Eric A Earl

List of Publications by Year
in descending order

39	4,962	394421	315739
papers	citations	19 h-index	38 g-index

52	52	52	5816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. Developmental Cognitive Neuroscience, 2018, 32, 43-54.	4.0	1,282
2	Reproducible brain-wide association studies require thousands of individuals. Nature, 2022, 603, 654-660.	27.8	842
3	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.	4.2	539
4	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	7.1	299
5	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	7.2	261
6	Real-time motion analytics during brain MRI improve data quality and reduce costs. NeuroImage, 2017, 161, 80-93.	4.2	221
7	Correction of respiratory artifacts in MRI head motion estimates. NeuroImage, 2020, 208, 116400.	4.2	161
8	Behavioral interventions for reducing head motion during MRI scans in children. NeuroImage, 2018, 171, 234-245.	4.2	149
9	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. Nature Methods, 2021, 18, 775-778.	19.0	127
10	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	7.2	120
11	High-Resolution Steady-State Cerebral Blood Volume Maps in Patients with Central Nervous System Neoplasms Using Ferumoxytol, a Superparamagnetic Iron Oxide Nanoparticle. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 780-786.	4.3	94
12	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. Developmental Cognitive Neuroscience, 2019, 40, 100706.	4.0	86
13	Postnatal Zika virus infection is associated with persistent abnormalities in brain structure, function, and behavior in infant macaques. Science Translational Medicine, 2018, 10, .	12.4	75
14	Behavioral and Neural Signatures of Working Memory in Childhood. Journal of Neuroscience, 2020, 40, 5090-5104.	3.6	50
15	ADHD and attentional control: Impaired segregation of task positive and task negative brain networks. Network Neuroscience, 2018, 2, 200-217.	2.6	46
16	Delineating the Macroscale Areal Organization of the Macaque Cortex InÂVivo. Cell Reports, 2018, 23, 429-441.	6.4	42
17	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	5.2	40
18	Long-term alterations in brain and behavior after postnatal Zika virus infection in infant macaques. Nature Communications, 2020, 11, 2534.	12.8	38

#	Article	IF	Citations
19	Comparing directed functional connectivity between groups with confirmatory subgrouping GIMME. NeuroImage, 2019, 188, 642-653.	4.2	26
20	Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. Developmental Cognitive Neuroscience, 2018, 34, 101-113.	4.0	25
21	Reduced fronto-amygdalar connectivity in adolescence is associated with increased depression symptoms over time. Psychiatry Research - Neuroimaging, 2017, 266, 35-41.	1.8	24
22	Correlated Gene Expression and Anatomical Communication Support Synchronized Brain Activity in the Mouse Functional Connectome. Journal of Neuroscience, 2018, 38, 5774-5787.	3.6	23
23	Developmental outcomes of early adverse care on amygdala functional connectivity in nonhuman primates. Development and Psychopathology, 2020, 32, 1579-1596.	2.3	20
24	Preclinical Development of a Prophylactic Neuroprotective Therapy for the Preventive Treatment of Anticipated Ischemia-Reperfusion Injury. Translational Stroke Research, 2017, 8, 322-333.	4.2	18
25	Diet matters: Glucocorticoid-related neuroadaptations associated with calorie intake in female rhesus monkeys. Psychoneuroendocrinology, 2018, 91, 169-178.	2.7	18
26	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. Cerebral Cortex, 2020, 30, 1573-1585.	2.9	17
27	Reproducibility in the absence of selective reporting: AnÂillustration from largeâ€scale brain asymmetry research. Human Brain Mapping, 2022, 43, 244-254.	3.6	16
28	Early Developmental Trajectories of Functional Connectivity Along the Visual Pathways in Rhesus Monkeys. Cerebral Cortex, 2019, 29, 3514-3526.	2.9	14
29	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1140-1149.	5.2	14
30	Polygenic Risk Scoreâ€“Derived Subcortical Connectivity Mediates Attention-Deficit/Hyperactivity Disorder Diagnosis. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 330-341.	1.5	13
31	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. NeuroImage, 2022, 247, 118838.	4.2	9
32	Chronic psychosocial stress and experimental pubertal delay affect socioemotional behavior and amygdala functional connectivity in adolescent female rhesus macaques. Psychoneuroendocrinology, 2021, 127, 105154.	2.7	8
33	Obesogenic diet-associated C-reactive protein predicts reduced central dopamine and corticostriatal functional connectivity in female rhesus monkeys. Brain, Behavior, and Immunity, 2020, 88, 166-173.	4.1	7
34	Real-time motion monitoring improves functional MRI data quality in infants. Developmental Cognitive Neuroscience, 2022, 55, 101116.	4.0	7
35	Resting-state functional connectivity identifies individuals and predicts age in 8-to-26-month-olds. Developmental Cognitive Neuroscience, 2022, 56, 101123.	4.0	7
36	Changes in Spontaneous Activity Assessed by Accelerometry Correlate with Extent of Cerebral Ischemia-Reperfusion Injury in the Nonhuman Primate. Translational Stroke Research, 2012, 3, 442-451.	4.2	6

#	Article	IF	Citations
37	An open-access accelerated adult equivalent of the ABCD Study neuroimaging dataset (a-ABCD). NeuroImage, 2022, 255, 119215.	4.2	2
38	Brain Development During Adolescence in Male Rhesus Macaques: The Role of Puberty. Biological Psychiatry, 2021, 89, S291.	1.3	0
39	Maternal Immune Activation in Macaques Associated With Alterations in Functional Brain Connectivity. Biological Psychiatry, 2021, 89, S174-S175.	1.3	0