

# Bradley L Schlaggar

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

28,980  
citations

66250

44  
h-index

78623

77  
g-index

86  
all docs

86  
docs citations

86  
times ranked

24504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	1.6	20
2	Accuracy and reliability of diffusion imaging models. <i>NeuroImage</i> , 2022, 254, 119138.	2.1	13
3	RONC-12. Evaluation of brain network segregation using resting state functional MRI in pediatric brain tumor patients treated with proton beam therapy. <i>Neuro-Oncology</i> , 2022, 24, i179-i179.	0.6	0
4	Cingulo-opercular control network and disused motor circuits joined in standby mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27
5	Brain network reorganisation in an adolescent after bilateral perinatal strokes. <i>Lancet Neurology</i> , 2021, 20, 255-256.	4.9	16
6	Parallel hippocampal-parietal circuits for self- and goal-oriented processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
7	Atypical Functional Connectivity in Tourette Syndrome Differs Between Children and Adults. <i>Biological Psychiatry</i> , 2020, 87, 164-173.	0.7	45
8	A set of functionally-defined brain regions with improved representation of the subcortex and cerebellum. <i>NeuroImage</i> , 2020, 206, 116290.	2.1	143
9	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	3.8	148
10	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	2.1	161
11	Using accelerometry for measurement of motor behavior in children: Relationship of real-world movement to standardized evaluation. <i>Research in Developmental Disabilities</i> , 2020, 96, 103546.	1.2	12
12	Machine Learning With Neuroimaging: Evaluating Its Applications in Psychiatry. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 791-798.	1.1	58
13	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020, 107, 580-589.e6.	3.8	114
14	Hippocampal Volume in Provisional Tic Disorder Predicts Tic Severity at 12-Month Follow-up. <i>Journal of Clinical Medicine</i> , 2020, 9, 1715.	1.0	11
15	Default-mode network streams for coupling to language and control systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17308-17319.	3.3	113
16	The New Tics study: A Novel Approach to Pathophysiology and Cause of Tic Disorders. <i>Journal of Psychiatry and Brain Science</i> , 2020, 5, .	0.3	11
17	Evaluating the Prediction of Brain Maturity From Functional Connectivity After Motion Artifact Denoising. <i>Cerebral Cortex</i> , 2019, 29, 2455-2469.	1.6	73
18	To each, his/her own. <i>Neuro-Oncology</i> , 2019, 21, 1217-1218.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Differences in early auditory exposure across neonatal environments. <i>Early Human Development</i> , 2019, 136, 27-32.	0.8	8
20	Trait-like variants in human functional brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22851-22861.	3.3	153
21	High-fidelity mapping of repetition-related changes in the parietal memory network. <i>NeuroImage</i> , 2019, 199, 427-439.	2.1	10
22	Provisional Tic Disorder is not so transient. <i>Scientific Reports</i> , 2019, 9, 3951.	1.6	37
23	Restricted and Repetitive Behavior and Brain Functional Connectivity in Infants at Risk for Developing Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 50-61.	1.1	53
24	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	3.8	665
25	Behavioral interventions for reducing head motion during MRI scans in children. <i>NeuroImage</i> , 2018, 171, 234-245.	2.1	149
26	Walking, Gross Motor Development, and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2018, 28, 750-763.	1.6	65
27	Prenatal to postnatal trajectory of brain growth in complex congenital heart disease. <i>NeuroImage: Clinical</i> , 2018, 20, 913-922.	1.4	36
28	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	3.8	201
29	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	2.9	113
30	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5-21 year olds. <i>NeuroImage</i> , 2018, 183, 456-468.	2.1	184
31	On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017, 27, 4719-4732.	1.6	403
32	Preparatory Engagement of Cognitive Control Networks Increases Late in Childhood. <i>Cerebral Cortex</i> , 2017, 27, 2139-2153.	1.6	40
33	Cognitive Training for Adults With Bothersome Tinnitus. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 443.	1.2	12
34	Joint Attention and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2017, 27, 1709-1720.	1.6	103
35	Auditory Exposure in the Neonatal Intensive Care Unit: Room Type and Other Predictors. <i>Journal of Pediatrics</i> , 2017, 183, 56-66.e3.	0.9	61
36	Differences in interregional brain connectivity in children with unilateral hearing loss. <i>Laryngoscope</i> , 2017, 127, 2636-2645.	1.1	24

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37	Neural plasticity across the lifespan. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e216.	5.9	58
38	Functional neuroimaging of high-risk 6-month-old infants predicts a diagnosis of autism at 24 months of age. Science Translational Medicine, 2017, 9, .	5.8	264
39	Precision Functional Mapping of Individual Human Brains. Neuron, 2017, 95, 791-807.e7.	3.8	948
40	Postoperative seizure freedom does not normalize altered connectivity in temporal lobe epilepsy. Epilepsia, 2017, 58, 1842-1851.	2.6	15
41	Sex-specific effects of the Huntington gene on normal neurodevelopment. Journal of Neuroscience Research, 2017, 95, 398-408.	1.3	41
42	Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. PLoS ONE, 2017, 12, e0188122.	1.1	51
43	The Fallacy of Univariate Solutions to Complex Systems Problems. Frontiers in Neuroscience, 2016, 10, 267.	1.4	18
44	Prediction of brain maturity in infants using machine-learning algorithms. NeuroImage, 2016, 136, 1-9.	2.1	111
45	Multivariate pattern classification of pediatric Tourette syndrome using functional connectivity <scp>MRI</scp>. Developmental Science, 2016, 19, 581-598.	1.3	60
46	Considerations for MRI study design and implementation in pediatric and clinical populations. Developmental Cognitive Neuroscience, 2016, 18, 101-112.	1.9	110
47	Provisional Tic Disorder: What to tell parents when their child first starts ticcing. F1000Research, 2016, 5, 696.	0.8	55
48	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. Developmental Cognitive Neuroscience, 2015, 12, 123-133.	1.9	51
49	Neuroimaging in Tourette Syndrome: Research Highlights from 2014 to 2015. Current Developmental Disorders Reports, 2015, 2, 300-308.	0.9	36
50	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. Neuron, 2015, 87, 657-670.	3.8	785
51	Clinical Correlates of Parenting Stress in Children with Tourette Syndrome and in Typically Developing Children. Journal of Pediatrics, 2015, 166, 1297-1302.e3.	0.9	26
52	Reward enhances tic suppression in children within months of tic disorder onset. Developmental Cognitive Neuroscience, 2015, 11, 65-74.	1.9	45
53	The VWFA: it's not just for words anymore. Frontiers in Human Neuroscience, 2014, 8, 88.	1.0	101
54	Atypical age-related cortical thinning in episodic migraine. Cephalalgia, 2014, 34, 1115-1124.	1.8	58

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55	Fatal Human Herpesvirus 6â€“Associated Encephalitis in Two Boys With Underlying POLG Mitochondrial Disorders. <i>Pediatric Neurology</i> , 2014, 51, 448-452.	1.0	16
56	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014, 84, 320-341.	2.1	2,881
57	Developmental Changes in the Organization of Functional Connections between the Basal Ganglia and Cerebral Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 5842-5854.	1.7	81
58	Enhanced pain-induced activity of pain-processing regions in a case-control study of episodic migraine. <i>Cephalalgia</i> , 2014, 34, 947-958.	1.8	125
59	Pediatric Tourette syndrome: Insights from recent neuroimaging studies. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2014, 3, 386-393.	0.7	32
60	Separable responses to error, ambiguity, and reaction time in cingulo-opercular task control regions. <i>NeuroImage</i> , 2014, 99, 59-68.	2.1	68
61	The Teenage Brain. <i>Current Directions in Psychological Science</i> , 2013, 22, 101-107.	2.8	11
62	Neurobiology and Functional Anatomy of Tic Disorders. , 2013, , 238-275.		19
63	A pilot study of basal ganglia and thalamus structure by high dimensional mapping in children with Tourette syndrome. <i>F1000Research</i> , 2013, 2, 207.	0.8	5
64	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. <i>NeuroImage</i> , 2012, 59, 2142-2154.	2.1	6,516
65	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.	1.2	390
66	Functional Network Organization of the Human Brain. <i>Neuron</i> , 2011, 72, 665-678.	3.8	3,485
67	Mapping Genetic Influences on Cortical Regionalization. <i>Neuron</i> , 2011, 72, 499-501.	3.8	4
68	Concepts and principles in the analysis of brain networks. <i>Annals of the New York Academy of Sciences</i> , 2011, 1224, 126-146.	1.8	272
69	Individual Brain Maturity: From Electrophysiology to fMRIâ€“Response. <i>Brain Topography</i> , 2011, 24, 189-191.	0.8	2
70	Prediction of Individual Brain Maturity Using fMRI. <i>Science</i> , 2010, 329, 1358-1361.	6.0	1,884
71	A Parcellation Scheme for Human Left Lateral Parietal Cortex. <i>Neuron</i> , 2010, 67, 156-170.	3.8	327
72	Task control signals in pediatric Tourette syndrome show evidence of immature and anomalous functional activity. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 38.	1.0	42

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73	Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. <i>Brain</i> , 2009, 132, 225-238.	3.7	262
74	Functional Neuroimaging Insights Into the Development of Skilled Reading. <i>Current Directions in Psychological Science</i> , 2009, 18, 21-26.	2.8	27
75	A dual-networks architecture of top-down control. <i>Trends in Cognitive Sciences</i> , 2008, 12, 99-105.	4.0	1,597
76	Distinct brain networks for adaptive and stable task control in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11073-11078.	3.3	2,290
77	Development of Neural Systems for Reading. <i>Annual Review of Neuroscience</i> , 2007, 30, 475-503.	5.0	464
78	A Core System for the Implementation of Task Sets. <i>Neuron</i> , 2006, 50, 799-812.	3.8	1,604
79	Functional Neuroanatomical Differences Between Adults and School-Age Children in the Processing of Single Words. <i>Science</i> , 2002, 296, 1476-1479.	6.0	415