

# Andrea A KÃ¼hn

## List of Publications by Year in descending order

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Version: 2024-02-01

222  
papers

14,958  
citations

25034

57  
h-index

24258

110  
g-index

246  
all docs

246  
docs citations

246  
times ranked

7400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subthalamic and pallidal deep brain stimulation: are we modulating the same network?. Brain, 2022, 145, 251-262.	7.6	27
2	High Frequency of Low-Virulent Microorganisms Detected by Sonication of Implanted Pulse Generators: So What?. Stereotactic and Functional Neurosurgery, 2022, 100, 8-13.	1.5	4
3	Electrophysiological connectivity measures from deep brain stimulation (DBS)-targets in Parkinsonâ€™s disease and dystonia. , 2022, , 339-356.		2
4	Investigating cognitive neuroscience concepts using connectomic DBS. , 2022, , 483-504.		0
5	Real-time phase and amplitude estimation of neurophysiological signals exploiting a non-resonant oscillator. Experimental Neurology, 2022, 347, 113869.	4.1	5
6	<sc>StimFitâ€™</sc>A Dataâ€™Driven Algorithm for Automated Deep Brain Stimulation Programming. Movement Disorders, 2022, 37, 574-584.	3.9	20
7	Etiologies of insomnia in Parkinson's disease â€™ Lessons from human studies and animal models. Experimental Neurology, 2022, 350, 113976.	4.1	16
8	Brain oscillatory dysfunctions in dystonia. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 249-257.	1.8	8
9	A neural network for tics: insights from causal brain lesions and deep brain stimulation. Brain, 2022, 145, 4385-4397.	7.6	32
10	Long-term effects of pallidal deep brain stimulation in tardive dystonia: a follow-up of 5â€™14â€™years. Journal of Neurology, 2022, 269, 3563-3568.	3.6	5
11	Reviewâ€™Emerging Portable Technologies for Gait Analysis in Neurological Disorders. Frontiers in Human Neuroscience, 2022, 16, 768575.	2.0	11
12	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
13	Toward personalized medicine in connectomic deep brain stimulation. Progress in Neurobiology, 2022, 210, 102211.	5.7	31
14	Deep brain stimulation electrode modeling in rats. Experimental Neurology, 2022, 350, 113978.	4.1	4
15	Probabilistic Mapping Reveals Optimal Stimulation Site in Essential Tremor. Annals of Neurology, 2022, 91, 602-612.	5.3	18
16	Cortical phase-amplitude coupling is key to the occurrence and treatment of freezing of gait. Brain, 2022, 145, 2407-2421.	7.6	23
17	Optimal deep brain stimulation sites and networks for cervical vs. generalized dystonia. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2114985119.	7.1	26
18	No evidence of impaired visual and tactile metacognition in adults with tourette disorder. Parkinsonism and Related Disorders, 2022, 97, 29-33.	2.2	1

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19	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 (<sc>STIMâ€CP</sc>). <i>Movement Disorders</i> , 2022, 37, 799-811.	3.9	10
20	Toward therapeutic electrophysiology: beta-band suppression as a biomarker in chronic local field potential recordings. <i>Npj Parkinson's Disease</i> , 2022, 8, 44.	5.3	49
21	The Deep Brain Stimulation Impairment Scale: A useful complement in assessment of well-being and functioning in DBS-patients â€ Results from a large multicentre survey in patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2022, 99, 8-15.	2.2	0
22	Functional connectivity maps of theta/alpha and beta coherence within the subthalamic nucleus region. <i>NeuroImage</i> , 2022, 257, 119320.	4.2	15
23	A practical guide to invasive neurophysiology in patients with deep brain stimulation. <i>Clinical Neurophysiology</i> , 2022, 140, 171-180.	1.5	10
24	Lead-OR: A multimodal platform for deep brain stimulation surgery. <i>ELife</i> , 2022, 11, .	6.0	11
25	A translational perspective on pathophysiological changes of oscillatory activity in dystonia and parkinsonism. <i>Experimental Neurology</i> , 2022, 355, 114140.	4.1	12
26	Overnight unilateral withdrawal of thalamic deep brain stimulation to identify reversibility of gait disturbances. <i>Experimental Neurology</i> , 2022, 355, 114135.	4.1	1
27	Clinical neurophysiology of Parkinsonâ€™s disease and parkinsonism. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 201-227.	1.4	28
28	Diurnal modulation of subthalamic beta oscillatory power in Parkinsonâ€™s disease patients during deep brain stimulation. <i>Npj Parkinson's Disease</i> , 2022, 8, .	5.3	30
29	Six Action Steps to Address Global Disparities in Parkinson Disease. <i>JAMA Neurology</i> , 2022, 79, 929.	9.0	39
30	A computational modelâ€based analysis of basal ganglia pathway changes in Parkinsonâ€™s disease inferred from restingâ€state fMRI. <i>European Journal of Neuroscience</i> , 2021, 53, 2278-2295.	2.6	14
31	Subthalamic beta oscillations correlate with dopaminergic degeneration in experimental parkinsonism. <i>Experimental Neurology</i> , 2021, 335, 113513.	4.1	21
32	Probabilistic Mapping of Deep Brain Stimulation: Insights from 15â€™Years of Therapy. <i>Annals of Neurology</i> , 2021, 89, 426-443.	5.3	68
33	Levodopaâ€induced Dyskinesia Are Mediated by Cortical Gamma Oscillations in Experimental Parkinsonism. <i>Movement Disorders</i> , 2021, 36, 927-937.	3.9	23
34	Subthalamic stimulation impairs stopping of ongoing movements. <i>Brain</i> , 2021, 144, 44-52.	7.6	33
35	<sc>i>EIF2AK2</i> Missense Variants Associated with Early Onset Generalized Dystonia. <i>Annals of Neurology</i> , 2021, 89, 485-497.	5.3	32
36	Longâ€term effects of pallidal and thalamic deep brain stimulation in myoclonus dystonia. <i>European Journal of Neurology</i> , 2021, 28, 1566-1573.	3.3	12

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37	Novel Mutation in the TSM Gene Causes an Early Onset Complex Chorea without Basal Ganglia Lesions. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 453-455.	1.5	1
38	Sign-specific stimulation "hot" and "cold" spots in Parkinson's disease validated with machine learning. <i>Brain Communications</i> , 2021, 3, fcab027.	3.9	20
39	Subthalamic beta band suppression reflects effective neuromodulation in chronic recordings. <i>European Journal of Neurology</i> , 2021, 28, 2372-2377.	3.3	46
40	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021, 90, 701-713.	1.3	41
41	Aggression Toward Others Misdiagnosed as Primary Tics. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 769-771.	1.5	9
42	Intact Organization of Tactile Space Perception in Isolated Focal Dystonia. <i>Movement Disorders</i> , 2021, 36, 1949-1955.	3.9	7
43	Risk of Infection after Deep Brain Stimulation Surgery with Externalization and Local-Field Potential Recordings: Twelve-Year Experience from a Single Institution. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 512-520.	1.5	19
44	CLOVER-DBS: Algorithm-Guided Deep Brain Stimulation-Programming Based on External Sensor Feedback Evaluated in a Prospective, Randomized, Crossover, Double-Blind, Two-Center Study. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1887-1899.	2.8	14
45	Brain stimulation and brain lesions converge on common causal circuits in neuropsychiatric disease. <i>Nature Human Behaviour</i> , 2021, 5, 1707-1716.	12.0	113
46	A Multi-Center Genome-Wide Association Study of Cervical Dystonia. <i>Movement Disorders</i> , 2021, 36, 2795-2801.	3.9	5
47	Local field potentials in Parkinson's disease: A frequency-based review. <i>Neurobiology of Disease</i> , 2021, 155, 105372.	4.4	48
48	Average beta burst duration profiles provide a signature of dynamical changes between the ON and OFF medication states in Parkinson's disease. <i>PLoS Computational Biology</i> , 2021, 17, e1009116.	3.2	28
49	Determining an efficient deep brain stimulation target in essential tremor - Cohort study and review of the literature. <i>Parkinsonism and Related Disorders</i> , 2021, 89, 54-62.	2.2	13
50	The sensitivity of ECG contamination to surgical implantation site in brain computer interfaces. <i>Brain Stimulation</i> , 2021, 14, 1301-1306.	1.6	43
51	Real-time estimation of phase and amplitude with application to neural data. <i>Scientific Reports</i> , 2021, 11, 18037.	3.3	9
52	Algorithms for Automated Calibration of Transcutaneous Spinal Cord Stimulation to Facilitate Clinical Applications. <i>Journal of Clinical Medicine</i> , 2021, 10, 5464.	2.4	5
53	Real-Time Detection of Freezing Motions in Parkinson's Patients for Adaptive Gait Phase Synchronous Cueing. <i>Frontiers in Neurology</i> , 2021, 12, 720516.	2.4	4
54	Deep Brain Stimulation for Freezing of Gait in Parkinson's Disease With Early Motor Complications. <i>Movement Disorders</i> , 2020, 35, 82-90.	3.9	43

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55	Neuromodulation effects of deep brain stimulation on beta rhythm: A longitudinal local field potential study. <i>Brain Stimulation</i> , 2020, 13, 1784-1792.	1.6	36
56	Reply to: Pallidal Low-Frequency Activity in Dystonia and Subthalamic Beta Activity in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1699-1699.	3.9	4
57	Deep brain stimulation reduces (nocturnal) dyskinetic exacerbations in patients with ADCY5 mutation: a case series. <i>Journal of Neurology</i> , 2020, 267, 3624-3631.	3.6	15
58	Printed by Parkinsonâ€™s: a neurological art project linking patient stories and biosignals. <i>Neurological Research and Practice</i> , 2020, 2, 37.	2.0	0
59	The Wide Phenotypic Spectrum of Î²-Hydroxyglutaric Aciduria in Adults. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 1004-1006.	1.5	0
60	Importance of Tissue Selection for Genetic Testing: Detection of a Terminal 18q Deletion after Stem Cell Transplantation. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 453-455.	1.5	0
61	Left Prefrontal Connectivity Links Subthalamic Stimulation with Depressive Symptoms. <i>Annals of Neurology</i> , 2020, 87, 962-975.	5.3	76
62	Waveform changes with the evolution of beta bursts in the human subthalamic nucleus. <i>Clinical Neurophysiology</i> , 2020, 131, 2086-2099.	1.5	13
63	Teaching Video NeurolImages: Paroxysmal hyperkinesia with diurnal fluctuations due to sepiapterin-reductase deficiency. <i>Neurology</i> , 2020, 95, e332-e334.	1.1	0
64	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. <i>Nature Communications</i> , 2020, 11, 3364.	12.8	199
65	Long-term effects of bilateral pallidal deep brain stimulation in dystonia: a follow-up between 8 and 16 years. <i>Journal of Neurology</i> , 2020, 267, 1622-1631.	3.6	28
66	Basal ganglia oscillations as biomarkers for targeting circuit dysfunction in Parkinson's disease. <i>Progress in Brain Research</i> , 2020, 252, 525-557.	1.4	15
67	Deep Brain Stimulation Initiative: Toward Innovative Technology, New Disease Indications, and Approaches to Current and Future Clinical Challenges in Neuromodulation Therapy. <i>Frontiers in Neurology</i> , 2020, 11, 597451.	2.4	27
68	Impact of deep brain stimulation of the subthalamic nucleus on natural language in patients with Parkinsonâ€™s disease. <i>PLoS ONE</i> , 2020, 15, e0244148.	2.5	8
69	Title is missing!. , 2020, 15, e0244148.		0
70	Title is missing!. , 2020, 15, e0244148.		0
71	Title is missing!. , 2020, 15, e0244148.		0
72	Title is missing!. , 2020, 15, e0244148.		0

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73	Deep brain stimulation induced normalization of the human functional connectome in Parkinson's disease. <i>Brain</i> , 2019, 142, 3129-3143.	7.6	109
74	Connectivity profile of thalamic deep brain stimulation to effectively treat essential tremor. <i>Brain</i> , 2019, 142, 3086-3098.	7.6	127
75	Probabilistic sweet spots predict motor outcome for deep brain stimulation in Parkinson disease. <i>Annals of Neurology</i> , 2019, 86, 527-538.	5.3	129
76	Pallidal low-frequency activity in dystonia after cessation of long-term deep brain stimulation. <i>Movement Disorders</i> , 2019, 34, 1734-1739.	3.9	33
77	The spectrum of involuntary vocalizations in humans: A video atlas. <i>Movement Disorders</i> , 2019, 34, 1774-1791.	3.9	24
78	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.	2.0	7
79	Teaching Video NeuroImages: Characteristic head jerks in congenital oculomotor apraxia due to Joubert syndrome. <i>Neurology</i> , 2019, 93, e1125-e1126.	1.1	1
80	Longterm outcome of cognition, affective state, and quality of life following subthalamic deep brain stimulation in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2019, 126, 309-318.	2.8	15
81	Subthalamic and pallidal oscillatory activity in patients with Neurodegeneration with Brain Iron Accumulation type I (NBIA-I). <i>Clinical Neurophysiology</i> , 2019, 130, 469-473.	1.5	20
82	Linking invasive and noninvasive neuromodulation techniques to study network properties of the brain. <i>Clinical Neurophysiology</i> , 2019, 130, 548-549.	1.5	0
83	Programming parameters of subthalamic deep brain stimulators in Parkinson's disease from a controlled trial. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 217-223.	2.2	6
84	Subthalamic neuromodulation improves short-term motor learning in Parkinson's disease. <i>Brain</i> , 2019, 142, 2198-2206.	7.6	37
85	Adverse events associated with deep brain stimulation in patients with childhood-onset dystonia. <i>Brain Stimulation</i> , 2019, 12, 1111-1120.	1.6	20
86	Probabilistic mapping of the antidystonic effect of pallidal neurostimulation: a multicentre imaging study. <i>Brain</i> , 2019, 142, 1386-1398.	7.6	105
87	Beta bursts during continuous movements accompany the velocity decrement in Parkinson's disease patients. <i>Neurobiology of Disease</i> , 2019, 127, 462-471.	4.4	112
88	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.	2.2	7
89	The effect of dopamine on response inhibition in Parkinson's disease relates to age-dependent patterns of nigrostriatal degeneration. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 185-190.	2.2	10
90	Remission in dystonia – Systematic review of the literature and meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 9-15.	2.2	26

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91	Shorter pulse width reduces gait disturbances following deep brain stimulation for essential tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1046-1050.	1.9	35
92	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. <i>NeuroImage</i> , 2019, 184, 293-316.	4.2	527
93	Pallidal beta bursts in Parkinson's disease and dystonia. <i>Movement Disorders</i> , 2019, 34, 420-424.	3.9	40
94	Toward Electrophysiology-Based Intelligent Adaptive Deep Brain Stimulation for Movement Disorders. <i>Neurotherapeutics</i> , 2019, 16, 105-118.	4.4	102
95	Role of ANO3 mutations in dystonia: A large-scale mutational screening study. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 196-200.	2.2	25
96	Connectivity Profile Predictive of Effective Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2019, 85, 735-743.	1.3	200
97	Sensorimotor subthalamic stimulation restores risk-reward trade-off in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 366-376.	3.9	30
98	Optimization and comparative evaluation of nonlinear deformation algorithms for atlas-based segmentation of DBS target nuclei. <i>NeuroImage</i> , 2019, 184, 586-598.	4.2	107
99	Toward defining deep brain stimulation targets in MNI space: A subcortical atlas based on multimodal MRI, histology and structural connectivity. <i>NeuroImage</i> , 2018, 170, 271-282.	4.2	422
100	Motor Cortical Plasticity Relates to Symptom Severity and Clinical Benefit From Deep Brain Stimulation in Cervical Dystonia. <i>Neuromodulation</i> , 2018, 21, 735-740.	0.8	41
101	Deep brain stimulation of the subcallosal cingulate gyrus in patients with treatment-resistant depression: A double-blinded randomized controlled study and long-term follow-up in eight patients. <i>Journal of Affective Disorders</i> , 2018, 227, 521-529.	4.1	58
102	Novel SGCE mutation in a patient with myoclonus-dystonia syndrome - Diagnostic delay of more than 40 years. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 131-132.	1.5	2
103	Functional segregation of basal ganglia pathways in Parkinson's disease. <i>Brain</i> , 2018, 141, 2655-2669.	7.6	62
104	Generic dynamic causal modelling: An illustrative application to Parkinson's disease. <i>NeuroImage</i> , 2018, 181, 818-830.	4.2	41
105	Pallidal and thalamic neural oscillatory patterns in tourette's syndrome. <i>Annals of Neurology</i> , 2018, 84, 505-514.	5.3	65
106	Reinforcement magnitudes modulate subthalamic beta band activity in patients with Parkinson's disease. <i>Scientific Reports</i> , 2018, 8, 8621.	3.3	9
107	Less Is More - Estimation of the Number of Strides Required to Assess Gait Variability in Spatially Confined Settings. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 435.	3.4	41
108	Dopamine-dependent scaling of subthalamic gamma bursts with movement velocity in patients with Parkinson's disease. <i>ELife</i> , 2018, 7, .	6.0	114

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109	Development and validation of the deep brain stimulation impairment scale (DBS-IS). <i>Parkinsonism and Related Disorders</i> , 2017, 36, 69-75.	2.2	9
110	A novel de-novo mutation in the ATP1A3 gene causing rapid-onset dystonia parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2017, 37, 120-122.	2.2	2
111	Probabilistic conversion of neurosurgical DBS electrode coordinates into MNI space. <i>NeuroImage</i> , 2017, 150, 395-404.	4.2	121
112	Connectivity Predicts deep brain stimulation outcome in Parkinson disease. <i>Annals of Neurology</i> , 2017, 82, 67-78.	5.3	514
113	The deep brain stimulation impairment scale (DBS-IS) - response to Jahanshahi. <i>Parkinsonism and Related Disorders</i> , 2017, 41, 133-134.	2.2	2
114	Toward an electrophysiological "sweet spot" for deep brain stimulation in the subthalamic nucleus. <i>Human Brain Mapping</i> , 2017, 38, 3377-3390.	3.6	210
115	Alternating Hemiplegia of Childhood as a New Presentation of Adenylate Cyclase 5-Mutation-Associated Disease: A Report of Two Cases. <i>Journal of Pediatrics</i> , 2017, 181, 306-308.e1.	1.8	24
116	Subthalamic beta power "Unified Parkinson's disease rating scale" correlations require akinetic symptoms. <i>Movement Disorders</i> , 2017, 32, 175-176.	3.9	27
117	Differential effects of levodopa and apomorphine on neuronal population oscillations in the cortico-basal ganglia loop circuit in vivo in experimental parkinsonism. <i>Experimental Neurology</i> , 2017, 298, 122-133.	4.1	20
118	Long term correlation of subthalamic beta band activity with motor impairment in patients with Parkinson's disease. <i>Clinical Neurophysiology</i> , 2017, 128, 2286-2291.	1.5	118
119	Beta burst dynamics in Parkinson's disease OFF and ON dopaminergic medication. <i>Brain</i> , 2017, 140, 2968-2981.	7.6	285
120	Pallidal DBS for dystonia in the age of personalized medicine. <i>Parkinsonism and Related Disorders</i> , 2017, 45, 101-102.	2.2	3
121	Reply: Oscillatory coupling of the subthalamic nucleus in obsessive compulsive disorder. <i>Brain</i> , 2017, 140, e57-e57.	7.6	8
122	Subthalamic nucleus stimulation impairs emotional conflict adaptation in Parkinson's disease. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1594-1604.	3.0	9
123	Low-beta cortico-pallidal coherence decreases during movement and correlates with overall reaction time. <i>NeuroImage</i> , 2017, 159, 1-8.	4.2	31
124	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.	2.2	51
125	Acute & In Vivo Electrophysiological Recordings of Local Field Potentials and Multi-unit Activity from the Hyperdirect Pathway in Anesthetized Rats. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
126	High-fat diet-induced obesity and insulin resistance are characterized by differential beta oscillatory signaling of the limbic cortico-basal ganglia loop. <i>Scientific Reports</i> , 2017, 7, 15555.	3.3	9



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127	A localized pallidal physiomaer in cervical dystonia. <i>Annals of Neurology</i> , 2017, 82, 912-924.	5.3	126
128	Subthalamic beta dynamics mirror Parkinsonian bradykinesia months after neurostimulator implantation. <i>Movement Disorders</i> , 2017, 32, 1183-1190.	3.9	65
129	Cognitive performance correlates with the degree of dopaminergic degeneration in the associative part of the striatum in non-demented Parkinson's patients. <i>Journal of Neural Transmission</i> , 2017, 124, 1073-1081.	2.8	20
130	Targeting of the Subthalamic Nucleus for Deep Brain Stimulation: A Survey Among Parkinson Disease Specialists. <i>World Neurosurgery</i> , 2017, 99, 41-46.	1.3	45
131	Thalamic deep brain stimulation decelerates automatic lexical activation. <i>Brain and Cognition</i> , 2017, 111, 34-43.	1.8	23
132	Innovations in deep brain stimulation methodology. <i>Movement Disorders</i> , 2017, 32, 11-19.	3.9	121
133	Subcortical roles in lexical task processing: Inferences from thalamic and subthalamic event-related potentials. <i>Human Brain Mapping</i> , 2017, 38, 370-383.	3.6	13
134	Effects of subthalamic nucleus deep brain stimulation on emotional working memory capacity and mood in patients with Parkinson's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1603-1611.	2.2	10
135	Effect of Deep Brain Stimulation of the Globus Pallidus Internus on Quality of Life in Young Patients with Dyskinetic Cerebral Palsy (STIM-CP): a Prospective Single-Arm Multicenter Trial with a Double-Blind Cross-Over at 12-Months Follow-up. <i>Journal of Clinical Trials</i> , 2017, 07, .	0.1	3
136	Deep Brain Stimulation of the Subthalamic Nucleus Improves Lexical Switching in Parkinsons Disease Patients. <i>PLoS ONE</i> , 2016, 11, e0161404.	2.5	17
137	Ranking of Dystonia Severity by Pairwise Video Comparison. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 587-595.	1.5	0
138	Reply: Role of cortico-pallidal connectivity in the pathophysiology of dystonia. <i>Brain</i> , 2016, 139, e49-e49.	7.6	4
139	Processing of emotional stimuli is reflected by modulations of beta band activity in the subgenual anterior cingulate cortex in patients with treatment resistant depression. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1290-1298.	3.0	27
140	Subthalamic synchronized oscillatory activity correlates with motor impairment in patients with Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 1748-1751.	3.9	213
141	Brain networks modulated by subthalamic nucleus deep brain stimulation. <i>Brain</i> , 2016, 139, 2503-2515.	7.6	119
142	Short- and long-term dopamine depletion causes enhanced beta oscillations in the cortico-basal ganglia loop of parkinsonian rats. <i>Experimental Neurology</i> , 2016, 286, 124-136.	4.1	32
143	Teaching Neuro <i>Images</i> : Stroke mimicking thalamotomy. <i>Neurology</i> , 2016, 87, e208-e209.	1.1	3
144	Effects of thalamic deep brain stimulation on spontaneous language production. <i>Neuropsychologia</i> , 2016, 89, 74-82.	1.6	9

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145	Accuracy and repeatability of two methods of gait analysis “GaitRite” and Mobility Lab” in subjects with cerebellar ataxia. <i>Gait and Posture</i> , 2016, 48, 194-201.	1.4	59
146	Deep Brain Recordings Using an Implanted Pulse Generator in Parkinson’s Disease. <i>Neuromodulation</i> , 2016, 19, 20-24.	0.8	74
147	Modulation of Beta-Band Activity in the Subgenual Anterior Cingulate Cortex during Emotional Empathy in Treatment-Resistant Depression. <i>Cerebral Cortex</i> , 2016, 26, 2626-2638.	2.9	46
148	Deep brain stimulation of the posterior gyrus rectus region for treatment resistant depression. <i>Journal of Affective Disorders</i> , 2016, 194, 33-37.	4.1	44
149	The role of mutations in COL6A3 in isolated dystonia. <i>Journal of Neurology</i> , 2016, 263, 730-734.	3.6	15
150	Safe Administration of Botulinum Toxin Type A Injections During Pregnancy: A Report of Two Cases. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 187-189.	1.5	6
151	Failure of Pallidal Deep Brain Stimulation in a Case of Rapid-Onset Dystonia Parkinsonism (<sc>DYT</sc> 12). <i>Movement Disorders Clinical Practice</i> , 2015, 2, 76-78.	1.5	22
152	Postoperative MRI localisation of electrodes and clinical efficacy of pallidal deep brain stimulation in cervical dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 833-839.	1.9	35
153	Bradykinesia induced by frequency-specific pallidal stimulation in patients with cervical and segmental dystonia. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 800-803.	2.2	35
154	Cortico-pallidal oscillatory connectivity in patients with dystonia. <i>Brain</i> , 2015, 138, 1894-1906.	7.6	141
155	Differential contributions of the globus pallidus and ventral thalamus to stimulus-response learning in humans. <i>NeuroImage</i> , 2015, 122, 233-245.	4.2	18
156	Lead-DBS: A toolbox for deep brain stimulation electrode localizations and visualizations. <i>NeuroImage</i> , 2015, 107, 127-135.	4.2	488
157	Amplitude-oriented exercise in Parkinson’s disease: a randomized study comparing LSVT-BIG and a short training protocol. <i>Journal of Neural Transmission</i> , 2015, 122, 253-256.	2.8	48
158	Long-range correlation properties in timing of skilled piano performance: the influence of auditory feedback and deep brain stimulation. <i>Frontiers in Psychology</i> , 2014, 5, 1030.	2.1	15
159	Early Surgical Treatment in a Case of Myoclonus Dystonia Syndrome. <i>Journal of Child Neurology</i> , 2014, 29, NP149-NP150.	1.4	14
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