

Timothy O Laumann

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

19,134
citations

109321

35
h-index

233421

45
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50
all docs

50
docs citations

50
times ranked

14127
citing authors

#	ARTICLE	IF	CITATIONS
1	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	2.9	20
2	Reproducible brain-wide association studies require thousands of individuals. <i>Nature</i> , 2022, 603, 654-660.	27.8	842
3	Accuracy and reliability of diffusion imaging models. <i>NeuroImage</i> , 2022, 254, 119138.	4.2	13
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, .	7.1	27
5	Brain network reorganisation in an adolescent after bilateral perinatal strokes. <i>Lancet Neurology</i> , The, 2021, 20, 255-256.	10.2	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, .	7.1	32
7	Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020, 30, 1716-1734.	2.9	48
8	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020, 88, 28-39.	1.3	109
9	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
10	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
11	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020, 107, 580-589.e6.	8.1	114
12	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
13	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
14	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
15	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.	7.1	153
16	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	4.0	86
17	High-fidelity mapping of repetition-related changes in the parietal memory network. <i>NeuroImage</i> , 2019, 199, 427-439.	4.2	10
18	Individualized Connectome-Targeted Transcranial Magnetic Stimulation for Neuropsychiatric Sequelae of Repetitive Traumatic Brain Injury in a Retired NFL Player. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 254-263.	1.8	29

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19	Repetitive Transcranial Magnetic Stimulation with Resting-State Network Targeting for Treatment-Resistant Depression in Traumatic Brain Injury: A Randomized, Controlled, Double-Blinded Pilot Study. <i>Journal of Neurotrauma</i> , 2019, 36, 1361-1374.	3.4	77
20	Reward-related regions form a preferentially coupled system at rest. <i>Human Brain Mapping</i> , 2019, 40, 361-376.	3.6	23
21	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	8.1	665
22	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. <i>Cerebral Cortex</i> , 2018, 28, 3095-3114.	2.9	1,804
23	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	8.1	201
24	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	6.4	113
25	Individual Variability of the System-Level Organization of the Human Brain. <i>Cerebral Cortex</i> , 2017, 27, bhv239.	2.9	166
26	On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017, 27, 4719-4732.	2.9	403
27	Interpreting temporal fluctuations in resting-state functional connectivity MRI. <i>NeuroImage</i> , 2017, 163, 437-455.	4.2	234
28	On Global fMRI Signals and Simulations. <i>Trends in Cognitive Sciences</i> , 2017, 21, 911-913.	7.8	66
29	Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017, 95, 791-807.e7.	8.1	948
30	Sources and implications of whole-brain fMRI signals in humans. <i>NeuroImage</i> , 2017, 146, 609-625.	4.2	446
31	Data Quality Influences Observed Links Between Functional Connectivity and Behavior. <i>Cerebral Cortex</i> , 2017, 27, 4492-4502.	2.9	246
32	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017, 146, 918-939.	4.2	195
33	Evaluation of Denoising Strategies to Address Motion-Related Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. <i>Brain Connectivity</i> , 2016, 6, 669-680.	1.7	226
34	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. <i>Cell Reports</i> , 2016, 17, 1276-1288.	6.4	128
35	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. <i>Cerebral Cortex</i> , 2016, 26, 288-303.	2.9	1,132
36	Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , 2015, 6, 8885.	12.8	353

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37	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. <i>Neuron</i> , 2015, 87, 657-670.	8.1	785
38	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014, 84, 320-341.	4.2	2,881
39	Developmental Changes in the Organization of Functional Connections between the Basal Ganglia and Cerebral Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 5842-5854.	3.6	81
40	An approach for parcellating human cortical areas using resting-state correlations. <i>NeuroImage</i> , 2014, 93, 276-291.	4.2	167
41	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 144-168.	4.2	1,367
42	Resting state network estimation in individual subjects. <i>NeuroImage</i> , 2013, 82, 616-633.	4.2	226
43	Functional Network Organization of the Human Brain. <i>Neuron</i> , 2011, 72, 665-678.	8.1	3,485
44	Informatics and Data Mining Tools and Strategies for the Human Connectome Project. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 4.	2.5	484