# Bradley L Schlaggar

List of Publications by Year
in descending order



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|---|---|---|---|
| 79 papers | 28,980 citations | 57758 44 h-index | 69250 77 g-index |
| 86 all docs | 86 docs citations | 86 times ranked | 21675 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. NeuroImage, 2012, 59, 2142-2154. | 4.2 | 6,516 |
| 2 | Functional Network Organization of the Human Brain. Neuron, 2011, 72, 665-678. | 8.1 | 3,485 |
| 3 | Methods to detect, characterize, and remove motion artifact in resting state fMRI. NeuroImage, 2014, 84, 320-341. | 4.2 | 2,881 |
| 4 | 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 |
| 5 | Prediction of Individual Brain Maturity Using fMRI. Science, 2010, 329, 1358-1361. | 12.6 | 1,884 |
| 6 | A Core System for the Implementation of Task Sets. Neuron, 2006, 50, 799-812. | 8.1 | 1,604 |
| 7 | A dual-networks architecture of top-down control. Trends in Cognitive Sciences, 2008, 12, 99-105. | 7.8 | 1,597 |
| 8 | Precision Functional Mapping of Individual Human Brains. Neuron, 2017, 95, 791-807.e7. | 8.1 | 948 |
| 9 | Functional System and Areal Organization of a Highly Sampled Individual Human Brain. Neuron, 2015, 87, 657-670. | 8.1 | 785 |
| 10 | Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. Neuron, 2018, 98, 439-452.e5. | 8.1 | 665 |
| 11 | Development of Neural Systems for Reading. Annual Review of Neuroscience, 2007, 30, 475-503. | 10.7 | 464 |
| 12 | Functional Neuroanatomical Differences Between Adults and School-Age Children in the Processing of Single Words. Science, 2002, 296, 1476-1479. | 12.6 | 415 |
| 13 | On the Stability of BOLD fMRI Correlations. Cerebral Cortex, 2017, 27, 4719-4732. | 2.9 | 403 |
| 14 | 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. | 2.5 | 390 |
| 15 | A Parcellation Scheme for Human Left Lateral Parietal Cortex. Neuron, 2010, 67, 156-170. | 8.1 | 327 |
| 16 | Concepts and principles in the analysis of brain networks. Annals of the New York Academy of Sciences, 2011, 1224, 126-146. | 3.8 | 272 |
| 17 | Functional neuroimaging of high-risk 6-month-old infants predicts a diagnosis of autism at 24 months of age. Science Translational Medicine, 2017, 9, . | 12.4 | 264 |
| 18 | Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. Brain, 2009, 132, 225-238. | 7.6 | 262 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Spatial and Temporal Organization of the Individual Human Cerebellum. Neuron, 2018, 100, 977-993.e7. | 8.1 | 201 |
| 20 | The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5â€“21 year olds. NeuroImage, 2018, 183, 456-468. | 4.2 | 184 |
| 21 | Correction of respiratory artifacts in MRI head motion estimates. NeuroImage, 2020, 208, 116400. | 4.2 | 161 |
| 22 | Trait-like variants in human functional brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22851-22861. | 7.1 | 153 |
| 23 | Behavioral interventions for reducing head motion during MRI scans in children. NeuroImage, 2018, 171, 234-245. | 4.2 | 149 |
| 24 | Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. Neuron, 2020, 105, 742-758.e6. | 8.1 | 148 |
| 25 | A set of functionally-defined brain regions with improved representation of the subcortex and cerebellum. NeuroImage, 2020, 206, 116290. | 4.2 | 143 |
| 26 | Enhanced pain-induced activity of pain-processing regions in a case-control study of episodic migraine. Cephalalgia, 2014, 34, 947-958. | 3.9 | 125 |
| 27 | Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. Neuron, 2020, 107, 580-589.e6. | 8.1 | 114 |
| 28 | Three Distinct Sets of Connector Hubs Integrate Human Brain Function. Cell Reports, 2018, 24, 1687-1695.e4. | 6.4 | 113 |
| 29 | Default-mode network streams for coupling to language and control systems. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17308-17319. | 7.1 | 113 |
| 30 | Prediction of brain maturity in infants using machine-learning algorithms. NeuroImage, 2016, 136, 1-9. | 4.2 | 111 |
| 31 | Considerations for MRI study design and implementation in pediatric and clinical populations. Developmental Cognitive Neuroscience, 2016, 18, 101-112. | 4.0 | 110 |
| 32 | Joint Attention and Brain Functional Connectivity in Infants and Toddlers. Cerebral Cortex, 2017, 27, 1709-1720. | 2.9 | 103 |
| 33 | The VWFA: it's not just for words anymore. Frontiers in Human Neuroscience, 2014, 8, 88. | 2.0 | 101 |
| 34 | Developmental Changes in the Organization of Functional Connections between the Basal Ganglia and Cerebral Cortex. Journal of Neuroscience, 2014, 34, 5842-5854. | 3.6 | 81 |
| 35 | Evaluating the Prediction of Brain Maturity From Functional Connectivity After Motion Artifact Denoising. Cerebral Cortex, 2019, 29, 2455-2469. | 2.9 | 73 |
| 36 | Separable responses to error, ambiguity, and reaction time in cingulo-opercular task control regions. NeuroImage, 2014, 99, 59-68. | 4.2 | 68 |

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|---|---|---|---|
| 37 | Walking, Gross Motor Development, and Brain Functional Connectivity in Infants and Toddlers. Cerebral Cortex, 2018, 28, 750-763. | 2.9 | 65 |
| 38 | Auditory Exposure in the Neonatal Intensive Care Unit: Room Type and Other Predictors. Journal of Pediatrics, 2017, 183, 56-66.e3. | 1.8 | 61 |
| 39 | Multivariate pattern classification of pediatric Tourette syndrome using functional connectivity <scp>MRI</scp>. Developmental Science, 2016, 19, 581-598. | 2.4 | 60 |
| 40 | Atypical age-related cortical thinning in episodic migraine. Cephalalgia, 2014, 34, 1115-1124. | 3.9 | 58 |
| 41 | Neural plasticity across the lifespan. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e216. | 5.9 | 58 |
| 42 | Machine Learning With Neuroimaging: Evaluating Its Applications in Psychiatry. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 791-798. | 1.5 | 58 |
| 43 | Provisional Tic Disorder: What to tell parents when their child first starts ticcing. F1000Research, 2016, 5, 696. | 1.6 | 55 |
| 44 | Restricted and Repetitive Behavior and Brain Functional Connectivity in Infants at Risk for Developing Autism Spectrum Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 50-61. | 1.5 | 53 |
| 45 | 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. | 4.0 | 51 |
| 46 | Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. PLoS ONE, 2017, 12, e0188122. | 2.5 | 51 |
| 47 | Reward enhances tic suppression in children within months of tic disorder onset. Developmental Cognitive Neuroscience, 2015, 11, 65-74. | 4.0 | 45 |
| 48 | Atypical Functional Connectivity in Tourette Syndrome Differs Between Children and Adults. Biological Psychiatry, 2020, 87, 164-173. | 1.3 | 45 |
| 49 | Task control signals in pediatric Tourette syndrome show evidence of immature and anomalous functional activity. Frontiers in Human Neuroscience, 2009, 3, 38. | 2.0 | 42 |
| 50 | Sexâ€specific effects of the Huntington gene on normal neurodevelopment. Journal of Neuroscience Research, 2017, 95, 398-408. | 2.9 | 41 |
| 51 | Preparatory Engagement of Cognitive Control Networks Increases Late in Childhood. Cerebral Cortex, 2017, 27, 2139-2153. | 2.9 | 40 |
| 52 | Provisional Tic Disorder is not so transient. Scientific Reports, 2019, 9, 3951. | 3.3 | 37 |
| 53 | Neuroimaging in Tourette Syndrome: Research Highlights from 2014 to 2015. Current Developmental Disorders Reports, 2015, 2, 300-308. | 2.1 | 36 |
| 54 | Prenatal to postnatal trajectory of brain growth in complex congenital heart disease. NeuroImage: Clinical, 2018, 20, 913-922. | 2.7 | 36 |

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|---|---|---|---|
| 55 | Pediatric Tourette syndrome: Insights from recent neuroimaging studies. Journal of Obsessive-Compulsive and Related Disorders, 2014, 3, 386-393. | 1.5 | 32 |
| 56 | Parallel hippocampal-parietal circuits for self- and goal-oriented processing. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 32 |
| 57 | Functional Neuroimaging Insights Into the Development of Skilled Reading. Current Directions in Psychological Science, 2009, 18, 21-26. | 5.3 | 27 |
| 58 | Cingulo-opercular control network and disused motor circuits joined in standby mode. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 27 |
| 59 | Clinical Correlates of Parenting Stress in Children with Tourette Syndrome and in Typically Developing Children. Journal of Pediatrics, 2015, 166, 1297-1302.e3. | 1.8 | 26 |
| 60 | Differences in interregional brain connectivity in children with unilateral hearing loss. Laryngoscope, 2017, 127, 2636-2645. | 2.0 | 24 |
| 61 | Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. Cerebral Cortex, 2022, 32, 2868-2884. | 2.9 | 20 |
| 62 | Neurobiology and Functional Anatomy of Tic Disorders. , 2013, , 238-275. | | 19 |
| 63 | The Fallacy of Univariate Solutions to Complex Systems Problems. Frontiers in Neuroscience, 2016, 10, 267. | 2.8 | 18 |
| 64 | Fatal Human Herpesvirus 6â€“Associated Encephalitis in Two Boys With Underlying POLG Mitochondrial Disorders. Pediatric Neurology, 2014, 51, 448-452. | 2.1 | 16 |
| 65 | Brain network reorganisation in an adolescent after bilateral perinatal strokes. Lancet Neurology, The, 2021, 20, 255-256. | 10.2 | 16 |
| 66 | Postoperative seizure freedom does not normalize altered connectivity in temporal lobe epilepsy. Epilepsia, 2017, 58, 1842-1851. | 5.1 | 15 |
| 67 | Accuracy and reliability of diffusion imaging models. NeuroImage, 2022, 254, 119138. | 4.2 | 13 |
| 68 | Cognitive Training for Adults With Bothersome Tinnitus. JAMA Otolaryngology - Head and Neck Surgery, 2017, 143, 443. | 2.2 | 12 |
| 69 | Using accelerometry for measurement of motor behavior in children: Relationship of real-world movement to standardized evaluation. Research in Developmental Disabilities, 2020, 96, 103546. | 2.2 | 12 |
| 70 | The Teenage Brain. Current Directions in Psychological Science, 2013, 22, 101-107. | 5.3 | 11 |
| 71 | Hippocampal Volume in Provisional Tic Disorder Predicts Tic Severity at 12-Month Follow-up. Journal of Clinical Medicine, 2020, 9, 1715. | 2.4 | 11 |
| 72 | The New Tics study: A Novel Approach to Pathophysiology and Cause of Tic Disorders. Journal of Psychiatry and Brain Science, 2020, 5, . | 0.5 | 11 |

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|---|---|---|---|
| 73 | High-fidelity mapping of repetition-related changes in the parietal memory network. NeuroImage, 2019, 199, 427-439. | 4.2 | 10 |
| 74 | Differences in early auditory exposure across neonatal environments. Early Human Development, 2019, 136, 27-32. | 1.8 | 8 |
| 75 | A pilot study of basal ganglia and thalamus structure by high dimensional mapping in children with Tourette syndrome. F1000Research, 2013, 2, 207. | 1.6 | 5 |
| 76 | Mapping Genetic Influences on Cortical Regionalization. Neuron, 2011, 72, 499-501. | 8.1 | 4 |
| 77 | Individual Brain Maturity: From Electrophysiology to fMRIâ€”Response. Brain Topography, 2011, 24, 189-191. | 1.8 | 2 |
| 78 | To each, his/her own. Neuro-Oncology, 2019, 21, 1217-1218. | 1.2 | 1 |
| 79 | RONC-12. Evaluation of brain network segregation using resting state functional MRI in pediatric brain tumor patients treated with proton beam therapy. Neuro-Oncology, 2022, 24, i179-i179. | 1.2 | 0 |