Till Anselm Dembek

List of Publications by Year
in descending order

55	2,316	304743	243625
papers	citations	22 h-index	44 g-index

66	66	66	2087
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brain Morphometry Associated With Response to Levodopa and Deep Brain Stimulation in Parkinson Disease. Neuromodulation, 2023, 26, 340-347.	0.8	6
2	Deep Brain Stimulation Reduces Conflict-Related Theta and Error-Related Negativity in Patients With Obsessiveâ€“Compulsive Disorder. Neuromodulation, 2022, 25, 245-252.	0.8	7
3	Mapping and predicting treatment response on a local level. , 2022, , 359-374.		0
4	Sweetspot Mapping in Deep Brain Stimulation: Strengths and Limitations of Current Approaches. Neuromodulation, 2022, 25, 877-887.	0.8	22
5	<scp>StimFitâ€”</scp>A Dataâ€Driven Algorithm for Automated Deep Brain Stimulation Programming. Movement Disorders, 2022, 37, 574-584.	3.9	20
6	Feasibility of Wearable-Based Remote Monitoring in Patients During Intensive Treatment for Aggressive Hematologic Malignancies. JCO Clinical Cancer Informatics, 2022, 6, e2100126.	2.1	3
7	The Contribution of Subthalamic Nucleus Deep Brain Stimulation to the Improvement in Motor Functions and Quality of Life. Movement Disorders, 2022, 37, 291-301.	3.9	11
8	Probabilistic Mapping Reveals Optimal Stimulation Site in Essential Tremor. Annals of Neurology, 2022, 91, 602-612.	5.3	18
9	Quality of Life After Deep Brain Stimulation of Pediatric Patients with Dyskinetic Cerebral Palsy: A Prospective, Singleâ€Arm, Multicenter Study with a Subsequent Randomized Doubleâ€Blind Crossover (<scp>STIMâ€CP</scp>). Movement Disorders, 2022, 37, 799-811.	3.9	10
10	Structural Connectivity of Subthalamic Nucleus Stimulation for Improving Freezing of Gait. Journal of Parkinson's Disease, 2022, 12, 1251-1267.	2.8	5
11	Normative Functional Connectivity of Thalamic Stimulation for Reducing Tic Severity in Tourette Syndrome. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 841-844.	1.5	1
12	A Randomized, Double-Blinded Crossover Trial of Short Versus Conventional Pulse Width Subthalamic Deep Brain Stimulation in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2022, 12, 1497-1505.	2.8	3
13	Noninvasive Continuous Monitoring of Vital Signs With Wearables: Fit for Medical Use?. Journal of Diabetes Science and Technology, 2021, 15, 34-43.	2.2	24
14	Temporal Stability of Lead Orientation in Directional Deep Brain Stimulation. Stereotactic and Functional Neurosurgery, 2021, 99, 167-170.	1.5	11
15	Potentials and Limitations of Directional Deep Brain Stimulation: A Simulation Approach. Stereotactic and Functional Neurosurgery, 2021, 99, 65-74.	1.5	24
16	Network Fingerprint of Stimulationâ€Induced Speech Impairment in Essential Tremor. Annals of Neurology, 2021, 89, 315-326.	5.3	9
17	The impact of subthalamic deep brain stimulation on belief revision and social validation. Parkinsonism and Related Disorders, 2021, 89, 84-86.	2.2	0
18	DiODe v2: Unambiguous and Fully-Automated Detection of Directional DBS Lead Orientation. Brain Sciences, 2021, 11, 1450.	2.3	16

#	Article	IF	Citations
19	The effects of thalamic and posterior subthalamic deep brain stimulation on speech in patients with essential tremor â€“ A prospective, randomized, doubleblind crossover study. Brain and Language, 2020, 202, 104724.	1.6	10
20	Deep Brain Stimulation for Freezing of Gait in Parkinson's Disease With Early Motor Complications. Movement Disorders, 2020, 35, 82-90.	3.9	43
21	Reliable Detection of Atrial Fibrillation with a Medical Wearable during Inpatient Conditions. Sensors, 2020, 20, 5517.	3.8	13
22	Thalamic Deep Brain Stimulation in Essential Tremor Plus Is as Effective as in Essential Tremor. Brain Sciences, 2020, 10, 970.	2.3	10
23	Selecting the Most Effective DBS Contact in Essential Tremor Patients Based on Individual Tractography. Brain Sciences, 2020, 10, 1015.	2.3	14
24	PSA and VIM DBS efficiency in essential tremor depends on distance to the dentatorubrothalamic tract. NeuroImage: Clinical, 2020, 26, 102235.	2.7	42
25	Bipolar Directional Deep Brain Stimulation in Essential and Parkinsonian Tremor. Neuromodulation, 2020, 23, 543-549.	0.8	20
26	Beneficial effects of bilateral subthalamic stimulation on alexithymia in Parkinson's disease. European Journal of Neurology, 2019, 26, 222.	3.3	22
27	Probabilistic sweet spots predict motor outcome for deep brain stimulation in Parkinson disease. Annals of Neurology, 2019, 86, 527-538.	5.3	129
28	Evaluation of Spike Sorting Algorithms: Application to Human Subthalamic Nucleus Recordings and Simulations. Neuroscience, 2019, 414, 168-185.	2.3	26
29	Weight Change after Striatal/Capsule Deep Brain Stimulation Relates to Connectivity to the Bed Nucleus of the Stria Terminalis and Hypothalamus. Brain Sciences, 2019, 9, 264.	2.3	14
30	Non-motor outcomes depend on location of neurostimulation in Parkinsonâ€™s disease. Brain, 2019, 142, 3592-3604.	7.6	90
31	Directional DBS leads show large deviations from their intended implantation orientation. Parkinsonism and Related Disorders, 2019, 67, 117-121.	2.2	52
32	Daily Alternation of DBS Settings Does Not Prevent Habituation of Tremor Suppression in Essential Tremor Patients. Movement Disorders Clinical Practice, 2019, 6, 417-418.	1.5	8
33	Author response: DBS of the PSA and the VIM in essential tremor: A randomized, double-blind, crossover trial. Neurology, 2019, 92, 975.2-976.	1.1	0
34	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. NeuroImage, 2019, 184, 293-316.	4.2	527
35	Dopamine substitution alters effective connectivity of cortical prefrontal, premotor, and motor regions during complex bimanual finger movements in Parkinson's disease. NeuroImage, 2019, 190, 118-132.	4.2	20
36	Nonmotor symptoms evolution during 24 months of bilateral subthalamic stimulation in Parkinson's disease. Movement Disorders, 2018, 33, 421-430.	3.9	69

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37	Non-motor outcomes of subthalamic stimulation in Parkinson's disease depend on location of active contacts. Brain Stimulation, 2018, 11, 904-912.	1.6	53
38	Dysarthria in pallidal Deep Brain Stimulation in dystonia depends on the posterior location of active electrode contacts: a pilot study. Parkinsonism and Related Disorders, 2018, 47, 71-75.	2.2	16
39	Quality of life outcome after subthalamic stimulation in Parkinson's disease depends on age. Movement Disorders, 2018, 33, 99-107.	3.9	39
40	DiODe: Directional Orientation Detection of Segmented Deep Brain Stimulation Leads: A Sequential Algorithm Based on CT Imaging. Stereotactic and Functional Neurosurgery, 2018, 96, 335-341.	1.5	64
41	DBS of the PSA and the VIM in essential tremor. Neurology, 2018, 91, e543-e550.	1.1	115
42	The effects of Thalamic Deep Brain Stimulation on speech dynamics in patients with Essential Tremor: An articulographic study. PLoS ONE, 2018, 13, e0191359.	2.5	32
43	The Effect of Uni- and Bilateral Thalamic Deep Brain Stimulation on Speech in Patients With Essential Tremor: Acoustics and Intelligibility. Neuromodulation, 2017, 20, 223-232.	0.8	20
44	Directional DBS increases sideâ€effect thresholdsâ€”A prospective, doubleâ€blind trial. Movement Disorders, 2017, 32, 1380-1388.	3.9	194
45	Determining the orientation angle of directional leads for deep brain stimulation using computed tomography and digital xâ€ray imaging: A phantom study. Medical Physics, 2017, 44, 4463-4473.	3.0	53
46	Probabilistic mapping of deep brain stimulation effects in essential tremor. NeuroImage: Clinical, 2017, 13, 164-173.	2.7	91
47	Ageing changes effective connectivity of motor networks during bimanual finger coordination. NeuroImage, 2016, 143, 325-342.	4.2	40
48	Deep brain stimulation of the posterior subthalamic area and the thalamus in patients with essential tremor: study protocol for a randomized controlled pilot trial. Trials, 2016, 17, 476.	1.6	12
49	Directional deep brain stimulation: A case of avoiding dysarthria with bipolar directional current steering. Parkinsonism and Related Disorders, 2016, 31, 156-158.	2.2	28
50	Subjective perceived outcome of subthalamic deep brain stimulation in Parkinson's disease one year after surgery. Parkinsonism and Related Disorders, 2016, 24, 41-47.	2.2	36
51	Effects of deep brain stimulation on prepulse inhibition in obsessive-compulsive disorder. Translational Psychiatry, 2015, 5, e675-e675.	4.8	25
52	Subjectively perceived personality and mood changes associated with subthalamic stimulation in patients with Parkinson's disease. Psychological Medicine, 2015, 45, 73-85.	4.5	57
53	Deep brain stimulation and cognitive decline in Parkinsonâ€™s disease: The predictive value of electroencephalography. Journal of Neurology, 2015, 262, 2275-2284.	3.6	18
54	The Effect of Deep Brain Stimulation on the Speech Motor System. Journal of Speech, Language, and Hearing Research, 2014, 57, 1206-1218.	1.6	32

#	Article	IF	Citations
55	Individualized current-shaping reduces DBS-induced dysarthria in patients with essential tremor. Neurology, 2014, 82, 614-619.	1.1	76