 1348-1356.	5.4	16

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19	Dissociation by Network Integration. American Journal of Psychiatry, 2021, 178, 110-112.	7.2	4
20	Latent brain state dynamics distinguish behavioral variability, impaired decision-making, and inattention. Molecular Psychiatry, 2021, 26, 4944-4957.	7.9	19
21	Neurocognitive modeling of latent memory processes reveals reorganization of hippocampal-cortical circuits underlying learning and efficient strategies. Communications Biology, 2021, 4, 405.	4.4	6
22	Neural representational similarity between symbolic and non-symbolic quantities predicts arithmetic skills in childhood but not adolescence. Developmental Science, 2021, 24, e13123.	2.4	8
23	Aberrant dynamics of cognitive control and motor circuits predict distinct restricted and repetitive behaviors in children with autism. Nature Communications, 2021, 12, 3537.	12.8	18
24	Dynamic causal brain circuits during working memory and their functional controllability. Nature Communications, 2021, 12, 3314.	12.8	37
25	Emerging neurodevelopmental perspectives on mathematical learning. Developmental Review, 2021, 60, 100964.	4.7	17
26	Asymmetric Frequency-Specific Feedforward and Feedback Information Flow between Hippocampus and Prefrontal Cortex during Verbal Memory Encoding and Recall. Journal of Neuroscience, 2021, 41, 8427-8440.	3.6	16
27	Linear and nonlinear profiles of weak behavioral and neural differentiation between numerical operations in children with math learning difficulties. Neuropsychologia, 2021, 160, 107977.	1.6	7
28	mTOR-related synaptic pathology causes autism spectrum disorder-associated functional hyperconnectivity. Nature Communications, 2021, 12, 6084.	12.8	66
29	Brain networks and cognitive impairment in psychiatric disorders. World Psychiatry, 2020, 19, 309-310.	10.4	41
30	Spatiotemporal Integrity and Spontaneous Nonlinear Dynamic Properties of the Salience Network Revealed by Human Intracranial Electrophysiology: A Multicohort Replication. Cerebral Cortex, 2020, 30, 5309-5321.	2.9	30
31	Anxiety and Stress Alter Decision-Making Dynamics and Causal Amygdala-Dorsolateral Prefrontal Cortex Circuits During Emotion Regulation in Children. Biological Psychiatry, 2020, 88, 576-586.	1.3	21
32	Intrinsic functional architecture of the human speech processing network. Cortex, 2020, 129, 41-56.	2.4	10
33	Microstructural organization of human insula is linked to its macrofunctional circuitry and predicts cognitive control. ELife, 2020, 9, .	6.0	52
34	Dysregulated Brain Dynamics in a Triple-Network Saliency Model of Schizophrenia and Its Relation to Psychosis. Biological Psychiatry, 2019, 85, 60-69.	1.3	141
35	Development of Human Emotion Circuits Investigated Using a Big-Data Analytic Approach: Stability, Reliability, and Robustness. Journal of Neuroscience, 2019, 39, 7155-7172.	3.6	32
36	Faster learners transfer their knowledge better: Behavioral, mnemonic, and neural mechanisms of individual differences in children's learning. Developmental Cognitive Neuroscience, 2019, 40, 100719.	4.0	17

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37	F56. Task-Evoked Effective Connectivity in Salience and Central Executive Networks Predicts Cognitive Control Ability and Inattention Symptoms in Children With ADHD. <i>Biological Psychiatry</i> , 2019, 85, S234-S235.	1.3	5
38	Hyperdirect insula-basal-ganglia pathway and adult-like maturity of global brain responses predict inhibitory control in children. <i>Nature Communications</i> , 2019, 10, 4798.	12.8	29
39	Impaired voice processing in reward and salience circuits predicts social communication in children with autism. <i>ELife</i> , 2019, 8, .	6.0	24
40	The visual word form area (VWFA) is part of both language and attention circuitry. <i>Nature Communications</i> , 2019, 10, 5601.	12.8	88
41	Quantitative Analysis of Heterogeneity in Academic Achievement of Children With Autism. <i>Clinical Psychological Science</i> , 2019, 7, 362-380.	4.0	37
42	Mechanisms of interactive specialization and emergence of functional brain circuits supporting cognitive development in children. <i>Npj Science of Learning</i> , 2018, 3, 1.	2.8	49
43	Positive Attitude Toward Math Supports Early Academic Success: Behavioral Evidence and Neurocognitive Mechanisms. <i>Psychological Science</i> , 2018, 29, 390-402.	3.3	70
44	Short-term cognitive training recapitulates hippocampal functional changes associated with one year of longitudinal skill development. <i>Trends in Neuroscience and Education</i> , 2018, 10, 19-29.	3.1	28
45	Aberrant Time-Varying Cross-Network Interactions in Children With Attention-Deficit/Hyperactivity Disorder and the Relation to Attention Deficits. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 263-273.	1.5	39
46	Systems Neuroscience of Mathematical Cognition and Learning. , 2018, , 287-336.		7
47	Uncovering hidden brain state dynamics that regulate performance and decision-making during cognition. <i>Nature Communications</i> , 2018, 9, 2505.	12.8	123
48	Neural signatures of co-occurring reading and mathematical difficulties. <i>Developmental Science</i> , 2018, 21, e12680.	2.4	19
49	The Triple Network Model, Insight, and Large-Scale Brain Organization in Autism. <i>Biological Psychiatry</i> , 2018, 84, 236-238.	1.3	34
50	Dopamine-related dissociation of cortical and subcortical brain activations in cognitively unimpaired Parkinson's disease patients OFF and ON medications. <i>Neuropsychologia</i> , 2018, 119, 24-33.	1.6	12
51	Deficits in mesolimbic reward pathway underlie social interaction impairments in children with autism. <i>Brain</i> , 2018, 141, 2795-2805.	7.6	73
52	Dissociable Fronto-Operculum-Insula Control Signals for Anticipation and Detection of Inhibitory Sensory Cue. <i>Cerebral Cortex</i> , 2017, 27, 4073-4082.	2.9	24
53	Bayesian switching factor analysis for estimating time-varying functional connectivity in fMRI. <i>NeuroImage</i> , 2017, 155, 271-290.	4.2	41
54	The influence of sex and age on prevalence rates of comorbid conditions in autism. <i>Autism Research</i> , 2017, 10, 778-789.	3.8	66

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55	The Default Mode Network in Autism. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 476-486.	1.5	201
56	Distinct influences of affective and cognitive factors on children's non-verbal and verbal mathematical abilities. Cognition, 2017, 166, 118-129.	2.2	26
57	A Neurodevelopmental Perspective on the Role of Memory Systems in Children's Math Learning. , 2016, , 79-107.		1
58	Distinct Global Brain Dynamics and Spatiotemporal Organization of the Salience Network. PLoS Biology, 2016, 14, e1002469.	5.6	388
59	Neural circuits underlying mother's voice perception predict social communication abilities in children. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6295-6300.	7.1	47
60	Compensatory neural mechanisms in cognitively unimpaired Parkinson disease. Annals of Neurology, 2016, 79, 448-463.	5.3	62
61	Reconfiguration of parietal circuits with cognitive tutoring in elementary school children. Cortex, 2016, 83, 231-245.	2.4	33
62	Parietal hyperconnectivity, aberrant brain organization, and circuit-based biomarkers in children with mathematical disabilities. Developmental Science, 2016, 19, 613-631.	2.4	58
63	Working memory in children's math learning and its disruption in dyscalculia. Current Opinion in Behavioral Sciences, 2016, 10, 125-132.	3.9	71
64	Distinctive Role of Symbolic Number Sense in Mediating the Mathematical Abilities of Children with Autism. Journal of Autism and Developmental Disorders, 2016, 46, 1268-1281.	2.7	11
65	Plasticity of left perisylvian white-matter tracts is associated with individual differences in math learning. Brain Structure and Function, 2016, 221, 1337-1351.	2.3	49
66	Heterogeneous and nonlinear development of human posterior parietal cortex function. NeuroImage, 2016, 126, 184-195.	4.2	39
67	Multivariate dynamical systems-based estimation of causal brain interactions in fMRI: Group-level validation using benchmark data, neurophysiological models and human connectome project data. Journal of Neuroscience Methods, 2016, 268, 142-153.	2.5	21
68	Combining optogenetic stimulation and fMRI to validate a multivariate dynamical systems model for estimating causal brain interactions. NeuroImage, 2016, 132, 398-405.	4.2	60
69	Large-scale intrinsic functional network organization along the long axis of the human medial temporal lobe. Brain Structure and Function, 2016, 221, 3237-3258.	2.3	68
70	Insula response and connectivity during social and non-social attention in children with autism. Social Cognitive and Affective Neuroscience, 2016, 11, 433-444.	3.0	80
71	Causal Interactions Within a Frontal-Cingulate-Parietal Network During Cognitive Control: Convergent Evidence from a Multisite Multitask Investigation. Cerebral Cortex, 2016, 26, 2140-2153.	2.9	120
72	Temporal Dynamics and Developmental Maturation of Salience, Default and Central-Executive Network Interactions Revealed by Variational Bayes Hidden Markov Modeling. PLoS Computational Biology, 2016, 12, e1005138.	3.2	70

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73	Sex differences in structural organization of motor systems and their dissociable links with repetitive/restricted behaviors in children with autism. <i>Molecular Autism</i> , 2015, 6, 50.	4.9	106
74	Brain hyperconnectivity and operation-specific deficits during arithmetic problem solving in children with developmental dyscalculia. <i>Developmental Science</i> , 2015, 18, 351-372.	2.4	111
75	Cognitive tutoring induces widespread neuroplasticity and remediates brain function in children with mathematical learning disabilities. <i>Nature Communications</i> , 2015, 6, 8453.	12.8	104
76	Role of the anterior insular cortex in integrative causal signaling during multisensory auditory-visual attention. <i>European Journal of Neuroscience</i> , 2015, 41, 264-274.	2.6	59
77	Sex differences in cortical volume and gyrification in autism. <i>Molecular Autism</i> , 2015, 6, 42.	4.9	75
78	Brain Structural Integrity and Intrinsic Functional Connectivity Forecast 6 Year Longitudinal Growth in Children's Numerical Abilities. <i>Journal of Neuroscience</i> , 2015, 35, 11743-11750.	3.6	85
79	Remediation of Childhood Math Anxiety and Associated Neural Circuits through Cognitive Tutoring. <i>Journal of Neuroscience</i> , 2015, 35, 12574-12583.	3.6	130
80	Development of common neural representations for distinct numerical problems. <i>Neuropsychologia</i> , 2015, 75, 481-495.	1.6	17
81	Development and validation of consensus clustering-based framework for brain segmentation using resting fMRI. <i>Journal of Neuroscience Methods</i> , 2015, 240, 128-140.	2.5	29
82	Brain State Differentiation and Behavioral Inflexibility in Autism. <i>Cerebral Cortex</i> , 2015, 25, 4740-4747.	2.9	104
83	Amygdala Subregional Structure and Intrinsic Functional Connectivity Predicts Individual Differences in Anxiety During Early Childhood. <i>Biological Psychiatry</i> , 2014, 75, 892-900.	1.3	221
84	Dissociable Roles of Right Inferior Frontal Cortex and Anterior Insula in Inhibitory Control: Evidence from Intrinsic and Task-Related Functional Parcellation, Connectivity, and Response Profile Analyses across Multiple Datasets. <i>Journal of Neuroscience</i> , 2014, 34, 14652-14667.	3.6	265
85	Mathematics Achievement and Anxiety and Their Relation to Internalizing and Externalizing Behaviors. <i>Journal of Learning Disabilities</i> , 2014, 47, 503-514.	2.2	78
86	Hippocampal-neocortical functional reorganization underlies children's cognitive development. <i>Nature Neuroscience</i> , 2014, 17, 1263-1269.	14.8	214
87	Brain Organization Underlying Superior Mathematical Abilities in Children with Autism. <i>Biological Psychiatry</i> , 2014, 75, 223-230.	1.3	99
88	Brain Hyperconnectivity in Children with Autism and its Links to Social Deficits. <i>Cell Reports</i> , 2013, 5, 738-747.	6.4	439
89	Neural predictors of individual differences in response to math tutoring in primary-grade school children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8230-8235.	7.1	220
90	Neurobiological Underpinnings of Math and Reading Learning Disabilities. <i>Journal of Learning Disabilities</i> , 2013, 46, 549-569.	2.2	110

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91	Developmental pathways to functional brain networks: emerging principles. Trends in Cognitive Sciences, 2013, 17, 627-640.	7.8	276
92	Multiple components of developmental dyscalculia. Trends in Neuroscience and Education, 2013, 2, 43-47.	3.1	108
93	Visuo-spatial working memory is an important source of domain-general vulnerability in the development of arithmetic cognition. Neuropsychologia, 2013, 51, 2305-2317.	1.6	115
94	Fractionating the neural correlates of individual working memory components underlying arithmetic problem solving skills in children. Developmental Cognitive Neuroscience, 2013, 6, 162-175.	4.0	45
95	Default Mode Network in Childhood Autism: Posteromedial Cortex Heterogeneity and Relationship with Social Deficits. Biological Psychiatry, 2013, 74, 212-219.	1.3	295
96	Inter-subject synchronization of brain responses during natural music listening. European Journal of Neuroscience, 2013, 37, 1458-1469.	2.6	111
97	Estimation of resting-state functional connectivity using random subspace based partial correlation: A novel method for reducing global artifacts. NeuroImage, 2013, 82, 87-100.	4.2	16
98	A parcellation scheme based on von Mises-Fisher distributions and Markov random fields for segmenting brain regions using resting-state fMRI. NeuroImage, 2013, 65, 83-96.	4.2	53
99	Multivariate Activation and Connectivity Patterns Discriminate Speech Intelligibility in Wernicke's, Broca's, and Geschwind's Areas. Cerebral Cortex, 2013, 23, 1703-1714.	2.9	46
100	Salience Network-Based Classification and Prediction of Symptom Severity in Children With Autism. JAMA Psychiatry, 2013, 70, 869.	11.0	510
101	Reconceptualizing functional brain connectivity in autism from a developmental perspective. Frontiers in Human Neuroscience, 2013, 7, 458.	2.0	418
102	Underconnectivity between voice-selective cortex and reward circuitry in children with autism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12060-12065.	7.1	205
103	Developmental Maturation of Dynamic Causal Control Signals in Higher-Order Cognition: A Neurocognitive Network Model. PLoS Computational Biology, 2012, 8, e1002374.	3.2	121
104	Hippocampal-Prefrontal Engagement and Dynamic Causal Interactions in the Maturation of Children's Fact Retrieval. Journal of Cognitive Neuroscience, 2012, 24, 1849-1866.	2.3	107
105	Musical rhythm spectra from Bach to Joplin obey a $1/f$ power law. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3716-3720.	7.1	107
106	Immature integration and segregation of emotion-related brain circuitry in young children. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7941-7946.	7.1	118
107	The Neurodevelopmental Basis of Math Anxiety. Psychological Science, 2012, 23, 492-501.	3.3	216
108	Functional Brain Basis of Hypnotizability. Archives of General Psychiatry, 2012, 69, 1064.	12.3	108

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109	Weak task-related modulation and stimulus representations during arithmetic problem solving in children with developmental dyscalculia. <i>Developmental Cognitive Neuroscience</i> , 2012, 2, S152-S166.	4.0	113
110	Estimation of functional connectivity in fMRI data using stability selection-based sparse partial correlation with elastic net penalty. <i>NeuroImage</i> , 2012, 59, 3852-3861.	4.2	187
111	Beyond Natural Numbers: Negative Number Representation in Parietal Cortex. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 7.	2.0	24
112	Math Anxiety in Second and Third Graders and Its Relation to Mathematics Achievement. <i>Frontiers in Psychology</i> , 2012, 3, 162.	2.1	172
113	Multivariate Searchlight Classification of Structural Magnetic Resonance Imaging in Children and Adolescents with Autism. <i>Biological Psychiatry</i> , 2011, 70, 833-841.	1.3	165
114	What difference does a year of schooling make?. <i>NeuroImage</i> , 2011, 57, 796-808.	4.2	128
115	Large-scale brain networks and psychopathology: a unifying triple network model. <i>Trends in Cognitive Sciences</i> , 2011, 15, 483-506.	7.8	2,937
116	Multivariate dynamical systems models for estimating causal interactions in fMRI. <i>NeuroImage</i> , 2011, 54, 807-823.	4.2	123
117	How does a child solve 7+8? Decoding brain activity patterns associated with counting and retrieval strategies. <i>Developmental Science</i> , 2011, 14, 989-1001.	2.4	85
118	Functional dissociations between four basic arithmetic operations in the human posterior parietal cortex: A cytoarchitectonic mapping study. <i>Neuropsychologia</i> , 2011, 49, 2592-2608.	1.6	117
119	Dynamic Reconfiguration of Structural and Functional Connectivity Across Core Neurocognitive Brain Networks with Development. <i>Journal of Neuroscience</i> , 2011, 31, 18578-18589.	3.6	449
120	Differential electrophysiological response during rest, self-referential, and non-self-referential tasks in human posteromedial cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3023-3028.	7.1	121
121	Decoding Temporal Structure in Music and Speech Relies on Shared Brain Resources but Elicits Different Fine-Scale Spatial Patterns. <i>Cerebral Cortex</i> , 2011, 21, 1507-1518.	2.9	129
122	Typical and atypical development of functional human brain networks: insights from resting-state fMRI. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 21.	2.5	298
123	Saliency, switching, attention and control: a network model of insula function. <i>Brain Structure and Function</i> , 2010, 214, 655-667.	2.3	4,307
124	Developmental cognitive neuroscience of arithmetic: implications for learning and education. <i>ZDM - International Journal on Mathematics Education</i> , 2010, 42, 515-525.	2.2	67
125	Default mode network abnormalities in bipolar disorder and schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 59-68.	1.8	367
126	Introduction to special topic "Resting-state brain activity: implications for systems neuroscience. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	2.5	13

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127	Failure of Anterior Cingulate Activation and Connectivity With the Amygdala During Implicit Regulation of Emotional Processing in Generalized Anxiety Disorder. <i>American Journal of Psychiatry</i> , 2010, 167, 545-554.	7.2	458
128	Dissociable Connectivity within Human Angular Gyrus and Intraparietal Sulcus: Evidence from Functional and Structural Connectivity. <i>Cerebral Cortex</i> , 2010, 20, 2636-2646.	2.9	409
129	Neural Basis of Repetition Priming during Mathematical Cognition: Repetition Suppression or Repetition Enhancement?. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 790-805.	2.3	26
130	Sparse logistic regression for whole-brain classification of fMRI data. <i>NeuroImage</i> , 2010, 51, 752-764.	4.2	242
131	Development of functional and structural connectivity within the default mode network in young children. <i>NeuroImage</i> , 2010, 52, 290-301.	4.2	455
132	Differential contribution of specific working memory components to mathematics achievement in 2nd and 3rd graders. <i>Learning and Individual Differences</i> , 2010, 20, 101-109.	2.7	200
133	Large-scale brain networks in cognition: emerging methods and principles. <i>Trends in Cognitive Sciences</i> , 2010, 14, 277-290.	7.8	1,953
134	Neuroanatomical correlates of developmental dyscalculia: combined evidence from morphometry and tractography. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 51.	2.0	167
135	Resting-State Functional Connectivity Reflects Structural Connectivity in the Default Mode Network. <i>Cerebral Cortex</i> , 2009, 19, 72-78.	2.9	1,915
136	Distinct Cerebellar Contributions to Intrinsic Connectivity Networks. <i>Journal of Neuroscience</i> , 2009, 29, 8586-8594.	3.6	934
137	Symbolic, numeric, and magnitude representations in the parietal cortex. <i>Behavioral and Brain Sciences</i> , 2009, 32, 350-351.	0.7	13
138	Development of Large-Scale Functional Brain Networks in Children. <i>PLoS Biology</i> , 2009, 7, e1000157.	5.6	724
139	Converging evidence for abnormalities of the prefrontal cortex and evaluation of midsagittal structures in pediatric posttraumatic stress disorder: An MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 226-234.	1.8	142
140	At the heart of the ventral attention system: The right anterior insula. <i>Human Brain Mapping</i> , 2009, 30, 2530-2541.	3.6	415
141	The anterior insula in autism: Under-connected and under-examined. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 1198-1203.	6.1	353
142	Combining fMRI with EEG and MEG in order to relate patterns of brain activity to cognition. <i>International Journal of Psychophysiology</i> , 2009, 73, 43-52.	1.0	103
143	Gender differences in the functional and structural neuroanatomy of mathematical cognition. <i>NeuroImage</i> , 2009, 47, 342-352.	4.2	125
144	Development, validation, and comparison of ICA-based gradient artifact reduction algorithms for simultaneous EEG-spiral in/out and echo-planar fMRI recordings. <i>NeuroImage</i> , 2009, 48, 348-361.	4.2	23

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145	Disrupted Amygdalar Subregion Functional Connectivity and Evidence of a Compensatory Network in Generalized Anxiety Disorder. Archives of General Psychiatry, 2009, 66, 1361.	12.3	554
146	Posttraumatic stress symptoms and brain function during a response-inhibition task: an fMRI study in youth. Depression and Anxiety, 2008, 25, 514-526.	4.1	157
147	Persistent default-mode network connectivity during light sedation. Human Brain Mapping, 2008, 29, 839-847.	3.6	502
148	A cross-modal system linking primary auditory and visual cortices: Evidence from intrinsic fMRI connectivity analysis. Human Brain Mapping, 2008, 29, 848-857.	3.6	123
149	A critical role for the right fronto-insular cortex in switching between central-executive and default-mode networks. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12569-12574.	7.1	2,367
150	Standardized Assessment of Strategy Use and Working Memory in Early Mental Arithmetic Performance. Developmental Neuropsychology, 2008, 33, 365-393.	1.4	60
151	Network Analysis of Intrinsic Functional Brain Connectivity in Alzheimer's Disease. PLoS Computational Biology, 2008, 4, e1000100.	3.2	995
152	Dissociable Intrinsic Connectivity Networks for Salience Processing and Executive Control. Journal of Neuroscience, 2007, 27, 2349-2356.	3.6	6,171
153	Neural Dynamics of Event Segmentation in Music: Converging Evidence for Dissociable Ventral and Dorsal Networks. Neuron, 2007, 55, 521-532.	8.1	149
154	Temporal dynamics of basal ganglia response and connectivity during verbal working memory. NeuroImage, 2007, 34, 1253-1269.	4.2	149
155	Resting-State Functional Connectivity in Major Depression: Abnormally Increased Contributions from Subgenual Cingulate Cortex and Thalamus. Biological Psychiatry, 2007, 62, 429-437.	1.3	1,979
156	Reduced parietal and visual cortical activation during global processing in Williams syndrome. Developmental Medicine and Child Neurology, 2007, 49, 433-438.	2.1	40
157	Parietal Attentional System Aberrations During Target Detection in Adolescents With Attention Deficit Hyperactivity Disorder: Event-Related fMRI Evidence. American Journal of Psychiatry, 2006, 163, 1033-1043.	7.2	140
158	Neurofunctional Differences Associated with Arithmetic Processing in Turner Syndrome. Cerebral Cortex, 2006, 16, 849-856.	2.9	66
159	Hippocampal involvement in detection of deviant auditory and visual stimuli. Hippocampus, 2005, 15, 132-139.	1.9	34
160	Combined EEG and fMRI Studies of Human Brain Function. International Review of Neurobiology, 2005, 66, 291-321.	2.0	67
161	White Matter Development During Childhood and Adolescence: A Cross-sectional Diffusion Tensor Imaging Study. Cerebral Cortex, 2005, 15, 1848-1854.	2.9	730
162	The Neural Locus of Temporal Structure and Expectancies in Music: Evidence From Functional Neuroimaging At 3 Tesla. Music Perception, 2005, 22, 563-575.	1.1	42

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163	ICA-based procedures for removing ballistocardiogram artifacts from EEG data acquired in the MRI scanner. <i>NeuroImage</i> , 2005, 24, 50-60.	4.2	253
164	The rewards of music listening: Response and physiological connectivity of the mesolimbic system. <i>NeuroImage</i> , 2005, 28, 175-184.	4.2	801
165	Arithmetic ability and parietal alterations: A diffusion tensor imaging study in Velocardiofacial syndrome. <i>Cognitive Brain Research</i> , 2005, 25, 735-740.	3.0	97
166	Default-mode network activity distinguishes Alzheimer's disease from healthy aging: Evidence from functional MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4637-4642.	7.1	3,282
167	Functional Neuroanatomy of Spatial Orientation Processing in Turner Syndrome. <i>Cerebral Cortex</i> , 2004, 14, 174-180.	2.9	85
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