

# Ro ee Gilron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1802314/publications.pdf>

Version: 2024-02-01

20  
papers

923  
citations

758635

12  
h-index

676716

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive deep brain stimulation for Parkinson's disease using motor cortex sensing. <i>Journal of Neural Engineering</i> , 2018, 15, 046006.	1.8	299
2	Long-term wireless streaming of neural recordings for circuit discovery and adaptive stimulation in individuals with Parkinson's disease. <i>Nature Biotechnology</i> , 2021, 39, 1078-1085.	9.4	180
3	Effect of levodopa on electroencephalographic biomarkers of the parkinsonian state. <i>Journal of Neurophysiology</i> , 2019, 122, 290-299.	0.9	34
4	The Neurophysiology of Sleep in Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 1526-1542.	2.2	34
5	Sleep-Aware Adaptive Deep Brain Stimulation Control: Chronic Use at Home With Dual Independent Linear Discriminate Detectors. <i>Frontiers in Neuroscience</i> , 2021, 15, 732499.	1.4	33
6	Concurrent stimulation and sensing in bi-directional brain interfaces: a multi-site translational experience. <i>Journal of Neural Engineering</i> , 2022, 19, 026025.	1.8	28
7	Embedded adaptive deep brain stimulation for cervical dystonia controlled by motor cortex theta oscillations. <i>Experimental Neurology</i> , 2021, 345, 113825.	2.0	27
8	Chronic Sensing of Subthalamic Local Field Potentials: Comparison of First and Second Generation Implantable Bidirectional Systems Within a Single Subject. <i>Frontiers in Neuroscience</i> , 2021, 15, 725797.	1.4	22
9	Embedding digital chrono-therapy into bioelectronic medicines. <i>IScience</i> , 2022, 25, 104028.	1.9	20
10	Adding wisdom to "smart" bioelectronic systems: a design framework for physiologic control including practical examples. <i>Bioelectronics in Medicine</i> , 2019, 2, 29-41.	2.0	16
11	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. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 714256.	1.0	16
12	Rapid Dynamic Naturalistic Monitoring of Bradykinesia in Parkinson's Disease Using a Wrist-Worn Accelerometer. <i>Sensors</i> , 2021, 21, 7876.	2.1	14
13	Uncovering biomarkers during therapeutic neuromodulation with PARRM: Period-based Artifact Reconstruction and Removal Method. <i>Cell Reports Methods</i> , 2021, 1, 100010.	1.4	13
14	Prefrontal Physiometers of Anxiety and Depression in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 748165.	1.4	11
15	The Role of Large-Scale Data Infrastructure in Developing Next-Generation Deep Brain Stimulation Therapies. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 717401.	1.0	9
16	Voluntary Actions Modulate Perception and Neural Representation of Action-Consequences in a Hand-Dependent Manner. <i>Cerebral Cortex</i> , 2020, 30, 6097-6107.	1.6	8
17	Practical Closed-Loop Strategies for Deep Brain Stimulation: Lessons From Chronic Pain. <i>Frontiers in Neuroscience</i> , 2021, 15, 762097.	1.4	7
18	NeuroDAC: an open-source arbitrary biosignal waveform generator. <i>Journal of Neural Engineering</i> , 2021, 18, 016010.	1.8	2

#	ARTICLE	IF	CITATIONS
19	OMNI: Open Mind Neuromodulation Interface for accelerated research and discovery., 2021, , .		1
20	Lateralized modulation of self-generated visual stimuli. Journal of Vision, 2018, 18, 424.	0.1	0