

# Timothy O Laumann

## List of Publications by Year in descending order

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

Version: 2024-02-01

44  
papers

19,134  
citations

125106

35  
h-index

263392

45  
g-index

50  
all docs

50  
docs citations

50  
times ranked

15989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Network Organization of the Human Brain. <i>Neuron</i> , 2011, 72, 665-678.	3.8	3,485
2	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014, 84, 320-341.	2.1	2,881
3	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. <i>Cerebral Cortex</i> , 2018, 28, 3095-3114.	1.6	1,804
4	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 144-168.	2.1	1,367
5	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. <i>Cerebral Cortex</i> , 2016, 26, 288-303.	1.6	1,132
6	Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017, 95, 791-807.e7.	3.8	948
7	Reproducible brain-wide association studies require thousands of individuals. <i>Nature</i> , 2022, 603, 654-660.	13.7	842
8	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. <i>Neuron</i> , 2015, 87, 657-670.	3.8	785
9	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	3.8	665
10	Informatics and Data Mining Tools and Strategies for the Human Connectome Project. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 4.	1.3	484
11	Sources and implications of whole-brain fMRI signals in humans. <i>NeuroImage</i> , 2017, 146, 609-625.	2.1	446
12	On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017, 27, 4719-4732.	1.6	403
13	Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , 2015, 6, 8885.	5.8	353
14	Data Quality Influences Observed Links Between Functional Connectivity and Behavior. <i>Cerebral Cortex</i> , 2017, 27, 4492-4502.	1.6	246
15	Interpreting temporal fluctuations in resting-state functional connectivity MRI. <i>NeuroImage</i> , 2017, 163, 437-455.	2.1	234
16	Resting state network estimation in individual subjects. <i>NeuroImage</i> , 2013, 82, 616-633.	2.1	226
17	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.	0.8	226
18	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	3.8	201

#	ARTICLE	IF	CITATIONS
19	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017, 146, 918-939.	2.1	195
20	An approach for parcellating human cortical areas using resting-state correlations. <i>NeuroImage</i> , 2014, 93, 276-291.	2.1	167
21	Individual Variability of the System-Level Organization of the Human Brain. <i>Cerebral Cortex</i> , 2017, 27, bhv239.	1.6	166
22	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	2.1	161
23	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.	3.3	153
24	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	3.8	148
25	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. <i>Cell Reports</i> , 2016, 17, 1276-1288.	2.9	128
26	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020, 107, 580-589.e6.	3.8	114
27	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	2.9	113
28	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.	3.3	113
29	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020, 88, 28-39.	0.7	109
30	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.	3.3	96
31	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	1.9	86
32	Developmental Changes in the Organization of Functional Connections between the Basal Ganglia and Cerebral Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 5842-5854.	1.7	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. <i>Journal of Neurotrauma</i> , 2019, 36, 1361-1374.	1.7	77
34	On Global fMRI Signals and Simulations. <i>Trends in Cognitive Sciences</i> , 2017, 21, 911-913.	4.0	66
35	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , 2020, 217, 116866.	2.1	62
36	Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020, 30, 1716-1734.	1.6	48

#	ARTICLE	IF	CITATIONS
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, .	3.3	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.	0.9	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, .	3.3	27
40	Reward-related regions form a preferentially coupled system at rest. Human Brain Mapping, 2019, 40, 361-376.	1.9	23
41	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. Cerebral Cortex, 2022, 32, 2868-2884.	1.6	20
42	Brain network reorganisation in an adolescent after bilateral perinatal strokes. Lancet Neurology, The, 2021, 20, 255-256.	4.9	16
43	Accuracy and reliability of diffusion imaging models. NeuroImage, 2022, 254, 119138.	2.1	13
44	High-fidelity mapping of repetition-related changes in the parietal memory network. NeuroImage, 2019, 199, 427-439.	2.1	10