Adam J Sachs

List of Publications by Year
in descending order

24	545	759233 12	752698 20
papers	citations	h-index	g-index

26	26	26	592
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep brain stimulation for Parkinsonâ€™s Disease: A Review and Future Outlook. Biomedical Engineering Letters, 2022, 12, 303-316.	4.1	6
2	Distinct neural codes in primate hippocampus and lateral prefrontal cortex during associative learning in virtual environments. Neuron, 2022, 110, 2155-2169.e4.	8.1	10
3	Decoding Saccade Intention From Primate Prefrontal Cortical Local Field Potentials Using Spectral, Spatial, and Temporal Dimensionality Reduction. International Journal of Neural Systems, 2021, 31, 2150023.	5.2	3
4	Ketamine disrupts naturalistic coding of working memory in primate lateral prefrontal cortex networks. Molecular Psychiatry, 2021, 26, 6688-6703.	7.9	23
5	Small neuronal ensembles of primate lateral prefrontal cortex encode spatial working memory in two reference frames. Journal of Vision, 2021, 21, 2858.	0.3	1
6	Scale-Free Analysis of Intraoperative ECoG During Awake Craniotomy for Glioma. Frontiers in Oncology, 2020, 10, 625474.	2.8	6
7	The Effects of Methylphenidate (Ritalin) on the Neurophysiology of the Monkey Caudal Prefrontal Cortex. ENeuro, 2019, 6, ENEURO.0371-18.2018.	1.9	12
8	A Normalization Circuit Underlying Coding of Spatial Attention in Primate Lateral Prefrontal Cortex. ENeuro, 2019, 6, ENEURO.0301-18.2019.	1.9	8
9	Use of 3D Navigation in Subaxial Cervical Spine Lateral Mass Screw Insertion. Journal of Neurological Surgery Reports, 2018, 79, e1-e8.	0.6	15
10	A Quadrantic Bias in Prefrontal Representation of Visual-Mnemonic Space. Cerebral Cortex, 2018, 28, 2405-2421.	2.9	30
11	Realtime phase-amplitude coupling analysis of micro electrode recorded brain signals. PLoS ONE, 2018, 13, e0204260.	2.5	5
12	Correlated variability modifies working memory fidelity in primate prefrontal neuronal ensembles. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2494-E2503.	7.1	84
13	Visual and presaccadic activity in area 8Ar of the macaque monkey lateral prefrontal cortex. Journal of Neurophysiology, 2017, 118, 15-28.	1.8	28
14	Single-trial decoding of intended eye movement goals from lateral prefrontal cortex neural ensembles. Journal of Neurophysiology, 2016, 115, 486-499.	1.8	18
15	Enabling Low-Power, Multi-Modal Neural Interfaces Through a Common, Low-Bandwidth Feature Space. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 521-531.	4.9	37
16	Single-Trial Decoding of Visual Attention from Local Field Potentials in the Primate Lateral Prefrontal Cortex Is Frequency-Dependent. Journal of Neuroscience, 2015, 35, 9038-9049.	3.6	44
17	Attentional Filtering of Visual Information by Neuronal Ensembles in the Primate Lateral Prefrontal Cortex. Neuron, 2015, 85, 202-215.	8.1	108
18	Brain-Computer Interfaces for Communication and Rehabilitation Using Intracortical Neuronal Activity from the Prefrontal Cortex and Basal Ganglia in Humans. Springer Briefs in Electrical and Computer Engineering, 2015, , 19-27.	0.5	0

#	Article	IF	Citations
19	Correlation between the effects of attention and response normalization in prefrontal area 8A neurons is cell type dependent.. Journal of Vision, 2015, 15, 1061.	0.3	0
20	Receptive field complexity in primate prefrontal cortex area 8A varies as a function of neuronal type. Journal of Vision, 2015, 15, 1048.	0.3	1
21	Lack of Efficacy of Motor Cortex Stimulation for the Treatment of Neuropathic Pain in 14 Patients. Neuromodulation, 2014, 17, 303-311.	0.8	43
22	Structure of Spike Count Correlations Reveals Functional Interactions between Neurons in Dorsolateral Prefrontal Cortex Area 8a of Behaving Primates. PLoS ONE, 2013, 8, e61503.	2.5	25
23	A metric-based analysis of the contribution of spike timing to contrast and motion direction coding by single neurons in macaque area MT. Brain Research, 2011, 1368, 163-184.	2.2	0
24	Psychophysical receptive fields of edge detection mechanisms. Vision Research, 2004, 44, 795-813.	1.4	35