

Scott Marek

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,337
citations

471509

17
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

3624
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	The frontoparietal network: function, electrophysiology, and importance of individual precision mapping. <i>Dialogues in Clinical Neuroscience</i> , 2018, 20, 133-140.	3.7	458
3	An Integrative Model of the Maturation of Cognitive Control. <i>Annual Review of Neuroscience</i> , 2015, 38, 151-170.	10.7	339
4	The Contribution of Network Organization and Integration to the Development of Cognitive Control. <i>PLoS Biology</i> , 2015, 13, e1002328.	5.6	250
5	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	8.1	201
6	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	8.1	148
7	A set of functionally-defined brain regions with improved representation of the subcortex and cerebellum. <i>NeuroImage</i> , 2020, 206, 116290.	4.2	143
8	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020, 107, 580-589.e6.	8.1	114
9	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.	7.1	113
10	Individual-specific functional connectivity of the amygdala: A substrate for precision psychiatry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3808-3818.	7.1	96
11	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	4.0	86
12	Shared and unique brain network features predict cognitive, personality, and mental health scores in the ABCD study. <i>Nature Communications</i> , 2022, 13, 2217.	12.8	67
13	Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020, 30, 1716-1734.	2.9	48
14	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, .	7.1	32
15	Development of Network Topology and Functional Connectivity of the Prefrontal Cortex. <i>Cerebral Cortex</i> , 2020, 30, 2489-2505.	2.9	29
16	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, .	7.1	27
17	Adolescent development of cortical oscillations: Power, phase, and support of cognitive maturation. <i>PLoS Biology</i> , 2018, 16, e2004188.	5.6	25
18	Control networks of the frontal lobes. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 163, 333-347.	1.8	20

#	ARTICLE	IF	CITATIONS
19	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	2.9	20
20	Brain network reorganisation in an adolescent after bilateral perinatal strokes. <i>Lancet Neurology</i> , The, 2021, 20, 255-256.	10.2	16
21	Characteristics of Weight Loss Trajectories in a Comprehensive Lifestyle Intervention. <i>Obesity</i> , 2017, 25, 2062-2067.	3.0	13
22	Accuracy and reliability of diffusion imaging models. <i>NeuroImage</i> , 2022, 254, 119138.	4.2	13
23	Precision functional mapping of the subcortex and cerebellum. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 12-18.	3.9	10
24	Girls' brain structural connectivity in late adolescence relates to history of depression symptoms. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 1224-1233.	5.2	4
25	A Prospective Evaluation of Infant Cerebellar-Cerebral Functional Connectivity in Relation to Behavioral Development in Autism Spectrum Disorder. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 149-161.	2.2	3
26	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2