

Ludvic U Zrinzo

List of Publications by Year in descending order

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Version: 2024-02-01

216
papers

12,610
citations

23567

58
h-index

32842

100
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227
all docs

227
docs citations

227
times ranked

8024
citing authors

#	ARTICLE	IF	CITATIONS
1	Balance between competing spectral states in subthalamic nucleus is linked to motor impairment in Parkinson's disease. <i>Brain</i> , 2022, 145, 237-250.	7.6	25
2	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. <i>Focus (American Psychiatric Publishing)</i> , 2022, 20, 160-169.	0.8	3
3	Volitional Control of Brain Motor Activity and Its Therapeutic Potential. <i>Neuromodulation</i> , 2022, 25, 1187-1196.	0.8	6
4	Trigeminal microvascular decompression for short-lasting unilateral neuralgiform headache attacks. <i>Brain</i> , 2022, 145, 2882-2893.	7.6	9
5	Conflict Detection in a Sequential Decision Task Is Associated with Increased Cortico-Subthalamic Coherence and Prolonged Subthalamic Oscillatory Response in the β^2 Band. <i>Journal of Neuroscience</i> , 2022, 42, 4681-4692.	3.6	2
6	Deep Brain Stimulation of the Nucleus Basalis of Meynert for Parkinson's Disease Dementia: A 36-Months Follow Up Study. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 765-774.	1.5	3
7	Deep brain stimulation for obsessive-compulsive disorder: a crisis of access. <i>Nature Medicine</i> , 2022, 28, 1529-1532.	30.7	36
8	Basal Ganglia Pathways Associated With Therapeutic Pallidal Deep Brain Stimulation for Tourette Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 961-972.	1.5	12
9	Pedunculopontine Nucleus Deep Brain Stimulation for Parkinsonian Disorders: A Case Series. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 287-294.	1.5	12
10	Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy?. <i>Molecular Psychiatry</i> , 2021, 26, 60-65.	7.9	54
11	Normative vs. patient-specific brain connectivity in deep brain stimulation. <i>NeuroImage</i> , 2021, 224, 117307.	4.2	79
12	Successful Treatment of Levodopa/Carbidopa Intestinal Gel Associated "Biphasic" Dyskinesia with Pallidal Deep Brain Stimulation. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 273-274.	1.5	7
13	Stimulation Sweet Spot in Subthalamic Deep Brain Stimulation "Myth or Reality? A Critical Review of Literature. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 425-442.	1.5	12
14	Long-term success of low-frequency subthalamic nucleus stimulation for Parkinson's disease depends on tremor severity and symptom duration. <i>Brain Communications</i> , 2021, 3, fcab165.	3.3	5
15	Fashion focus: neurosurgery for tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 459-459.	1.9	0
16	A literature review of magnetic resonance imaging sequence advancements in visualizing functional neurosurgery targets. <i>Journal of Neurosurgery</i> , 2021, 135, 1445-1458.	1.6	14
17	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021, 90, 701-713.	1.3	41
18	Inhibitory Control on a Stop Signal Task in Tourette Syndrome before and after Deep Brain Stimulation of the Internal Segment of the Globus Pallidus. <i>Brain Sciences</i> , 2021, 11, 461.	2.3	4

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19	Reply to Comment on: Successful Treatment of Levodopa/Carbidopa Intestinal Gel Associated Biphasic-Like Dyskinesia with Pallidal Deep Brain Stimulation. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 814-815.	1.5	0
20	The sensitivity to change of the cluster headache quality of life scale assessed before and after deep brain stimulation of the ventral tegmental area. <i>Journal of Headache and Pain</i> , 2021, 22, 52.	6.0	7
21	A practical guide to troubleshooting pallidal deep brain stimulation issues in patients with dystonia. <i>Parkinsonism and Related Disorders</i> , 2021, 87, 142-154.	2.2	1
22	Reply to: Subthalamic Nucleus Deep Brain Stimulation as Rescue Therapy for Levodopa Carbidopa Intestinal Gel-Associated Biphasic-Like Dyskinesias. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 1157-1158.	1.5	0
23	Neural signatures of hyperdirect pathway activity in Parkinson's disease. <i>Nature Communications</i> , 2021, 12, 5185.	12.8	65
24	Ventralis intermedius nucleus anatomical variability assessment by MRI structural connectivity. <i>NeuroImage</i> , 2021, 238, 118231.	4.2	8
25	Cortical connectivity of the nucleus basalis of Meynert in Parkinson's disease and Lewy body dementias. <i>Brain</i> , 2021, 144, 781-788.	7.6	24
26	Dynamic Network Connectivity Reveals Markers of Response to Deep Brain Stimulation in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 729677.	2.0	10
27	Clinical applications of magnetic resonance imaging based functional and structural connectivity. <i>NeuroImage</i> , 2021, 244, 118649.	4.2	21
28	Endurance of Short Pulse Width Thalamic Stimulation Efficacy in Intention Tremor. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 281-286.	1.5	3
29	Short Versus Conventional Pulse-Width Deep Brain Stimulation in Parkinson's Disease: A Randomized Crossover Comparison. <i>Movement Disorders</i> , 2020, 35, 101-108.	3.9	23
30	Novel Programming Features Help Alleviate Subthalamic Nucleus Stimulation-Induced Side Effects. <i>Movement Disorders</i> , 2020, 35, 2261-2269.	3.9	20
31	Identification of nonlinear features in cortical and subcortical signals of Parkinson's Disease patients via a novel efficient measure. <i>NeuroImage</i> , 2020, 223, 117356.	4.2	9
32	Aberrant Abducent Nerve During Microvascular Decompression for Trigeminal Neuralgia. <i>World Neurosurgery</i> , 2020, 138, 454-456.	1.3	0
33	Structural connectivity predicts clinical outcomes of deep brain stimulation for Tourette syndrome. <i>Brain</i> , 2020, 143, 2607-2623.	7.6	50
34	Resting state activity and connectivity of the nucleus basalis of Meynert and globus pallidus in Lewy body dementia and Parkinson's disease dementia. <i>NeuroImage</i> , 2020, 221, 117184.	4.2	15
35	Trigeminal neurovascular contact in SUNCT and SUNA: a cross-sectional magnetic resonance study. <i>Brain</i> , 2020, 143, 3619-3628.	7.6	13
36	Entraining Stepping Movements of Parkinson's Patients to Alternating Subthalamic Nucleus Deep Brain Stimulation. <i>Journal of Neuroscience</i> , 2020, 40, 8964-8972.	3.6	12

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37	Subthalamic nucleus deep brain stimulation for Parkinson's disease: current trends and future directions. <i>Expert Review of Medical Devices</i> , 2020, 17, 1063-1074.	2.8	11
38	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. <i>Nature Communications</i> , 2020, 11, 3364.	12.8	199
39	Bilateral nucleus basalis of Meynert deep brain stimulation for dementia with Lewy bodies: A randomised clinical trial. <i>Brain Stimulation</i> , 2020, 13, 1031-1039.	1.6	39
40	Anterior capsulotomy for obsessive-compulsive disorder: a review of old and new literature. <i>Journal of Neurosurgery</i> , 2020, 133, 1595-1604.	1.6	19
41	Cluster Headache: Deep Brain Stimulation. , 2020, , 485-498.		0
42	Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease: Valuable Programming Insights from Anecdotal Observations. <i>Stereotactic and Functional Neurosurgery</i> , 2020, 98, 62-64.	1.5	0
43	Network-Based Imaging and Connectomics. , 2020, , 73-91.		0
44	Letter to the Editor. ClearPoint versus frame-based MRI-guided and MRI-verified deep brain stimulation. <i>Journal of Neurosurgery</i> , 2020, 133, 1624-1626.	1.6	1
45	Surgical decision making for deep brain stimulation should not be based on aggregated normative data mining. <i>Brain Stimulation</i> , 2019, 12, 1345-1348.	1.6	24
46	The effects of deep brain stimulation of the pedunclopontine nucleus on cognition in Parkinson's disease and Progressive Supranuclear Palsy. <i>Clinical Parkinsonism & Related Disorders</i> , 2019, 1, 48-51.	0.9	4
47	Globus pallidal deep brain stimulation for Tourette syndrome: Effects on cognitive function. <i>Parkinsonism and Related Disorders</i> , 2019, 69, 14-18.	2.2	5
48	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. <i>Biological Psychiatry</i> , 2019, 85, 726-734.	1.3	152
49	Letter: Systematic Stereotactic Error Reduction Using a Calibration Technique in Single-Brain-Pass and Multitrack Deep Brain Stimulations. <i>Operative Neurosurgery</i> , 2019, 16, E67-E67.	0.8	2
50	Deep brain stimulation has state-dependent effects on motor connectivity in Parkinson's disease. <i>Brain</i> , 2019, 142, 2417-2431.	7.6	33
51	Exploring every ethical avenue. Commentary: The Moral Obligation to Prioritize Research Into Deep Brain Stimulation Over Brain Lesioning Procedures for Severe Enduring Anorexia Nervosa. <i>Frontiers in Psychiatry</i> , 2019, 10, 326.	2.6	6
52	Neuroimaging Technological Advancements for Targeting in Functional Neurosurgery. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 42.	4.2	29
53	Image-based analysis and long-term clinical outcomes of deep brain stimulation for Tourette syndrome: a multisite study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1078-1090.	1.9	81
54	Connectivity derived thalamic segmentation: Separating myth from reality. <i>NeuroImage: Clinical</i> , 2019, 22, 101758.	2.7	11

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55	Ventral tegmental area deep brain stimulation for chronic cluster headache: Effects on cognition, mood, pain report behaviour and quality of life. <i>Cephalalgia</i> , 2019, 39, 1099-1110.	3.9	18
56	Beta synchrony in the cortico-basal ganglia network during regulation of force control on and off dopamine. <i>Neurobiology of Disease</i> , 2019, 127, 253-263.	4.4	16
57	Effect of Low versus High Frequency Subthalamic Deep Brain Stimulation on Speech Intelligibility and Verbal Fluency in Parkinson's Disease: A Double-Blind Study. <i>Journal of Parkinson's Disease</i> , 2019, 9, 141-151.	2.8	22
58	Connectivity derived thalamic segmentation in deep brain stimulation for tremor. <i>NeuroImage: Clinical</i> , 2018, 18, 130-142.	2.7	154
59	Efficacy and Safety of Deep Brain Stimulation in Tourette Syndrome. <i>JAMA Neurology</i> , 2018, 75, 353.	9.0	186
60	Bilateral Deep Brain Stimulation of the Nucleus Basalis of Meynert for Parkinson Disease Dementia. <i>JAMA Neurology</i> , 2018, 75, 169.	9.0	112
61	Effects of pedunculopontine nucleus stimulation on human bladder function. <i>Neurourology and Urodynamics</i> , 2018, 37, 726-734.	1.5	16
62	Microvascular decompression or neuromodulation in patients with SUNCT and trigeminal neurovascular conflict?. <i>Cephalalgia</i> , 2018, 38, 393-398.	3.9	14
63	Deep Brain Stimulation for Movement Disorders. , 2018, , 781-798.e4.		3
64	Modulation of Beta Bursts in the Subthalamic Nucleus Predicts Motor Performance. <i>Journal of Neuroscience</i> , 2018, 38, 8905-8917.	3.6	113
65	Parkinsonian signs in patients with cervical dystonia treated with pallidal deep brain stimulation. <i>Brain</i> , 2018, 141, 3023-3034.	7.6	33
66	MRI-verified "asleep" deep brain stimulation in Malta through cross border collaboration: clinical outcome of the first five years. <i>British Journal of Neurosurgery</i> , 2018, 32, 365-371.	0.8	6
67	Alternating Modulation of Subthalamic Nucleus Beta Oscillations during Stepping. <i>Journal of Neuroscience</i> , 2018, 38, 5111-5121.	3.6	66
68	Neuromodulation for Trigeminal Autonomic Cephalalgias. , 2018, , 313-327.		0
69	Impact of Subthalamic Deep Brain Stimulation Frequency on Upper Limb Motor Function in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2018, 8, 267-271.	2.8	10
70	The Effect of Short Pulse Width Settings on the Therapeutic Window in Subthalamic Nucleus Deep Brain Stimulation for Parkinson's disease. <i>Journal of Parkinson's Disease</i> , 2018, 8, 273-279.	2.8	28
71	Changing of the guard: reducing infection when replacing neural pacemakers. <i>Journal of Neurosurgery</i> , 2017, 126, 1165-1172.	1.6	27
72	Thalamic Caudal Zona Incerta Deep Brain Stimulation for Refractory Orthostatic Tremor: A Report of 3 Cases. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 105-110.	1.5	5

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73	Thalamotomy using MRI-guided focused ultrasound significantly improves contralateral symptoms and quality of life in essential tremor. <i>Evidence-Based Medicine</i> , 2017, 22, 64-64.	0.6	3
74	<scp>l</scp>-Dopa responsiveness is associated with distinctive connectivity patterns in advanced Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 874-883.	3.9	37
75	Pyramidal tract activation due to subthalamic deep brain stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 1174-1182.	3.9	52
76	Subthalamic nucleus beta and gamma activity is modulated depending on the level of imagined grip force. <i>Experimental Neurology</i> , 2017, 293, 53-61.	4.1	31
77	Stimulating at the right time: phase-specific deep brain stimulation. <i>Brain</i> , 2017, 140, 132-145.	7.6	213
78	Comparison of oscillatory activity in subthalamic nucleus in Parkinson's disease and dystonia. <i>Neurobiology of Disease</i> , 2017, 98, 100-107.	4.4	51
79	Optimal deep brain stimulation site and target connectivity for chronic cluster headache. <i>Neurology</i> , 2017, 89, 2083-2091.	1.1	55
80	GBA-Associated Parkinsonâ€™s Disease: Progression in a Deep Brain Stimulation Cohort. <i>Journal of Parkinson's Disease</i> , 2017, 7, 635-644.	2.8	44
81	Uncovering the underlying mechanisms and whole-brain dynamics of deep brain stimulation for Parkinsonâ€™s disease. <i>Scientific Reports</i> , 2017, 7, 9882.	3.3	79
82	16â€™.A randomised controlled trial of deep brain stimulation in obsessive compulsive disorder: a comparison of ventral capsule/ventral striatum and subthalamic nucleus targets. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, A8.2-A9.	1.9	3
83	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. <i>NeuroImage</i> , 2017, 158, 332-345.	4.2	197
84	Refining the Deep Brain Stimulation Target within the Limbic Globus Pallidus Internus for Tourette Syndrome. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 251-258.	1.5	33
85	Oscillatory Beta Power Correlates With Akinesiaâ€™Rigidity in the Parkinsonian Subthalamic Nucleus. <i>Movement Disorders</i> , 2017, 32, 174-175.	3.9	52
86	Apathy and Reduced Speed of Processing Underlie Decline in Verbal Fluency following DBS. <i>Behavioural Neurology</i> , 2017, 2017, 1-10.	2.1	15
87	Functional Connectivity of the Pedunculopontine Nucleus and Surrounding Region in Parkinson's Disease. <i>Cerebral Cortex</i> , 2017, 27, 54-67.	2.9	22
88	Distinct mechanisms mediate speed-accuracy adjustments in cortico-subthalamic networks. <i>ELife</i> , 2017, 6, .	6.0	71
89	Subthalamic nucleus gamma activity increases not only during movement but also during movement inhibition. <i>ELife</i> , 2017, 6, .	6.0	41
90	Bilateral painful tic convulsif. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-221380.	0.5	1

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91	The Parkinsonian Subthalamic Network: Measures of Power, Linear, and Non-linear Synchronization and their Relationship to L-DOPA Treatment and OFF State Motor Severity. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 517.	2.0	28
92	The International Deep Brain Stimulation Registry and Database for Gilles de la Tourette Syndrome: How Does It Work?. <i>Frontiers in Neuroscience</i> , 2016, 10, 170.	2.8	55
93	The Use of Deep Brain Stimulation in Tourette Syndrome. <i>Brain Sciences</i> , 2016, 6, 35.	2.3	43
94	Bilateral Deep Brain Stimulation of the Globus Pallidus Pars Interna in a Patient with Variant Ataxia-Teleangiectasia. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 405-408.	1.5	9
95	Adaptive deep brain stimulation for Parkinson's disease demonstrates reduced speech side effects compared to conventional stimulation in the acute setting. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1388-1389.	1.9	199
96	Letter to the Editor: A paradigm shift toward MRI-guided and MRI-verified DBS surgery. <i>Journal of Neurosurgery</i> , 2016, 124, 1135-1138.	1.6	16
97	Ventral tegmental area deep brain stimulation for refractory chronic cluster headache. <i>Neurology</i> , 2016, 86, 1676-1682.	1.1	82
98	Subthalamic nucleus deep brain stimulation induces impulsive action when patients with Parkinson's disease act under speed pressure. <i>Experimental Brain Research</i> , 2016, 234, 1837-1848.	1.5	35
99	Ventral tegmental area deep brain stimulation in refractory short-lasting unilateral neuralgiform headache attacks. <i>Brain</i> , 2016, 139, 2631-2640.	7.6	40
100	Pedunculopontine Nucleus Region Deep Brain Stimulation in Parkinson Disease: Surgical Techniques, Side Effects, and Postoperative Imaging. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 307-319.	1.5	54
101	Pedunculopontine Nucleus Region Deep Brain Stimulation in Parkinson Disease: Surgical Anatomy and Terminology. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 298-306.	1.5	452
102	Human subthalamic nucleus-medial frontal cortex theta phase coherence is involved in conflict and error related cortical monitoring. <i>NeuroImage</i> , 2016, 137, 178-187.	4.2	66
103	Bilateral adaptive deep brain stimulation is effective in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 717-721.	1.9	269
104	Deep brain stimulation modulates synchrony within spatially and spectrally distinct resting state networks in Parkinson's disease. <i>Brain</i> , 2016, 139, 1482-1496.	7.6	213
105	Subthalamic nucleus phase-amplitude coupling correlates with motor impairment in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2016, 127, 2010-2019.	1.5	159
106	Analysis of simultaneous MEG and intracranial LFP recordings during Deep Brain Stimulation: a protocol and experimental validation. <i>Journal of Neuroscience Methods</i> , 2016, 261, 29-46.	2.5	52
107	Decisions Made with Less Evidence Involve Higher Levels of Corticosubthalamic Nucleus Theta Band Synchrony. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 811-825.	2.3	18
108	Subcortical evoked activity and motor enhancement in Parkinson's disease. <i>Experimental Neurology</i> , 2016, 277, 19-26.	4.1	10

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109	Decoding gripping force based on local field potentials recorded from subthalamic nucleus in humans. <i>ELife</i> , 2016, 5, .	6.0	41
110	DEEP BRAIN STIMULATION IN INTRACTABLE SHORT-LASTING UNILATERAL NEURALGIFORM HEADACHE ATTACKS: A MULTICASE SERIES. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, e4.119-e4.	1.9	0
111	What You See Is What You Get. <i>Operative Neurosurgery</i> , 2015, 11, 412-419.	0.8	15
112	Deep brain stimulation versus anterior capsulotomy for obsessive-compulsive disorder: a review of the literature. <i>Journal of Neurosurgery</i> , 2015, 122, 1028-1037.	1.6	80
113	Morality and ethics without religion. , 2015, 6, 28.		1
114	Tremor Reduction by Deep Brain Stimulation Is Associated With Gamma Power Suppression in Parkinsonâ€™s Disease. <i>Neuromodulation</i> , 2015, 18, 349-354.	0.8	60
115	Aim for the Suprasternal Notch: Technical Note to Avoid Bowstringing after Deep Brain Stimulation. <i>Stereotactic and Functional Neurosurgery</i> , 2015, 93, 227-230.	1.5	9
116	Do we need to revise the tripartite subdivision hypothesis of the human subthalamic nucleus (STN)? Response to Alkemade and Forstmann. <i>NeuroImage</i> , 2015, 110, 1-2.	4.2	33
117	Subthalamic Nucleus Local Field Potential Activity Helps Encode Motor Effort Rather Than Force in Parkinsonism. <i>Journal of Neuroscience</i> , 2015, 35, 5941-5949.	3.6	39
118	Publication productivity of neurosurgeons in Great Britain and Ireland. <i>Journal of Neurosurgery</i> , 2015, 122, 948-954.	1.6	41
119	Bilateral globus pallidus stimulation for severe Tourette's syndrome: a double-blind, randomised crossover trial. <i>Lancet Neurology, The</i> , 2015, 14, 595-605.	10.2	155
120	Deep Brain Stimulation of the Pallidum Internum for Gilles de la Tourette Syndrome: A Patient-Specific Model-Based Simulation Study of the Electric Field. <i>Neuromodulation</i> , 2015, 18, 90-96.	0.8	22
121	Deep brain stimulation of the subthalamic nucleus: histological verification and 9.4-T MRI correlation. <i>Acta Neurochirurgica</i> , 2015, 157, 2143-2147.	1.7	11
122	The Safety of Using Body-Transmit MRI in Patients with Implanted Deep Brain Stimulation Devices. <i>PLoS ONE</i> , 2015, 10, e0129077.	2.5	46
123	Response. <i>Journal of Neurosurgery</i> , 2015, 122, 1026-7.	1.6	0
124	A review of brain circuitries involved in stuttering. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 884.	2.0	83
125	The nature of tremor circuits in parkinsonian and essential tremor. <i>Brain</i> , 2014, 137, 3223-3234.	7.6	90
126	Letter to the Editor: Deep brain stimulation for dystonia. <i>Journal of Neurosurgery</i> , 2014, 120, 1496-1497.	1.6	5

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127	Predictive factors of speech intelligibility following subthalamic nucleus stimulation in consecutive patients with Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 532-538.	3.9	79
128	Comment on "Appropriate MRI sequences are required to accurately determine lead location after deep brain stimulation surgery". <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2257-2258.	1.5	2
129	Human Subthalamic Nucleus in Movement Error Detection and Its Evaluation during Visuomotor Adaptation. <i>Journal of Neuroscience</i> , 2014, 34, 16744-16754.	3.6	61
130	Midline Frontal Cortex Low-Frequency Activity Drives Subthalamic Nucleus Oscillations during Conflict. <i>Journal of Neuroscience</i> , 2014, 34, 7322-7333.	3.6	133
131	Resting state functional MRI in Parkinson's disease: the impact of deep brain stimulation on "effective" connectivity. <i>Brain</i> , 2014, 137, 1130-1144.	7.6	196
132	Pallidal stimulation for primary generalised dystonia: effect on cognition, mood and quality of life. <i>Journal of Neurology</i> , 2014, 261, 164-173.	3.6	51
133	Deep Brain Stimulation for Tourette syndrome: The Current State of the Field. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2014, 3, 401-406.	1.5	18
134	Long-term outcome of subthalamic nucleus deep brain stimulation for Parkinson's disease using an MRI-guided and MRI-verified approach. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 1419-1425.	1.9	151
135	The effect of posterior hypothalamus region deep brain stimulation on sleep. <i>Cephalalgia</i> , 2014, 34, 219-223.	3.9	20
136	Controlling Parkinson's Disease With Adaptive Deep Brain Stimulation. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	19
137	Adaptive deep brain stimulation in advanced Parkinson disease. <i>Annals of Neurology</i> , 2013, 74, 449-457.	5.3	1,046
138	Critical evaluation of the anatomical location of the Barrington nucleus: Relevance for deep brain stimulation surgery of pedunculopontine tegmental nucleus. <i>Neuroscience</i> , 2013, 247, 351-363.	2.3	17
139	Successful pallidal deep brain stimulation in 15-year-old with Tourette syndrome: 2-year follow-up. <i>Journal of Neurology</i> , 2013, 260, 2417-2419.	3.6	20
140	Frequency specific activity in subthalamic nucleus correlates with hand bradykinesia in Parkinson's disease. <i>Experimental Neurology</i> , 2013, 240, 122-129.	4.1	45
141	The nucleus basalis of Meynert: A new target for deep brain stimulation in dementia?. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2676-2688.	6.1	145
142	Future of brain stimulation: New targets, new indications, new technology. <i>Movement Disorders</i> , 2013, 28, 1784-1792.	3.9	111
143	Conclusions should be supported by the data presented. <i>British Journal of Neurosurgery</i> , 2013, 27, 545-546.	0.8	1
144	Phase dependent modulation of tremor amplitude in essential tremor through thalamic stimulation. <i>Brain</i> , 2013, 136, 3062-3075.	7.6	80

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145	Deep brain stimulation as a treatment for chorea-acanthocytosis. <i>Journal of Neurology</i> , 2013, 260, 303-305.	3.6	19
146	Caught between a disc and a tumour: lumbar radiculopathy secondary to disc herniation and filum paraganglioma. <i>Acta Neurochirurgica</i> , 2013, 155, 315-317.	1.7	7
147	Complementary roles of different oscillatory activities in the subthalamic nucleus in coding motor effort in Parkinsonism. <i>Experimental Neurology</i> , 2013, 248, 187-195.	4.1	74
148	Strawberries on the Brainâ€”Intracranial Capillary Hemangioma: Two Case Reports and Systematic Literature Review in Children and Adults. <i>World Neurosurgery</i> , 2013, 80, 900.e13-900.e21.	1.3	22
149	Subthalamic nucleus gamma oscillations mediate a switch from automatic to controlled processing: A study of random number generation in Parkinson's disease. <i>NeuroImage</i> , 2013, 64, 284-289.	4.2	24
150	The Risk of Hardware Infection in Deep Brain Stimulation Surgery Is Greater at Impulse Generator Replacement than at the Primary Procedure. <i>Stereotactic and Functional Neurosurgery</i> , 2013, 91, 56-65.	1.5	129
151	Errors of Image Coregistration may Necessitate Intraoperative Refinement in Functional Neurosurgery. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, 335-336.	0.8	1
152	Subthalamic Nucleus Local Field Potential Activity during the Eriksen Flanker Task Reveals a Novel Role for Theta Phase during Conflict Monitoring. <i>Journal of Neuroscience</i> , 2013, 33, 14758-14766.	3.6	99
153	Patient-specific brain modelling for deep brain stimulation simulations. , 2013, , .		7
154	Gender differences in quality of life following subthalamic stimulation for Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2013, 128, 281-285.	2.1	37
155	Dopamine Agonists Rather than Deep Brain Stimulation Cause Reflection Impulsivity in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2013, 3, 139-144.	2.8	39
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