

Svjetlana Miocinovic

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2029743/svjetlana-miocinovic-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

2,718
citations

24
h-index

50
g-index

50
ext. papers

3,333
ext. citations

4.6
avg, IF

5.1
L-index

#	Paper	IF	Citations
49	History, applications, and mechanisms of deep brain stimulation. <i>JAMA Neurology</i> , 2013 , 70, 163-71	17.2	328
48	Deep brain stimulation creates an informational lesion of the stimulated nucleus. <i>NeuroReport</i> , 2004 , 15, 1137-40	1.7	247
47	Computational analysis of subthalamic nucleus and lenticular fasciculus activation during therapeutic deep brain stimulation. <i>Journal of Neurophysiology</i> , 2006 , 96, 1569-80	3.2	241
46	Mechanisms and targets of deep brain stimulation in movement disorders. <i>Neurotherapeutics</i> , 2008 , 5, 294-308	6.4	223
45	Adaptive deep brain stimulation for Parkinson's disease using motor cortex sensing. <i>Journal of Neural Engineering</i> , 2018 , 15, 046006	5	185
44	In vivo impedance spectroscopy of deep brain stimulation electrodes. <i>Journal of Neural Engineering</i> , 2009 , 6, 046001	5	158
43	Gamma Oscillations in the Hyperkinetic State Detected with Chronic Human Brain Recordings in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2016 , 36, 6445-58	6.6	157
42	Experimental and theoretical characterization of the voltage distribution generated by deep brain stimulation. <i>Experimental Neurology</i> , 2009 , 216, 166-76	5.7	124
41	Current-controlled deep brain stimulation reduces in vivo voltage fluctuations observed during voltage-controlled stimulation. <i>Clinical Neurophysiology</i> , 2010 , 121, 2128-33	4.3	85
40	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	3.2	72
39	Pallidal burst activity during therapeutic deep brain stimulation. <i>Experimental Neurology</i> , 2008 , 211, 243-51	5.7	71
38	Pallidal Deep-Brain Stimulation Disrupts Pallidal Beta Oscillations and Coherence with Primary Motor Cortex in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2018 , 38, 4556-4568	6.6	67
37	Subthalamic local field potentials in Parkinson's disease and isolated dystonia: An evaluation of potential biomarkers. <i>Neurobiology of Disease</i> , 2016 , 89, 213-22	7.5	63
36	Electrocorticography reveals beta desynchronization in the basal ganglia-cortical loop during rest tremor in Parkinson's disease. <i>Neurobiology of Disease</i> , 2016 , 86, 177-86	7.5	57
35	Stereotactic neurosurgical planning, recording, and visualization for deep brain stimulation in non-human primates. <i>Journal of Neuroscience Methods</i> , 2007 , 162, 32-41	3	55
34	Cortical Potentials Evoked by Subthalamic Stimulation Demonstrate a Short Latency Hyperdirect Pathway in Humans. <i>Journal of Neuroscience</i> , 2018 , 38, 9129-9141	6.6	55
33	Automated gait and balance parameters diagnose and correlate with severity in Parkinson disease. <i>Journal of the Neurological Sciences</i> , 2014 , 345, 131-8	3.2	48

32	Computational analysis of deep brain stimulation. <i>Expert Review of Medical Devices</i> , 2007 , 4, 615-22	3.5	44
31	Intraoperative electrocorticography for physiological research in movement disorders: principles and experience in 200 cases. <i>Journal of Neurosurgery</i> , 2017 , 126, 122-131	3.2	37
30	Patterns of Cortical Synchronization in Isolated Dystonia Compared With Parkinson Disease. <i>JAMA Neurology</i> , 2015 , 72, 1244-51	17.2	37
29	Outcomes, management, and potential mechanisms of interleaving deep brain stimulation settings. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 1434-7	3.6	37
28	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	3.3	36
27	Dissociation of motor symptoms during deep brain stimulation of the subthalamic nucleus in the region of the internal capsule. <i>Experimental Neurology</i> , 2011 , 228, 294-7	5.7	34
26	Recommendations for Deep Brain Stimulation Device Management During a Pandemic. <i>Journal of Parkinson's Disease</i> , 2020 , 10, 903-910	5.3	25
25	Sensitivity of temporal excitation properties to the neuronal element activated by extracellular stimulation. <i>Journal of Neuroscience Methods</i> , 2004 , 132, 91-9	3	24
24	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	4.8	22
23	Temporal excitation properties of paresthesias evoked by thalamic microstimulation. <i>Clinical Neurophysiology</i> , 2005 , 116, 1227-34	4.3	21
22	Automated Deep Brain Stimulation Programming for Tremor. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 1618-1625	4.8	19
21	Cortical gamma oscillations in isolated dystonia. <i>Parkinsonism and Related Disorders</i> , 2018 , 49, 104-105	3.6	18
20	Effect of levodopa on electroencephalographic biomarkers of the parkinsonian state. <i>Journal of Neurophysiology</i> , 2019 , 122, 290-299	3.2	17
19	Cerebellar Deep Brain Stimulation for Acquired Hemidystonia. <i>Movement Disorders Clinical Practice</i> , 2020 , 7, 188-193	2.2	16
18	Chronic deep brain stimulation normalizes scalp EEG activity in isolated dystonia. <i>Clinical Neurophysiology</i> , 2018 , 129, 368-376	4.3	14
17	Comparison of Globus Pallidus Interna and Subthalamic Nucleus in Deep Brain Stimulation for Parkinson Disease: An Institutional Experience and Review. <i>Parkinson's Disease</i> , 2017 , 2017, 3410820	2.6	12
16	Interictal high-frequency oscillations (HFOs) as predictors of high frequency and conventional seizure onset zones. <i>Epileptic Disorders</i> , 2015 , 17, 413-24	1.9	10
15	Pallidal thermolesion unleashes gamma oscillations in the motor cortex in Parkinson's disease. <i>Movement Disorders</i> , 2019 , 34, 903-911	7	9

14	Neuromyelitis Optica Spectrum Disorder Associated With Autoimmune Hemolytic Anemia and Lymphoma. <i>Neurologist</i> , 2015 , 20, 33-4	1.6	9
13	Letter: Evaluation and Surgical Treatment of Functional Neurosurgery Patients With Implanted Deep Brain Stimulation and Vagus Nerve Stimulation Pulse Generators During the COVID-19 Pandemic. <i>Neurosurgery</i> , 2020 , 87, E222-E226	3.2	7
12	Clinical outcomes of globus pallidus deep brain stimulation for Parkinson disease: a comparison of intraoperative MRI- and MER-guided lead placement. <i>Journal of Neurosurgery</i> , 2020 , 134, 1072-1082	3.2	6
11	Image-based biophysical modeling predicts cortical potentials evoked with subthalamic deep brain stimulation. <i>Brain Stimulation</i> , 2021 , 14, 549-563	5.1	6
10	Surgical Treatment of Parkinsonæ Disease: Devices and Lesion Approaches. <i>Neurotherapeutics</i> , 2020 , 17, 1525-1538	6.4	5
9	Cystic Lesions as a Rare Complication of Deep Brain Stimulation. <i>Movement Disorders Clinical Practice</i> , 2016 , 3, 87-90	2.2	4
8	Slow Wave Sleep and EEG Delta Spectral Power are Associated with Cognitive Function in Parkinsonæ Disease. <i>Journal of Parkinsons Disease</i> , 2021 , 11, 703-714	5.3	3
7	Patient-Reported Outcomes Measurement Information System (PROMIS) Assessment of Non-Motor Features in Deep Brain Stimulation Candidates: Relationship to the Beck Depression and Anxiety Inventories. <i>Archives of Clinical Neuropsychology</i> , 2021 , 36, 632-637	2.7	3
6	Towards automated patient-specific optimization of deep brain stimulation for movement disorders. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 6159-6162	0.9	2
5	Clinical Tremor Severity Estimation Using an Instrumented Eating Utensil. <i>Journal of Parkinsons Disease</i> , 2017 , 7, 755-759	5.3	1
4	Mechanisms of Deep Brain Stimulation 2008 , 151-177		1
3	Multi-objective data-driven optimization for improving deep brain stimulation in Parkinsonæ disease. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	1
2	Novel approaches for quantifying beta synchrony in Parkinsonæ disease.. <i>Experimental Brain Research</i> , 2022 , 1	2.3	0
1	Combined occurrence of deleterious TOR1A and ANO3 variants in isolated generalized dystonia. <i>Parkinsonism and Related Disorders</i> , 2020 , 73, 55-56	3.6	