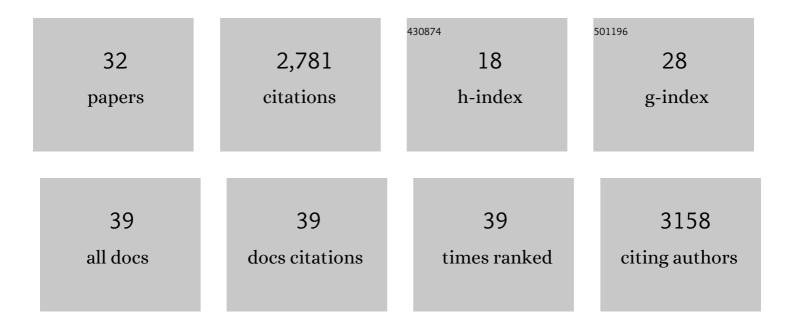
Xiao Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Time-varying functional network information extracted from brief instances of spontaneous brain activity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4392-4397.	7.1	596
2	EEG correlates of time-varying BOLD functional connectivity. NeuroImage, 2013, 72, 227-236.	4.2	299
3	Tracking brain arousal fluctuations with fMRI. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4518-4523.	7.1	269
4	Quantitative imaging of energy expenditure in human brain. NeuroImage, 2012, 60, 2107-2117.	4.2	206
5	Subcortical evidence for a contribution of arousal to fMRI studies of brain activity. Nature Communications, 2018, 9, 395.	12.8	174
6	Decomposition of spontaneous brain activity into distinct fMRI co-activation patterns. Frontiers in Systems Neuroscience, 2013, 7, 101.	2.5	171
7	Neural Origin of Spontaneous Hemodynamic Fluctuations in Rats under Burst-Suppression Anesthesia Condition. Cerebral Cortex, 2011, 21, 374-384.	2.9	157
8	Co-activation patterns in resting-state fMRI signals. NeuroImage, 2018, 180, 485-494.	4.2	141
9	Dynamic resting state functional connectivity in awake and anesthetized rodents. NeuroImage, 2015, 104, 89-99.	4.2	126
10	The Change of Functional Connectivity Specificity in Rats Under Various Anesthesia Levels and its Neural Origin. Brain Topography, 2013, 26, 363-377.	1.8	99
11	A correlation-matrix-based hierarchical clustering method for functional connectivity analysis. Journal of Neuroscience Methods, 2012, 211, 94-102.	2.5	72
12	Arousal transitions in sleep, wakefulness, and anesthesia are characterized by an orderly sequence of cortical events. NeuroImage, 2015, 116, 222-231.	4.2	59
13	Reduced coupling between cerebrospinal fluid flow and global brain activity is linked to Alzheimer disease–related pathology. PLoS Biology, 2021, 19, e3001233.	5.6	44
14	Brain Activity Fluctuations Propagate as Waves Traversing the Cortical Hierarchy. Cerebral Cortex, 2021, 31, 3986-4005.	2.9	43
15	Baseline BOLD correlation predicts individuals' stimulus-evoked BOLD responses. NeuroImage, 2011, 54, 2278-2286.	4.2	41
16	Co-Regularized Deep Multi-Network Embedding. , 2018, , .		35
17	Robust Long-Range Coordination of Spontaneous Neural Activity in Waking, Sleep and Anesthesia. Cerebral Cortex, 2015, 25, 2929-2938.	2.9	33
18	Spatio-Temporal Attentive RNN for Node Classification in Temporal Attributed Graphs. , 2019, , .		30

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#	Article	IF	CITATIONS
19	Decoupling of Global Brain Activity and Cerebrospinal Fluid Flow in Parkinson's Disease Cognitive Decline. Movement Disorders, 2021, 36, 2066-2076.	3.9	26
20	The measurement of shear modulus and membrane surface viscosity of RBC membrane with Ektacytometry: A new technique. Mathematical Biosciences, 2007, 209, 190-204.	1.9	23
21	Transient Arousal Modulations Contribute to Resting-State Functional Connectivity Changes Associated with Head Motion Parameters. Cerebral Cortex, 2020, 30, 5242-5256.	2.9	20
22	All-night functional magnetic resonance imaging sleep studies. Journal of Neuroscience Methods, 2019, 316, 83-98.	2.5	19
23	Arousal Contributions to Resting-State fMRI Connectivity and Dynamics. Frontiers in Neuroscience, 2019, 13, 1190.	2.8	17
24	Biophysical Studies on the Differentiation of Human CD14 ⁺ Monocytes Into Dendritic Cells. Cell Biochemistry and Biophysics, 2006, 45, 19-30.	1.8	16
25	Single-neuron firing cascades underlie global spontaneous brain events. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
26	Adaptive Neural Network for Node Classification in Dynamic Networks. , 2019, , .		10
27	A Neurophysiological Event of Arousal Modulation May Underlie fMRI-EEG Correlations. Frontiers in Neuroscience, 2019, 13, 823.	2.8	9
28	Neuroimaging contrast across the cortical hierarchy is the feature maximally linked to behavior and demographics. NeuroImage, 2020, 215, 116853.	4.2	8
29	Functional MRI study of brain function under resting and activated states. , 2009, 2009, 4061-3.		3
30	Ryanodine receptor 1 mediates Ca2+ transport and influences the biomechanical properties in RBCs. Journal of Biomechanics, 2009, 42, 2774-2779.	2.1	2
31	Distinction in Coherent Neural Network Between Resting and Working Brain States. Brain Connectivity, 2011, 1, 377-388.	1.7	2
32	Study of Brain Bioenergetics and Function Using In Vivo MRS. Biological Magnetic Resonance, 2015, , 819-864.	0.4	1