

Jack J Lin

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,826
citations

257101

24
h-index

264894

42
g-index

53
all docs

53
docs citations

53
times ranked

3831
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering the neurobehavioural comorbidities of epilepsy over the lifespan. <i>Lancet, The</i> , 2012, 380, 1180-1192.	6.3	366
2	Neural Mechanisms of Sustained Attention Are Rhythmic. <i>Neuron</i> , 2018, 99, 854-865.e5.	3.8	330
3	An electrophysiological marker of arousal level in humans. <i>ELife</i> , 2020, 9, .	2.8	194
4	Direct brain recordings reveal hippocampal rhythm underpinnings of language processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11366-11371.	3.3	160
5	Bidirectional prefrontal-hippocampal dynamics organize information transfer during sleep in humans. <i>Nature Communications</i> , 2019, 10, 3572.	5.8	149
6	Integrated analysis of anatomical and electrophysiological human intracranial data. <i>Nature Protocols</i> , 2018, 13, 1699-1723.	5.5	130
7	Amygdala-hippocampal dynamics during salient information processing. <i>Nature Communications</i> , 2017, 8, 14413.	5.8	128
8	The brain connectome as a personalized biomarker of seizure outcomes after temporal lobectomy. <i>Neurology</i> , 2015, 84, 1846-1853.	1.5	122
9	Gender bias in academia: A lifetime problem that needs solutions. <i>Neuron</i> , 2021, 109, 2047-2074.	3.8	106
10	Vulnerability of the frontal-temporal connections in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008, 82, 162-170.	0.8	89
11	Extracting kinetic information from human motor cortical signals. <i>NeuroImage</i> , 2014, 101, 695-703.	2.1	84
12	Default network and frontoparietal control network theta connectivity supports internal attention. <i>Nature Human Behaviour</i> , 2019, 3, 1263-1270.	6.2	77
13	Multiplexing of Theta and Alpha Rhythms in the Amygdala-Hippocampal Circuit Supports Pattern Separation of Emotional Information. <i>Neuron</i> , 2019, 102, 887-898.e5.	3.8	77
14	Dynamic frontotemporal systems process space and time in working memory. <i>PLoS Biology</i> , 2018, 16, e2004274.	2.6	73
15	Rapid tuning shifts in human auditory cortex enhance speech intelligibility. <i>Nature Communications</i> , 2016, 7, 13654.	5.8	71
16	The Emerging Architecture of Neuropsychological Impairment in Epilepsy. <i>Neurologic Clinics</i> , 2009, 27, 881-907.	0.8	56
17	Neurodevelopment in new-onset juvenile myoclonic epilepsy over the first 2 years. <i>Annals of Neurology</i> , 2014, 76, 660-668.	2.8	56
18	Spatiotemporal dynamics of word retrieval in speech production revealed by cortical high-frequency band activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4530-E4538.	3.3	53

#	ARTICLE	IF	CITATIONS
19	Hippocampal CA1 gamma power predicts the precision of spatial memory judgments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10148-10153.	3.3	52
20	Striatal hypertrophy and its cognitive effects in new-onset benign epilepsy with centrotemporal spikes. <i>Epilepsia</i> , 2012, 53, 677-685.	2.6	46
21	Coupling between slow waves and sharp-wave ripples engages distributed neural activity during sleep in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	42
22	Mapping the landscape of cognitive development in children with epilepsy. <i>Cortex</i> , 2015, 66, 1-8.	1.1	35
23	Spectral Imprints of Working Memory for Everyday Associations in the Frontoparietal Network. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 65.	1.2	35
24	Mapping the neuropsychological profile of temporal lobe epilepsy using cognitive network topology and graph theory. <i>Epilepsy and Behavior</i> , 2016, 63, 9-16.	0.9	32
25	Developmental Reorganization of the Cognitive Network in Pediatric Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0141186.	1.1	26
26	Graph theory and cognition: A complementary avenue for examining neuropsychological status in epilepsy. <i>Epilepsy and Behavior</i> , 2016, 64, 329-335.	0.9	25
27	Human hippocampal pre-activation predicts behavior. <i>Scientific Reports</i> , 2017, 7, 5959.	1.6	24
28	Altered organization of face-processing networks in temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 762-771.	2.6	22
29	Top-Down Attentional Modulation in Human Frontal Cortex: Differential Engagement during External and Internal Attention. <i>Cerebral Cortex</i> , 2021, 31, 873-883.	1.6	17
30	Network analysis of prospective brain development in youth with benign epilepsy with centrotemporal spikes and its relationship to cognition. <i>Epilepsia</i> , 2019, 60, 1838-1848.	2.6	16
31	Neurobehavioral comorbidities of pediatric epilepsies are linked to thalamic structural abnormalities. <i>Epilepsia</i> , 2013, 54, 2116-2124.	2.6	15
32	Amplitude of high frequency oscillations as a biomarker of the seizure onset zone. <i>Clinical Neurophysiology</i> , 2020, 131, 2542-2550.	0.7	15
33	Progressive dissociation of cortical and subcortical network development in children with new-onset juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2018, 59, 2086-2095.	2.6	14
34	The impact of bilingualism on working memory in pediatric epilepsy. <i>Epilepsy and Behavior</i> , 2016, 55, 6-10.	0.9	11
35	Detection of anomalous high-frequency events in human intracranial EEG. <i>Epilepsia Open</i> , 2020, 5, 263-273.	1.3	11
36	Disruptions in cortico-subcortical covariance networks associated with anxiety in new-onset childhood epilepsy. <i>NeuroImage: Clinical</i> , 2016, 12, 815-824.	1.4	9

#	ARTICLE	IF	CITATIONS
37	A Novel Robotic-Assisted Technique to Implant the Responsive Neurostimulation System. Operative Neurosurgery, 2020, 18, 728-735.	0.4	9
38	Using electrocorticogram baseline seizure frequency to assess the efficacy of responsive neurostimulation. Epilepsy and Behavior, 2018, 85, 7-9.	0.9	8
39	Orbitofrontal cortex governs working memory for temporal order. Current Biology, 2022, 32, R410-R411.	1.8	8
40	State and trajectory decoding of upper extremity movements from electrocorticogram. , 2013, , .		6
41	Beyond rates: time-varying dynamics of high frequency oscillations as a biomarker of the seizure onset zone. Journal of Neural Engineering, 2022, 19, 016034.	1.8	6
42	Electrocorticogram encoding of upper extremity movement trajectories. , 2013, , .		4
43	Language recovery after epilepsy surgery of the Broca's area. Epilepsy & Behavior Case Reports, 2018, 9, 42-45.	1.5	3
44	Modulating Amygdala-Hippocampal Network Communication: A Potential Therapy for Neuropsychiatric Disorders. Neuropsychopharmacology, 2018, 43, 218-219.	2.8	2
45	Editorial for the special issue on language and epilepsy. Brain and Language, 2019, 193, 1-3.	0.8	0