

Oscar Miranda-Dominguez

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,906
citations

394421

19
h-index

315739

38
g-index

54
all docs

54
docs citations

54
times ranked

4574
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducible brain-wide association studies require thousands of individuals. <i>Nature</i> , 2022, 603, 654-660.	27.8	842
2	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
3	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
4	The Heterogeneity Problem: Approaches to Identify Psychiatric Subtypes. <i>Trends in Cognitive Sciences</i> , 2019, 23, 584-601.	7.8	229
5	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
6	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	4.2	221
7	Connectotyping: Model Based Fingerprinting of the Functional Connectome. <i>PLoS ONE</i> , 2014, 9, e111048.	2.5	182
8	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
9	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
10	Subtyping cognitive profiles in Autism Spectrum Disorder using a Functional Random Forest algorithm. <i>NeuroImage</i> , 2018, 172, 674-688.	4.2	120
11	Heritability of the human connectome: A connectotyping study. <i>Network Neuroscience</i> , 2018, 2, 175-199.	2.6	94
12	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2018, 374, 119-132.	2.3	91
13	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	4.0	86
14	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
15	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
16	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
17	Delineating the Macroscale Areal Organization of the Macaque Cortex In Vivo. <i>Cell Reports</i> , 2018, 23, 429-441.	6.4	42
18	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

#	ARTICLE	IF	CITATIONS
19	Firing rate control of a neuron using a linear proportional-integral controller. <i>Journal of Neural Engineering</i> , 2010, 7, 066004.	3.5	25
20	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
21	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
22	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
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	Diet matters: Glucocorticoid-related neuroadaptations associated with calorie intake in female rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2018, 91, 169-178.	2.7	18
25	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. <i>Cerebral Cortex</i> , 2020, 30, 1573-1585.	2.9	17
26	Early Developmental Trajectories of Functional Connectivity Along the Visual Pathways in Rhesus Monkeys. <i>Cerebral Cortex</i> , 2019, 29, 3514-3526.	2.9	14
27	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
28	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
29	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
30	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. <i>NeuroImage</i> , 2022, 247, 118838.	4.2	9
31	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
32	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
33	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
34	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
35	Parameterized phase response curves for characterizing neuronal behaviors under transient conditions. <i>Journal of Neurophysiology</i> , 2013, 109, 2306-2316.	1.8	6
36	Relationship Between Brain Volumes and Objective Balance and Gait Measures in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, 283-294.	2.8	5

#	ARTICLE	IF	CITATIONS
37	Firing rate control of a neuron using a linear Proportional-Integral (PI) controller. BMC Neuroscience, 2010, 11, .	1.9	1
38	Maternal Immune Activation in Macaques Associated With Alterations in Functional Brain Connectivity. Biological Psychiatry, 2021, 89, S174-S175.	1.3	0
39	Target identification for Transcranial Magnetic Stimulation (TMS) using precision mapping. Brain Stimulation, 2021, 14, 1666.	1.6	0