Roâ€ee Gilron

List of Publications by Year
in descending order

20	923	758635 12	676716 22
papers	citations	h-index	g-index

29	29	29	921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concurrent stimulation and sensing in bi-directional brain interfaces: a multi-site translational experience. Journal of Neural Engineering, 2022, 19, 026025.	1.8	28
2	Embedding digital chronotherapy into bioelectronic medicines. IScience, 2022, 25, 104028.	1.9	20
3	NeuroDAC: an open-source arbitrary biosignal waveform generator. Journal of Neural Engineering, 2021, 18, 016010.	1.8	2
4	The Neurophysiology of Sleep in Parkinson's Disease. Movement Disorders, 2021, 36, 1526-1542.	2.2	34
5	Long-term wireless streaming of neural recordings for circuit discovery and adaptive stimulation in individuals with Parkinsonâ€™s disease. Nature Biotechnology, 2021, 39, 1078-1085.	9.4	180
6	OMNI: Open Mind Neuromodulation Interface for accelerated research and discovery. , 2021, , .		1
7	Uncovering biomarkers during therapeutic neuromodulation with PARRM: Period-based Artifact Reconstruction and Removal Method. Cell Reports Methods, 2021, 1, 100010.	1.4	13
8	Analysis-rcs-data: Open-Source Toolbox for the Ingestion, Time-Alignment, and Visualization of Sense and Stimulation Data From the Medtronic Summit RC+S System. Frontiers in Human Neuroscience, 2021, 15, 714256.	1.0	16
9	Chronic Sensing of Subthalamic Local Field Potentials: Comparison of First and Second Generation Implantable Bidirectional Systems Within a Single Subject. Frontiers in Neuroscience, 2021, 15, 725797.	1.4	22
10	The Role of Large-Scale Data Infrastructure in Developing Next-Generation Deep Brain Stimulation Therapies. Frontiers in Human Neuroscience, 2021, 15, 717401.	1.0	9
11	Embedded adaptive deep brain stimulation for cervical dystonia controlled by motor cortex theta oscillations. Experimental Neurology, 2021, 345, 113825.	2.0	27
12	Prefrontal Physiomarkers of Anxiety and Depression in Parkinsonâ€™s Disease. Frontiers in Neuroscience, 2021, 15, 748165.	1.4	11
13	Sleep-Aware Adaptive Deep Brain Stimulation Control: Chronic Use at Home With Dual Independent Linear Discriminate Detectors. Frontiers in Neuroscience, 2021, 15, 732499.	1.4	33
14	Rapid Dynamic Naturalistic Monitoring of Bradykinesia in Parkinsonâ€™s Disease Using a Wrist-Worn Accelerometer. Sensors, 2021, 21, 7876.	2.1	14
15	Practical Closed-Loop Strategies for Deep Brain Stimulation: Lessons From Chronic Pain. Frontiers in Neuroscience, 2021, 15, 762097.	1.4	7
16	Voluntary Actions Modulate Perception and Neural Representation of Action-Consequences in a Hand-Dependent Manner. Cerebral Cortex, 2020, 30, 6097-6107.	1.6	8
17	Adding wisdom to â€˜smartâ€™ bioelectronic systems: a design framework for physiologic control including practical examples. Bioelectronics in Medicine, 2019, 2, 29-41.	2.0	16
18	Effect of levodopa on electroencephalographic biomarkers of the parkinsonian state. Journal of Neurophysiology, 2019, 122, 290-299.	0.9	34

#	Article	IF	Citations
19	Adaptive deep brain stimulation for Parkinsonâ€™s disease using motor cortex sensing. Journal of Neural Engineering, 2018, 15, 046006.	1.8	299
20	Lateralized modulation of self-generated visual stimuli. Journal of Vision, 2018, 18, 424.	0.1	0