Timothy O Laumann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2599647/publications.pdf

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44	19,134	109321 35	233421 45
papers	citations	h-index	g-index

50	50	50	14127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional Network Organization of the Human Brain. Neuron, 2011, 72, 665-678.	8.1	3,485
2	Methods to detect, characterize, and remove motion artifact in resting state fMRI. NeuroImage, 2014, 84, 320-341.	4.2	2,881
3	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. Cerebral Cortex, 2018, 28, 3095-3114.	2.9	1,804
4	Resting-state fMRI in the Human Connectome Project. NeuroImage, 2013, 80, 144-168.	4.2	1,367
5	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. Cerebral Cortex, 2016, 26, 288-303.	2.9	1,132
6	Precision Functional Mapping of Individual Human Brains. Neuron, 2017, 95, 791-807.e7.	8.1	948
7	Reproducible brain-wide association studies require thousands of individuals. Nature, 2022, 603, 654-660.	27.8	842
8	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. Neuron, 2015, 87, 657-670.	8.1	785
9	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
10	Informatics and Data Mining Tools and Strategies for the Human Connectome Project. Frontiers in Neuroinformatics, 2011, 5, 4.	2.5	484
11	Sources and implications of whole-brain fMRI signals in humans. NeuroImage, 2017, 146, 609-625.	4.2	446
12	On the Stability of BOLD fMRI Correlations. Cerebral Cortex, 2017, 27, 4719-4732.	2.9	403
13	Long-term neural and physiological phenotyping of a single human. Nature Communications, 2015, 6, 8885.	12.8	353
14	Data Quality Influences Observed Links Between Functional Connectivity and Behavior. Cerebral Cortex, 2017, 27, 4492-4502.	2.9	246
15	Interpreting temporal fluctuations in resting-state functional connectivity MRI. NeuroImage, 2017, 163, 437-455.	4.2	234
16	Resting state network estimation in individual subjects. NeuroImage, 2013, 82, 616-633.	4.2	226
17	Evaluation of Denoising Strategies to Address Motion-Correlated Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. Brain Connectivity, 2016, 6, 669-680.	1.7	226
18	Spatial and Temporal Organization of the Individual Human Cerebellum. Neuron, 2018, 100, 977-993.e7.	8.1	201

#	Article	IF	Citations
19	Individual-specific features of brain systems identified with resting state functional correlations. NeuroImage, 2017, 146, 918-939.	4.2	195
20	An approach for parcellating human cortical areas using resting-state correlations. NeuroImage, 2014, 93, 276-291.	4.2	167
21	Individual Variability of the System-Level Organization of the Human Brain. Cerebral Cortex, 2017, 27, bhv239.	2.9	166
22	Correction of respiratory artifacts in MRI head motion estimates. NeuroImage, 2020, 208, 116400.	4.2	161
23	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
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	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. Cell Reports, 2016, 17, 1276-1288.	6.4	128
26	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. Neuron, 2020, 107, 580-589.e6.	8.1	114
27	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. Cell Reports, 2018, 24, 1687-1695.e4.	6.4	113
28	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
29	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. Biological Psychiatry, 2020, 88, 28-39.	1.3	109
30	Individual-specific functional connectivity of the amygdala: A substrate for precision psychiatry. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3808-3818.	7.1	96
31	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. Developmental Cognitive Neuroscience, 2019, 40, 100706.	4.0	86
32	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
33	Repetitive Transcranial Magnetic Stimulation with Resting-State Network Targeting for Treatment-Resistant Depression in Traumatic Brain Injury: A Randomized, Controlled, Double-Blinded Pilot Study. Journal of Neurotrauma, 2019, 36, 1361-1374.	3.4	77
34	On Global fMRI Signals and Simulations. Trends in Cognitive Sciences, 2017, 21, 911-913.	7.8	66
35	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. NeuroImage, 2020, 217, 116866.	4.2	62
36	Organization of Propagated Intrinsic Brain Activity in Individual Humans. Cerebral Cortex, 2020, 30, 1716-1734.	2.9	48

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37	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
38	Individualized Connectome-Targeted Transcranial Magnetic Stimulation for Neuropsychiatric Sequelae of Repetitive Traumatic Brain Injury in a Retired NFL Player. Journal of Neuropsychiatry and Clinical Neurosciences, 2019, 31, 254-263.	1.8	29
39	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
40	Rewardâ€related regions form a preferentially coupled system at rest. Human Brain Mapping, 2019, 40, 361-376.	3.6	23
41	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. Cerebral Cortex, 2022, 32, 2868-2884.	2.9	20
42	Brain network reorganisation in an adolescent after bilateral perinatal strokes. Lancet Neurology, The, 2021, 20, 255-256.	10.2	16
43	Accuracy and reliability of diffusion imaging models. NeuroImage, 2022, 254, 119138.	4.2	13
44	High-fidelity mapping of repetition-related changes in the parietal memory network. NeuroImage, 2019, 199, 427-439.	4.2	10