

Wolfgang Hamel

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,707
citations

623734

14
h-index

395702

33
g-index

37
all docs

37
docs citations

37
times ranked

3734
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized Trial of Deep-Brain Stimulation for Parkinson's Disease. <i>New England Journal of Medicine</i> , 2006, 355, 896-908.	27.0	2,577
2	Two-year follow-up of subthalamic deep brain stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2003, 18, 1332-1337.	3.9	258
3	Adverse events in deep brain stimulation: A retrospective long-term analysis of neurological, psychiatric and other occurrences. <i>PLoS ONE</i> , 2017, 12, e0178984.	2.5	111
4	Temporal evolution of beta bursts in the parkinsonian cortical and basal ganglia network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16095-16104.	7.1	98
5	Deep brain stimulation of anterior nucleus thalami disrupts sleep in epilepsy patients. <i>Epilepsia</i> , 2015, 56, e99-e103.	5.1	95
6	Phase-Dependent Suppression of Beta Oscillations in Parkinson's Disease Patients. <i>Journal of Neuroscience</i> , 2019, 39, 1119-1134.	3.6	89
7	Asymmetric pallidal neuronal activity in patients with cervical dystonia. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 15.	2.5	59
8	Spatio-temporal dynamics of cortical drive to human subthalamic nucleus neurons in Parkinson's disease. <i>Neurobiology of Disease</i> , 2018, 112, 49-62.	4.4	58
9	Synchronised spiking activity underlies phase amplitude coupling in the subthalamic nucleus of Parkinson's disease patients. <i>Neurobiology of Disease</i> , 2019, 127, 101-113.	4.4	49
10	Thalamic short pulse stimulation diminishes adverse effects in essential tremor patients. <i>Neurology</i> , 2018, 91, e704-e713.	1.1	35
11	Electrical Stimulation of the Anterior Thalamus for Epilepsy: Clinical Outcome and Analysis of Efficient Target. <i>Neuromodulation</i> , 2019, 22, 465-471.	0.8	33
12	Towards unambiguous reporting of complications related to deep brain stimulation surgery: A retrospective single-center analysis and systematic review of the literature. <i>PLoS ONE</i> , 2018, 13, e0198529.	2.5	29
13	Waking up the brain: a case study of stimulation-induced wakeful unawareness during anaesthesia. <i>Progress in Brain Research</i> , 2009, 177, 125-145.	1.4	24
14	STN Stimulation in General Anaesthesia: Evidence Beyond "Evidence-Based Medicine". , 2013, 117, 19-25.		22
15	A New Stimulation Mode for Deep Brain Stimulation in Parkinson's Disease: Theta Burst Stimulation. <i>Movement Disorders</i> , 2020, 35, 1471-1475.	3.9	20
16	Pallidal lead placement in dystonia: leads of non-responders are contained within an anatomical range defined by responders. <i>Journal of Neurology</i> , 2020, 267, 1663-1671.	3.6	16
17	Decomposition of abnormal free locomotor behavior in a rat model of Parkinson's disease. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 95.	2.5	15
18	Parkinson's disease uncovers an underlying sensitivity of subthalamic nucleus neurons to beta-frequency cortical input in vivo. <i>Neurobiology of Disease</i> , 2020, 146, 105119.	4.4	14

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19	Mapping stimulation-induced beneficial and adverse effects in the subthalamic area of essential tremor patients. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 150-155.	2.2	12
20	Short Pulse and Conventional Deep Brain Stimulation Equally Improve the Parkinsonian Gait Disorder. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1455-1464.	2.8	12
21	Impact of simultaneous subthalamic and nigral stimulation on dysphagia in Parkinson's disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 628-638.	3.7	10
22	Synchronized cortico-subthalamic beta oscillations in Parkin-associated Parkinson's disease. <i>Clinical Neurophysiology</i> , 2015, 126, 2241-2243.	1.5	9
23	Sex Disparities in the Self-Evaluation of Subthalamic Deep Brain Stimulation Effects on Mood and Personality in Parkinson's Disease Patients. <i>Frontiers in Neurology</i> , 2020, 11, 776.	2.4	8
24	High-Frequency Stimulation of the Subthalamic Nucleus Counteracts Cortical Expression of Major Histocompatibility Complex Genes in a Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e91663.	2.5	7
25	The Pioneering and Unknown Stereotactic Approach of Roeder and Orthner from Göttingen. Part I. Surgical Technique for Tailoring Individualized Stereotactic Lesions. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 240-253.	1.5	6
26	Decision-making in temporal lobe epilepsy surgery based on invasive stereo-electroencephalography (sEEG). <i>Neurosurgical Review</i> , 2020, 43, 1403-1408.	2.4	6
27	Comparison of Shod and Unshod Gait in Patients With Parkinson's Disease With Subthalamic and Nigral Stimulation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 751242.	2.0	6
28	Combined Subthalamic and Nigral Stimulation Modulates Temporal Gait Coordination and Cortical Gait-Network Activity in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 812954.	2.0	6
29	Impact of Deep Brain Stimulation on Daily Routine Driving Practice in Patients with Parkinson's Disease. <i>Parkinson's Disease</i> , 2015, 2015, 1-9.	1.1	5
30	Structural Connectivity of Subthalamic Nucleus Stimulation for Improving Freezing of Gait. <i>Journal of Parkinson's Disease</i> , 2022, 12, 1251-1267.	2.8	5
31	Reduced Risk of Reoperations With Modern Deep Brain Stimulator Systems: Big Data Analysis From a United States Claims Database. <i>Frontiers in Neurology</i> , 2021, 12, 785280.	2.4	4
32	Short pulse and directional thalamic deep brain stimulation have differential effects in parkinsonian and essential tremor. <i>Scientific Reports</i> , 2022, 12, 7251.	3.3	4
33	Subthalamic Deep Brain Stimulation Lead Asymmetry Impacts the Parkinsonian Gait Disorder. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 788200.	2.0	3
34	The Pioneering and Unknown Stereotactic Approach of Roeder and Orthner from Göttingen. Part II: Long-Term Outcome and Postmortem Analysis of Bilateral Pallidotomy in the Pre-Levodopa Era. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 353-363.	1.5	1
35	Comparison of Montreal cognitive assessment and Mattis dementia rating scale in the preoperative evaluation of subthalamic stimulation in Parkinson's disease. <i>PLoS ONE</i> , 2022, 17, e0265314.	2.5	1
36	Quantitative Sensory Changes Following Gasserian Ganglion Radiofrequency Thermocoagulation in Patients with Medical Refractory Trigeminal Neuralgia: A Prospective Consecutive Case Series. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 423-429.	0.8	0