

Jens Volkmann

List of Publications by Year in descending order

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Version: 2024-02-01

253
papers

24,389
citations

12597

71
h-index

9605

147
g-index

266
all docs

266
docs citations

266
times ranked

18793
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-blind cross-over pilot trial protocol to evaluate the safety and preliminary efficacy of long-term adaptive deep brain stimulation in patients with Parkinson's disease. <i>BMJ Open</i> , 2022, 12, e049955.	0.8	9
2	A brain network for deep brain stimulation induced cognitive decline in Parkinson's disease. <i>Brain</i> , 2022, 145, 1410-1421.	3.7	36
3	Neurodegeneration by α -synuclein-specific T cells in AAV-A53T- α -synuclein Parkinson's disease mice. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 194-210.	2.0	34
4	Deep Brain Stimulation for Arm Tremor: A Randomized Trial Comparing Two Targets. <i>Annals of Neurology</i> , 2022, 91, 585-601.	2.8	20
5	Optimal deep brain stimulation sites and networks for cervical vs. generalized dystonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2114985119.	3.3	26
6	Quality of Life After Deep Brain Stimulation of Pediatric Patients with Dyskinetic Cerebral Palsy: A Prospective, Single-Arm, Multicenter Study with a Subsequent Randomized Double-Blind Crossover (<sc>STIM-CP</sc>). <i>Movement Disorders</i> , 2022, 37, 799-811.	2.2	10
7	Association of Intraventricular Fibrinolysis With Clinical Outcomes in Intracerebral Hemorrhage: An Individual Participant Data Meta-Analysis. <i>Stroke</i> , 2022, 53, 2876-2886.	1.0	11
8	The Deep Brain Stimulation Impairment Scale: A useful complement in assessment of well-being and functioning in DBS-patients – Results from a large multicentre survey in patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2022, 99, 8-15.	1.1	0
9	Troubleshooting Gait Disturbances in Parkinson's Disease With Deep Brain Stimulation. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	6
10	Extrahepatic portosystemic shunts as an unusual but treatable cause of hyperammonemic encephalopathy in a noncirrhotic patient – a case report. <i>Therapeutic Advances in Neurological Disorders</i> , 2022, 15, 175628642210976.	1.5	1
11	Temporal, spatial and molecular pattern of dopaminergic neurodegeneration in the AAV-A53T α -synuclein rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2022, 432, 113968.	1.2	5
12	Age-dependent neurodegeneration and neuroinflammation in a genetic A30P/A53T double-mutated α -synuclein mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2022, 171, 105798.	2.1	8
13	A translational perspective on pathophysiological changes of oscillatory activity in dystonia and parkinsonism. <i>Experimental Neurology</i> , 2022, 355, 114140.	2.0	12
14	Longitudinal Assessment of Rotation Angles after Implantation of Directional Deep Brain Stimulation Leads. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 150-158.	0.8	22
15	<sc><i>EIF2AK2</i></sc> Missense Variants Associated with Early Onset Generalized Dystonia. <i>Annals of Neurology</i> , 2021, 89, 485-497.	2.8	32
16	Technology of deep brain stimulation: current status and future directions. <i>Nature Reviews Neurology</i> , 2021, 17, 75-87.	4.9	341
17	Truncating <sc><i>VPS16</i></sc> Mutations Are Rare in Early Onset Dystonia. <i>Annals of Neurology</i> , 2021, 89, 625-626.	2.8	14
18	Directional Leads for Deep Brain Stimulation: Technical Notes and Experiences. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 1-8.	0.8	8

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19	Mesencephalic Electrical Stimulation Reduces Neuroinflammation after Photothrombotic Stroke in Rats by Targeting the Cholinergic Anti-Inflammatory Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1254.	1.8	10
20	Deep Brain Stimulation for Stroke: Continuous Stimulation of the Pedunculopontine Tegmental Nucleus has no Impact on Skilled Walking in Rats After Photothrombotic Stroke. <i>Current Neurovascular Research</i> , 2021, 17, 636-643.	0.4	1
21	A Recurrent <i>EIF2AK2</i> Missense Variant Causes Autosomal-Dominant Isolated Dystonia. <i>Annals of Neurology</i> , 2021, 89, 1257-1258.	2.8	10
22	Impaired reach-to-grasp kinematics in parkinsonian patients relates to dopamine-dependent, subthalamic beta bursts. <i>Npj Parkinson's Disease</i> , 2021, 7, 53.	2.5	14
23	Dermal and cardiac autonomic fiber involvement in Parkinson's disease and multiple system atrophy. <i>Neurobiology of Disease</i> , 2021, 153, 105332.	2.1	17
24	Changing Gears – DBS For Dopaminergic Desensitization in Parkinson's Disease?. <i>Annals of Neurology</i> , 2021, 90, 699-710.	2.8	22
25	The evolution of dystonia-like movements in TOR1A rats after transient nerve injury is accompanied by dopaminergic dysregulation and abnormal oscillatory activity of a central motor network. <i>Neurobiology of Disease</i> , 2021, 154, 105337.	2.1	18
26	LIPAD (LRRK2/Luebeck International Parkinson's Disease) Study Protocol: Deep Phenotyping of an International Genetic Cohort. <i>Frontiers in Neurology</i> , 2021, 12, 710572.	1.1	3
27	Deep Brain Stimulation for Tremor: Update on Long-Term Outcomes, Target Considerations and Future Directions. <i>Journal of Clinical Medicine</i> , 2021, 10, 3468.	1.0	17
28	Predicting Outcome in a Cohort of Isolated and Combined Dystonia within Probabilistic Brain Mapping. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 1234-1239.	0.8	5
29	Clinical perspectives of adaptive deep brain stimulation. <i>Brain Stimulation</i> , 2021, 14, 1238-1247.	0.7	36
30	Eight-hours conventional versus adaptive deep brain stimulation of the subthalamic nucleus in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 88.	2.5	32
31	Second hit hypothesis in dystonia: Dysfunctional cross talk between neuroplasticity and environment?. <i>Neurobiology of Disease</i> , 2021, 159, 105511.	2.1	14
32	Deep brain stimulation: is it time to change gears by closing the loop?. <i>Journal of Neural Engineering</i> , 2021, 18, 061001.	1.8	13
33	Reduced Programming Time and Strong Symptom Control Even in Chronic Course Through Imaging-Based DBS Programming. <i>Frontiers in Neurology</i> , 2021, 12, 785529.	1.1	23
34	Diagnostic value of skin RT-QuIC in Parkinson's disease: a two-laboratory study. <i>Npj Parkinson's Disease</i> , 2021, 7, 99.	2.5	41
35	DIPS (Dystonia Image-based Programming of Stimulation: a prospective, randomized, double-blind) Tj ETQq1 1 0.784314 rgBJ /Overlo	1.0	2
36	Striatal dopaminergic dysregulation and dystonia-like movements induced by sensorimotor stress in a pharmacological mouse model of rapid-onset dystonia-parkinsonism. <i>Experimental Neurology</i> , 2020, 323, 113109.	2.0	8

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37	Defining the clinical, molecular and imaging spectrum of adaptor protein complex 4-associated hereditary spastic paraplegia. <i>Brain</i> , 2020, 143, 2929-2944.	3.7	29
38	Parkinson's disease may reduce sensitivity to visual-tactile asynchrony irrespective of dopaminergic treatment: Evidence from the rubber hand illusion. <i>Parkinsonism and Related Disorders</i> , 2020, 78, 100-104.	1.1	2
39	Monogenic variants in dystonia: an exome-wide sequencing study. <i>Lancet Neurology</i> , The, 2020, 19, 908-918.	4.9	139
40	LSVT-BIG therapy in Parkinson's disease: physiological evidence for proprioceptive recalibration. <i>BMC Neurology</i> , 2020, 20, 276.	0.8	8
41	Differential diagnosis of parkinsonism: a head-to-head comparison of FDG PET and MIBG scintigraphy. <i>Npj Parkinson's Disease</i> , 2020, 6, 39.	2.5	8
42	Gait initiation in progressive supranuclear palsy: brain metabolic correlates. <i>NeuroImage: Clinical</i> , 2020, 28, 102408.	1.4	21
43	A Single Session of Anodal Cerebellar Transcranial Direct Current Stimulation Does Not Induce Facilitation of Locomotor Consolidation in Patients With Multiple Sclerosis. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 588671.	1.0	10
44	Combined subthalamic and nucleus basalis of Meynert deep brain stimulation for Parkinson's disease with dementia (DEMPARK-DBS): protocol of a randomized, sham-controlled trial. <i>Neurological Research and Practice</i> , 2020, 2, 41.	1.0	3
45	Brain metabolic alterations herald falls in patients with Parkinson's disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 579-583.	1.7	9
46	Gait Initiation in Parkinson's Disease: Impact of Dopamine Depletion and Initial Stance Condition. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 137.	2.0	32
47	Relation of infarction location and volume to vertigo in vertebrobasilar stroke. <i>Brain and Behavior</i> , 2020, 10, e01564.	1.0	7
48	A New Stimulation Mode for Deep Brain Stimulation in Parkinson's Disease: Theta Burst Stimulation. <i>Movement Disorders</i> , 2020, 35, 1471-1475.	2.2	20
49	Red flags for a concomitant giant cell arteritis in patients with vertebrobasilar stroke: a cross-sectional study and systematic review. <i>Acta Neurologica Belgica</i> , 2020, 120, 1389-1398.	0.5	10
50	Management of Advanced Therapies in Parkinson's Disease Patients in Times of Humanitarian Crisis: The COVID-19 Experience. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 361-372.	0.8	91
51	Cortical network fingerprints predict deep brain stimulation outcome in dystonia. <i>Movement Disorders</i> , 2019, 34, 1537-1546.	2.2	16
52	Levodopa Modulates Functional Connectivity in the Upper Beta Band Between Subthalamic Nucleus and Muscle Activity in Tonic and Phasic Motor Activity Patterns in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 223.	1.0	9
53	Freezing of gait in Parkinson's disease reflects a sudden derangement of locomotor network dynamics. <i>Brain</i> , 2019, 142, 2037-2050.	3.7	96
54	Deep Brain Stimulation in Movement Disorders: From Experimental Surgery to Evidence-Based Therapy. <i>Movement Disorders</i> , 2019, 34, 1795-1810.	2.2	137

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55	Association of Surgical Hematoma Evacuation vs Conservative Treatment With Functional Outcome in Patients With Cerebellar Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1392.	3.8	91
56	Symptomatic vs. Asymptomatic 20-40% Internal Carotid Artery Stenosis: Does the Plaque Size Matter?. <i>Frontiers in Neurology</i> , 2019, 10, 960.	1.1	10
57	Evaluation of a programming algorithm for deep brain stimulation in dystonia used in a double-blind, sham-controlled multicenter study. <i>Neurological Research and Practice</i> , 2019, 1, 25.	1.0	7
58	Electrical Stimulation of the Mesencephalic Locomotor Region Has No Impact on Blood-Brain Barrier Alterations after Cerebral Photothrombosis in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4036.	1.8	0
59	Are Cerebral White Matter Lesions Related to the Presence of Bilateral Internal Carotid Artery Stenosis or to the Length of Stenosis Among Patients With Ischemic Cerebrovascular Events?. <i>Frontiers in Neurology</i> , 2019, 10, 919.	1.1	5
60	Deep brain stimulation: current challenges and future directions. <i>Nature Reviews Neurology</i> , 2019, 15, 148-160.	4.9	721
61	Electrical Stimulation of the Mesencephalic Locomotor Region Attenuates Neuronal Loss and Cytokine Expression in the Perifocal Region of Photothrombotic Stroke in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2341.	1.8	10
62	Characteristics in Non-Vitamin K Antagonist Oral Anticoagulant-Related Intracerebral Hemorrhage. <i>Stroke</i> , 2019, 50, 1392-1402.	1.0	21
63	Heparin for prophylaxis of venous thromboembolism in intracerebral haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 783-791.	0.9	18
64	Stenosis Length and Degree Interact With the Risk of Cerebrovascular Events Related to Internal Carotid Artery Stenosis. <i>Frontiers in Neurology</i> , 2019, 10, 317.	1.1	18
65	Monitoring subthalamic oscillations for 24 hours in a freely moving Parkinson's disease patient. <i>Movement Disorders</i> , 2019, 34, 757-759.	2.2	28
66	Sit-to-walk performance in Parkinson's disease: A comparison between faller and non-faller patients. <i>Clinical Biomechanics</i> , 2019, 63, 140-146.	0.5	22
67	Rescuing Suboptimal Outcomes of Subthalamic Deep Brain Stimulation in Parkinson Disease by Surgical Lead Revision. <i>Neurosurgery</i> , 2019, 85, E314-E321.	0.6	23
68	Probabilistic mapping of the antidystonic effect of pallidal neurostimulation: a multicentre imaging study. <i>Brain</i> , 2019, 142, 1386-1398.	3.7	105
69	Pallidal neurostimulation versus botulinum toxin injections in the treatment of cervical dystonia: protocol of a randomized, sham-controlled trial (StimTox-CD). <i>Neurological Research and Practice</i> , 2019, 1, 2.	1.0	1
70	Increased Finger-Tapping Related Cerebellar Activation in Cervical Dystonia, Enhanced by Transcranial Stimulation: An Indicator of Compensation?. <i>Frontiers in Neurology</i> , 2019, 10, 231.	1.1	18
71	Development of evidence-based quality indicators for deep brain stimulation in patients with Parkinson's disease and first year experience of implementation of a nation-wide registry. <i>Parkinsonism and Related Disorders</i> , 2019, 60, 3-9.	1.1	7
72	Quality of life predicts outcome of deep brain stimulation in early Parkinson disease. <i>Neurology</i> , 2019, 92, e1109-e1120.	1.5	73

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73	Directional Deep Brain Stimulation. <i>Neurotherapeutics</i> , 2019, 16, 100-104.	2.1	81
74	Utility and implications of exome sequencing in early-onset Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 133-137.	2.2	36
75	Association of Pallidal Neurostimulation and Outcome Predictors With X-linked Dystonia Parkinsonism. <i>JAMA Neurology</i> , 2019, 76, 211.	4.5	36
76	Management of therapeutic anticoagulation in patients with intracerebral haemorrhage and mechanical heart valves. <i>European Heart Journal</i> , 2018, 39, 1709-1723.	1.0	76
77	Eight-hours adaptive deep brain stimulation in patients with Parkinson disease. <i>Neurology</i> , 2018, 90, e971-e976.	1.5	181
78	STN DBS for Advanced Parkinson Disease Simultaneously Alleviates Cluster Headache. <i>Case Reports in Neurology</i> , 2018, 9, 289-292.	0.3	3
79	Behavioural outcomes of subthalamic stimulation and medical therapy versus medical therapy alone for Parkinson's disease with early motor complications (EARLYSTIM trial): secondary analysis of an open-label randomised trial. <i>Lancet Neurology</i> , The, 2018, 17, 223-231.	4.9	105
80	Altered motor plasticity in an acute relapse of multiple sclerosis. <i>European Journal of Neuroscience</i> , 2018, 47, 251-257.	1.2	11
81	Postoperative rehabilitation after deep brain stimulation surgery for movement disorders. <i>Clinical Neurophysiology</i> , 2018, 129, 592-601.	0.7	17
82	Frontal Lobe Connectivity and Network Community Characteristics are Associated with the Outcome of Subthalamic Nucleus Deep Brain Stimulation in Patients with Parkinson's Disease. <i>Brain Topography</i> , 2018, 31, 311-321.	0.8	35
83	Pulse duration settings in subthalamic stimulation for Parkinson's disease. <i>Movement Disorders</i> , 2018, 33, 165-169.	2.2	51
84	Subthalamotomy for Parkinson's disease: back to the future?. <i>Lancet Neurology</i> , The, 2018, 17, 23-24.	4.9	2
85	Dermal Phospho-Alpha-Synuclein Deposition in Patients With Parkinson's Disease and Mutation of the Glucocerebrosidase Gene. <i>Frontiers in Neurology</i> , 2018, 9, 1094.	1.1	16
86	Reply to "The paper that wrote itself" a ghost story. <i>Movement Disorders</i> , 2018, 33, 1510-1511.	2.2	1
87	Neurostimulation in tardive dystonia/dyskinesia: A delayed start, sham stimulation-controlled randomized trial. <i>Brain Stimulation</i> , 2018, 11, 1368-1377.	0.7	35
88	Young-onset multiple system atrophy: Clinical and pathological features. <i>Movement Disorders</i> , 2018, 33, 1099-1107.	2.2	30
89	Anodic versus cathodic neurostimulation of the subthalamic nucleus: A randomized-controlled study of acute clinical effects. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 61-67.	1.1	50
90	Retinal changes in Parkinson's disease and glaucoma. <i>Parkinsonism and Related Disorders</i> , 2018, 56, 41-46.	1.1	34

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91	Do We Need to Rethink the Epidemiology and Healthcare Utilization of Parkinson's Disease in Germany?. <i>Frontiers in Neurology</i> , 2018, 9, 500.	1.1	45
92	Phase matters: A role for the subthalamic network during gait. <i>PLoS ONE</i> , 2018, 13, e0198691.	1.1	38
93	Viewpoint and practical recommendations from a movement disorder specialist panel on objective measurement in the clinical management of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 14.	2.5	70
94	Cortical response to levodopa in Parkinson's disease patients with dyskinesias. <i>European Journal of Neuroscience</i> , 2018, 48, 2362-2373.	1.2	9
95	Consensus for the measurement of the camptocormia angle in the standing patient. <i>Parkinsonism and Related Disorders</i> , 2018, 52, 1-5.	1.1	49
96	Development and validation of the deep brain stimulation impairment scale (DBS-IS). <i>Parkinsonism and Related Disorders</i> , 2017, 36, 69-75.	1.1	9
97	Intraoperative Thresholds for Capsular Stimulation Are Reliable for Chronic Pallidal Deep Brain Stimulation in Dystonia. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 79-85.	0.8	6
98	Effects of DBS in parkinsonian patients depend on the structural integrity of frontal cortex. <i>Scientific Reports</i> , 2017, 7, 43571.	1.6	38
99	Dermal phospho-alpha-synuclein deposits confirm REM sleep behaviour disorder as prodromal Parkinson's disease. <i>Acta Neuropathologica</i> , 2017, 133, 535-545.	3.9	195
100	Subthalamic nucleus deep brain stimulation is neuroprotective in the A53T α -synuclein Parkinson's disease rat model. <i>Annals of Neurology</i> , 2017, 81, 825-836.	2.8	68
101	Thalamic deep brain stimulation for orthostatic tremor: A multicenter international registry. <i>Movement Disorders</i> , 2017, 32, 1240-1244.	2.2	30
102	Connectivity Predicts deep brain stimulation outcome in Parkinson disease. <i>Annals of Neurology</i> , 2017, 82, 67-78.	2.8	514
103	The deep brain stimulation impairment scale (DBS-IS) - response to Jahanshahi. <i>Parkinsonism and Related Disorders</i> , 2017, 41, 133-134.	1.1	2
104	Parkinson disease. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17013.	18.1	3,048
105	Reply to "Can STN DBS protect both nigral somata and innervation of the striatum?". <i>Annals of Neurology</i> , 2017, 82, 856-856.	2.8	1
106	Stimulation of the mesencephalic locomotor region for gait recovery after stroke. <i>Annals of Neurology</i> , 2017, 82, 828-840.	2.8	23
107	Development of a head-mounted wireless microstimulator for deep brain stimulation in rats. <i>Journal of Neuroscience Methods</i> , 2017, 291, 249-256.	1.3	18
108	Directional leads for deep brain stimulation: Opportunities and challenges. <i>Movement Disorders</i> , 2017, 32, 1371-1375.	2.2	81

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109	Stereological Estimation of Dopaminergic Neuron Number in the Mouse Substantia Nigra Using the Optical Fractionator and Standard Microscopy Equipment. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	27
110	Pallidal DBS for dystonia in the age of personalized medicine. <i>Parkinsonism and Related Disorders</i> , 2017, 45, 101-102.	1.1	3
111	Cholinergic activity and levodopa-induced dyskinesia: a multitracer molecular imaging study. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 632-639.	1.7	15
112	Causes of failure of pallidal deep brain stimulation in cases with pre-operative diagnosis of isolated dystonia. <i>Parkinsonism and Related Disorders</i> , 2017, 43, 38-48.	1.1	51
113	Reply: Clinical approach to delayed-onset cerebellar impairment following deep brain stimulation for tremor. <i>Brain</i> , 2017, 140, e28-e28.	3.7	5
114	Opposite effects of l -dopa and DBS-STN on saccadic eye movements in advanced Parkinson's disease. <i>Neurologia i Neurochirurgia Polska</i> , 2017, 51, 354-360.	0.6	10
115	Deep Brain Stimulation for the Dystonias: Evidence, Knowledge Gaps, and Practical Considerations. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 486-494.	0.8	31
116	Targeting of the Subthalamic Nucleus for Deep Brain Stimulation: A Survey Among Parkinson Disease Specialists. <i>World Neurosurgery</i> , 2017, 99, 41-46.	0.7	45
117	ALS and MMN mimics in patients with BSCL2 mutations: the expanding clinical spectrum of SPG17 hereditary spastic paraplegia. <i>Journal of Neurology</i> , 2017, 264, 11-20.	1.8	15
118	Innovations in deep brain stimulation methodology. <i>Movement Disorders</i> , 2017, 32, 11-19.	2.2	121
119	Adult-Onset Niemann-Pick Disease Type C: Rapid Treatment Initiation Advised but Early Diagnosis Remains Difficult. <i>Frontiers in Neurology</i> , 2017, 8, 108.	1.1	9
120	Movement-Related Activity of Human Subthalamic Neurons during a Reach-to-Grasp Task. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 436.	1.0	15
121	Unmet Needs in the Management of Cervical Dystonia. <i>Frontiers in Neurology</i> , 2016, 7, 165.	1.1	20
122	Striatal Dopaminergic Innervation Regulates Subthalamic Beta-Oscillations and Cortical-Subcortical Coupling during Movements: Preliminary Evidence in Subjects with Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 611.	1.0	45
123	Successful Treatment of Blepharospasm by Pallidal Neurostimulation. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 409-411.	0.8	9
124	Split-belt locomotion in Parkinson's disease links asymmetry, dyscoordination and sequence effect. <i>Gait and Posture</i> , 2016, 48, 6-12.	0.6	41
125	Progressive gait ataxia following deep brain stimulation for essential tremor: adverse effect or lack of efficacy?. <i>Brain</i> , 2016, 139, 2948-2956.	3.7	119
126	Directional deep brain stimulation of the subthalamic nucleus: A pilot study using a novel neurostimulation device. <i>Movement Disorders</i> , 2016, 31, 1240-1243.	2.2	199

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127	Distinctive neuronal firing patterns in subterritories of the subthalamic nucleus. <i>Clinical Neurophysiology</i> , 2016, 127, 3387-3393.	0.7	17
128	Idiopathic delayed-onset edema surrounding deep brain stimulation leads: Insights from a case series and systematic literature review. <i>Parkinsonism and Related Disorders</i> , 2016, 32, 108-115.	1.1	22
129	A Novel Approach to Assess Motor Outcome of Deep Brain Stimulation Effects in the Hemiparkinsonian Rat: Staircase and Cylinder Test. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	6
130	Tor1a [±] mice develop dystonia-like movements via a striatal dopaminergic dysregulation triggered by peripheral nerve injury. <i>Acta Neuropathologica Communications</i> , 2016, 4, 108.	2.4	27
131	Skin biopsies in the differential diagnosis of parkinsonism: are we ready for simplified protocols?. <i>Brain</i> , 2016, 139, e5-e5.	3.7	20
132	Susceptibility Sensitive Magnetic Resonance Imaging Displays Pallidofugal and Striatonigral Fiber Tracts. <i>Operative Neurosurgery</i> , 2016, 12, 330-338.	0.4	10
133	Reply to comment on: Short pulse width widens the therapeutic window of subthalamic neurostimulation. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 986-986.	1.7	4
134	Microelectrode Guided Implantation of Electrodes into the Subthalamic Nucleus of Rats for Long-term Deep Brain Stimulation. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	7
135	Distinctive distribution of phospho-alpha-synuclein in dermal nerves in multiple system atrophy. <i>Movement Disorders</i> , 2015, 30, 1688-1692.	2.2	91
136	Full Parkinsonian Triad Induced by Pallidal High-Frequency Stimulation in Cervical Dystonia. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 99-101.	0.8	13
137	Deep Brain Stimulation in Neurological and Psychiatric Disorders. <i>Deutsches &#x0308;rzteblatt International</i> , 2015, 112, 519-26.	0.6	30
138	Cognitive outcome of pallidal deep brain stimulation for primary cervical dystonia: One year follow up results of a prospective multicenter trial. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 976-980.	1.1	24
139	Euro<sc>l</sc>nf: <sc>A</sc> <sc>M</sc>lticenter <sc>C</sc>omparative <sc>O</sc>bservational <sc>S</sc>tudy of <sc>A</sc>omorphine and <sc>L</sc>evodopa <sc>I</sc>nfusion in <sc>P</sc>arkinson's <sc>D</sc>isease. <i>Movement Disorders</i> , 2015, 30, 510-516.	2.2	203
140	Short- and long-term outcome of chronic pallidal neurostimulation in monogenic isolated dystonia. <i>Neurology</i> , 2015, 84, 895-903.	1.5	117
141	Anticoagulant Reversal, Blood Pressure Levels, and Anticoagulant Resumption in Patients With Anticoagulation-Related Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 824.	3.8	447
142	Short pulse width widens the therapeutic window of subthalamic neurostimulation. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 427-432.	1.7	127
143	Selective changes of ocular vestibular myogenic potentials in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 584-589.	2.2	29
144	Subthalamic nucleus stimulation improves Parkinsonian gait via brainstem locomotor centers. <i>Movement Disorders</i> , 2015, 30, 1121-1125.	2.2	30

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145	The medical treatment of patients with Parkinson's disease receiving subthalamic neurostimulation. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 555-560.	1.1	12
146	Lymphocytes reduce nigrostriatal deficits in the 6-hydroxydopamine mouse model of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2015, 122, 1633-1643.	1.4	15
147	Gait Initiation in Children with Rett Syndrome. <i>PLoS ONE</i> , 2014, 9, e92736.	1.1	30
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