

Michal T Kucewicz

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,594
citations

471509

17
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

1862
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracranial electrophysiological recordings from the human brain during memory tasks with pupillometry. <i>Scientific Data</i> , 2022, 9, 6.	5.3	4
2	Deep Brain Stimulation of Anterior Nuclei of the Thalamus and Hippocampal Seizure Rate Modulate Verbal Memory Performance. , 2022, , .		4
3	Hotspot of human verbal memory encoding in the left anterior prefrontal cortex. <i>EBioMedicine</i> , 2022, 82, 104135.	6.1	1
4	Contribution of Ictal Source Imaging for Localizing Seizure Onset Zone in Patients With Focal Epilepsy. <i>Neurology</i> , 2021, 96, e366-e375.	1.1	17
5	Direct Electrical Stimulation of the Human Brain Has Inverse Effects on the Theta and Gamma Neural Activities. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 3701-3712.	4.2	7
6	Leveraging electrophysiologic correlates of word encoding to map seizure onset zone in focal epilepsy: Task-dependent changes in epileptiform activity, spectral features, and functional connectivity. <i>Epilepsia</i> , 2021, 62, 2627-2639.	5.1	4
7	Independent dynamics of low, intermediate, and high frequency spectral intracranial EEG activities during human memory formation. <i>NeuroImage</i> , 2021, 245, 118637.	4.2	13
8	A Computationally Efficient Model for Predicting Successful Memory Encoding Using Machine-Learning-based EEG Channel Selection. , 2019, , .		5
9	Unsupervised machine-learning classification of electrophysiologically active electrodes during human cognitive task performance. <i>Scientific Reports</i> , 2019, 9, 17390.	3.3	18
10	Human Verbal Memory Encoding Is Hierarchically Distributed in a Continuous Processing Stream. <i>ENeuro</i> , 2019, 6, ENEURO.0214-18.2018.	1.9	21
11	Pupil size reflects successful encoding and recall of memory in humans. <i>Scientific Reports</i> , 2018, 8, 4949.	3.3	62
12	Closed-loop stimulation of temporal cortex rescues functional networks and improves memory. <i>Nature Communications</i> , 2018, 9, 365.	12.8	248
13	Evidence for verbal memory enhancement with electrical brain stimulation in the lateral temporal cortex. <i>Brain</i> , 2018, 141, 971-978.	7.6	80
14	Ripple oscillations in the left temporal neocortex are associated with impaired verbal episodic memory encoding. <i>Epilepsy and Behavior</i> , 2018, 88, 33-40.	1.7	30
15	Visually validated semi-automatic high-frequency oscillation detection aids the delineation of epileptogenic regions during intra-operative electrocorticography. <i>Clinical Neurophysiology</i> , 2018, 129, 2089-2098.	1.5	40
16	Electrical Stimulation Modulates High β Activity and Human Memory Performance. <i>ENeuro</i> , 2018, 5, ENEURO.0369-17.2018.	1.9	41
17	Behavioral state classification in epileptic brain using intracranial electrophysiology. <i>Journal of Neural Engineering</i> , 2017, 14, 026001.	3.5	31
18	Direct Brain Stimulation Modulates Encoding States and Memory Performance in Humans. <i>Current Biology</i> , 2017, 27, 1251-1258.	3.9	207

#	ARTICLE	IF	CITATIONS
19	Dissecting gamma frequency activity during human memory processing. <i>Brain</i> , 2017, 140, 1337-1350.	7.6	76
20	Reactivation of seizure-related changes to interictal spike shape and synchrony during postseizure sleep in patients. <i>Epilepsia</i> , 2017, 58, 94-104.	5.1	23
21	Interictal high-frequency oscillations in focal human epilepsy. <i>Current Opinion in Neurology</i> , 2016, 29, 175-181.	3.6	52
22	Combined Single Neuron Unit Activity and Local Field Potential Oscillations in a Human Visual Recognition Memory Task. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 67-75.	4.2	5
23	Gamma oscillations precede interictal epileptiform spikes in the seizure onset zone. <i>Neurology</i> , 2015, 84, 602-608.	1.1	79
24	Evidence for Consolidation of Neuronal Assemblies after Seizures in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 999-1010.	3.6	55
25	High frequency oscillations are associated with cognitive processing in human recognition memory. <i>Brain</i> , 2014, 137, 2231-2244.	7.6	149
26	Pathological and physiological high-frequency oscillations in focal human epilepsy. <i>Journal of Neurophysiology</i> , 2013, 110, 1958-1964.	1.8	182
27	Network oscillations modulate interictal epileptiform spike rate during human memory. <i>Brain</i> , 2013, 136, 2444-2456.	7.6	75
28	Pathologic brain network activity. <i>Neurology</i> , 2013, 81, 12-13.	1.1	6
29	Dysfunctional Prefrontal Cortical Network Activity and Interactions following Cannabinoid Receptor Activation. <i>Journal of Neuroscience</i> , 2011, 31, 15560-15568.	3.6	58