

Nicole C Swann

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,503
citations

361413
20
h-index

477307
29
g-index

41
all docs

41
docs citations

41
times ranked

4055
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic deep brain stimulation reduces cortical phase-amplitude coupling in Parkinson's disease. <i>Nature Neuroscience</i> , 2015, 18, 779-786.	14.8	520
2	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. <i>ELife</i> , 2019, 8, .	6.0	479
3	Intracranial EEG Reveals a Time- and Frequency-Specific Role for the Right Inferior Frontal Gyrus and Primary Motor Cortex in Stopping Initiated Responses. <i>Journal of Neuroscience</i> , 2009, 29, 12675-12685.	3.6	404
4	Roles for the pre-supplementary motor area and the right inferior frontal gyrus in stopping action: Electrophysiological responses and functional and structural connectivity. <i>NeuroImage</i> , 2012, 59, 2860-2870.	4.2	383
5	Adaptive deep brain stimulation for Parkinson's disease using motor cortex sensing. <i>Journal of Neural Engineering</i> , 2018, 15, 046006.	3.5	299
6	Gamma Oscillations in the Hyperkinetic State Detected with Chronic Human Brain Recordings in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2016, 36, 6445-6458.	3.6	252
7	Deep Brain Stimulation of the Subthalamic Nucleus Alters the Cortical Profile of Response Inhibition in the Beta Frequency Band: A Scalp EEG Study in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 5721-5729.	3.6	207
8	Elevated synchrony in <sc>P</sc>arkinson disease detected with electroencephalography. <i>Annals of Neurology</i> , 2015, 78, 742-750.	5.3	125
9	Chronic multisite brain recordings from a totally implantable bidirectional neural interface: experience in 5 patients with Parkinson's disease. <i>Journal of Neurosurgery</i> , 2018, 128, 605-616.	1.6	110
10	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. <i>Scientific Data</i> , 2019, 6, 102.	5.3	96
11	Electrocorticography reveals beta desynchronization in the basal ganglia-cortical loop during rest tremor in Parkinson's disease. <i>Neurobiology of Disease</i> , 2016, 86, 177-186.	4.4	82
12	Characteristics of Waveform Shape in Parkinson's Disease Detected with Scalp Electroencephalography. <i>ENeuro</i> , 2019, 6, ENEURO.0151-19.2019.	1.9	78
13	Intracranial Electroencephalography Reveals Different Temporal Profiles for Dorsal- and Ventro-lateral Prefrontal Cortex in Preparing to Stop Action. <i>Cerebral Cortex</i> , 2013, 23, 2479-2488.	2.9	65
14	Intraoperative electrocorticography for physiological research in movement disorders: principles and experience in 200 cases. <i>Journal of Neurosurgery</i> , 2017, 126, 122-131.	1.6	56
15	Advances in human intracranial electroencephalography research, guidelines and good practices. <i>NeuroImage</i> , 2022, 260, 119438.	4.2	50
16	Task-related activity in sensorimotor cortex in Parkinson's disease and essential tremor: changes in beta and gamma bands. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 512.	2.0	48
17	Neurofeedback Control in Parkinsonian Patients Using Electrocorticography Signals Accessed Wirelessly With a Chronic, Fully Implanted Device. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1715-1724.	4.9	34
18	Effect of levodopa on electroencephalographic biomarkers of the parkinsonian state. <i>Journal of Neurophysiology</i> , 2019, 122, 290-299.	1.8	34

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19	Dissociation of Frontal and Medial Temporal Lobe Activity in Maintenance and Binding of Sequentially Presented Paired Associates. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1244-1254.	2.3	31
20	Cortical gamma oscillations in isolated dystonia. <i>Parkinsonism and Related Disorders</i> , 2018, 49, 104-105.	2.2	27
21	Chronic deep brain stimulation normalizes scalp EEG activity in isolated dystonia. <i>Clinical Neurophysiology</i> , 2018, 129, 368-376.	1.5	22
22	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.	2.8	22
23	Enabling closed-loop neurostimulation research with downloadable firmware upgrades. , 2015, , .		16
24	Motor System Interactions in the Beta Band Decrease during Loss of Consciousness. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 84-95.	2.3	11
25	Intracranial Electrode Location and Analysis in MNE-Python. <i>Journal of Open Source Software</i> , 2022, 7, 3897.	4.6	10
26	Novel approaches for quantifying beta synchrony in Parkinson's disease. <i>Experimental Brain Research</i> , 2022, 240, 991-1004.	1.5	7
27	Clinical Tremor Severity Estimation Using an Instrumented Eating Utensil. <i>Journal of Parkinson's Disease</i> , 2017, 7, 755-759.	2.8	3
28	Are we there yet?. <i>ELife</i> , 2019, 8, .	6.0	3
29	pd-parser: A tool for Matching Photodiode Deflection Events to Time-Stamped Events. <i>Journal of Open Source Software</i> , 2020, 5, 2674.	4.6	2
30	Reduced sensorimotor beta dynamics could represent a "slowed movement state" in healthy individuals. <i>Neuropsychologia</i> , 2022, 172, 108276.	1.6	2