

Marwan Hariz

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

5,727
citations

94433

37
h-index

82547

72
g-index

92
all docs

92
docs citations

92
times ranked

4955
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive deep brain stimulation in advanced Parkinson disease. <i>Annals of Neurology</i> , 2013, 74, 449-457.	5.3	1,046
2	Confirmation of functional zones within the human subthalamic nucleus: Patterns of connectivity and sub-parcellation using diffusion weighted imaging. <i>NeuroImage</i> , 2012, 60, 83-94.	4.2	294
3	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
4	Gilles de la Tourette syndrome. <i>Nature Reviews Disease Primers</i> , 2017, 3, 16097.	30.5	257
5	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
6	Stimulating at the right time: phase-specific deep brain stimulation. <i>Brain</i> , 2017, 140, 132-145.	7.6	213
7	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
8	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. <i>NeuroImage</i> , 2017, 158, 332-345.	4.2	197
9	Bilateral globus pallidus stimulation for severe Tourette's syndrome: a double-blind, randomised crossover trial. <i>Lancet Neurology</i> , The, 2015, 14, 595-605.	10.2	155
10	Connectivity derived thalamic segmentation in deep brain stimulation for tremor. <i>NeuroImage: Clinical</i> , 2018, 18, 130-142.	2.7	154
11	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
12	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
13	Consensus on guidelines for stereotactic neurosurgery for psychiatric disorders. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 1003-1008.	1.9	150
14	Midline Frontal Cortex Low-Frequency Activity Drives Subthalamic Nucleus Oscillations during Conflict. <i>Journal of Neuroscience</i> , 2014, 34, 7322-7333.	3.6	133
15	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
16	Bilateral Deep Brain Stimulation of the Nucleus Basalis of Meynert for Parkinson Disease Dementia. <i>JAMA Neurology</i> , 2018, 75, 169.	9.0	112
17	Future of brain stimulation: New targets, new indications, new technology. <i>Movement Disorders</i> , 2013, 28, 1784-1792.	3.9	111
18	The nature of tremor circuits in parkinsonian and essential tremor. <i>Brain</i> , 2014, 137, 3223-3234.	7.6	90

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19	Ventral tegmental area deep brain stimulation for refractory chronic cluster headache. <i>Neurology</i> , 2016, 86, 1676-1682.	1.1	82
20	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
21	Uncovering the underlying mechanisms and whole-brain dynamics of deep brain stimulation for Parkinson's disease. <i>Scientific Reports</i> , 2017, 7, 9882.	3.3	79
22	Genotype and phenotype in Parkinson's disease: Lessons in heterogeneity from deep brain stimulation. <i>Movement Disorders</i> , 2013, 28, 1370-1375.	3.9	77
23	Deep brain stimulation of the subthalamic nucleus: A two-edged sword. <i>Current Biology</i> , 2006, 16, R952-R953.	3.9	75
24	Twenty-five years of deep brain stimulation: Celebrations and apprehensions. <i>Movement Disorders</i> , 2012, 27, 930-933.	3.9	73
25	Deep brain stimulation: new techniques. <i>Parkinsonism and Related Disorders</i> , 2014, 20, S192-S196.	2.2	69
26	Therapeutic Subthalamic Nucleus Deep Brain Stimulation Reverses Cortico-Thalamic Coupling during Voluntary Movements in Parkinson's Disease. <i>PLoS ONE</i> , 2012, 7, e50270.	2.5	66
27	Tremor Reduction by Deep Brain Stimulation Is Associated With Gamma Power Suppression in Parkinson's Disease. <i>Neuromodulation</i> , 2015, 18, 349-354.	0.8	60
28	Optimal deep brain stimulation site and target connectivity for chronic cluster headache. <i>Neurology</i> , 2017, 89, 2083-2091.	1.1	55
29	Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy?. <i>Molecular Psychiatry</i> , 2021, 26, 60-65.	7.9	54
30	Pyramidal tract activation due to subthalamic deep brain stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 1174-1182.	3.9	52
31	Oscillatory Beta Power Correlates With Akinesia-Rigidity in the Parkinsonian Subthalamic Nucleus. <i>Movement Disorders</i> , 2017, 32, 174-175.	3.9	52
32	Structural connectivity predicts clinical outcomes of deep brain stimulation for Tourette syndrome. <i>Brain</i> , 2020, 143, 2607-2623.	7.6	50
33	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
34	GBA-Associated Parkinson's Disease: Progression in a Deep Brain Stimulation Cohort. <i>Journal of Parkinson's Disease</i> , 2017, 7, 635-644.	2.8	44
35	Seventy years of pallidotomy for movement disorders. <i>Movement Disorders</i> , 2017, 32, 972-982.	3.9	43
36	Deep brain stimulation for disorders of consciousness: Systematic review of cases and ethics. <i>Brain Stimulation</i> , 2017, 10, 1013-1023.	1.6	43

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37	Decoding gripping force based on local field potentials recorded from subthalamic nucleus in humans. <i>ELife</i> , 2016, 5, .	6.0	41
38	Ventral tegmental area deep brain stimulation in refractory short-lasting unilateral neuralgiform headache attacks. <i>Brain</i> , 2016, 139, 2631-2640.	7.6	40
39	My 25 Stimulating Years with DBS in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2017, 7, S33-S41.	2.8	39
40	<sc>Dopa responsiveness is associated with distinctive connectivity patterns in advanced Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 874-883.	3.9	37
41	Parkinsonian signs in patients with cervical dystonia treated with pallidal deep brain stimulation. <i>Brain</i> , 2018, 141, 3023-3034.	7.6	33
42	Deep brain stimulation has state-dependent effects on motor connectivity in Parkinson's disease. <i>Brain</i> , 2019, 142, 2417-2431.	7.6	33
43	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
44	Deep brain stimulation for Parkinson's disease. <i>Journal of Internal Medicine</i> , 2022, 292, 764-778.	6.0	30
45	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
46	Controlling Parkinson's Disease With Adaptive Deep Brain Stimulation. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	19
47	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
48	Once <sc>STN DBS</sc>, Always <sc>STN DBS</sc>? "Clinical, Ethical, and Financial Reflections on Deep Brain Stimulation for Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 285-287.	1.5	18
49	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
50	Deep Brain Stimulation in the Bed Nucleus of Stria Terminalis in Obsessive-Compulsive Disorder "1-Year Follow-up. <i>World Neurosurgery</i> , 2021, 149, e794-e802.	1.3	16
51	There is no credible rationale for deep brain stimulation in very early Parkinson's disease!. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 345-346.	2.2	15
52	The Origins of Human Functional Stereotaxis: A Reappraisal. <i>Stereotactic and Functional Neurosurgery</i> , 2019, 97, 49-54.	1.5	15
53	Early surgery for Parkinson's disease? Maybe, but not just yet. <i>Lancet Neurology</i> , The, 2013, 12, 938-939.	10.2	14
54	Rescue pallidotomy for dystonia through implanted deep brain stimulation electrode. , 2016, 7, 815.		14

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55	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
56	To sleep or not to sleep during deep brain stimulation surgery for Parkinson disease?. <i>Neurology</i> , 2017, 89, 1938-1939.	1.1	11
57	Connectivity derived thalamic segmentation: Separating myth from reality. <i>NeuroImage: Clinical</i> , 2019, 22, 101758.	2.7	11
58	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
59	Psychosurgery in the History of Stereotactic Functional Neurosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2020, 98, 241-247.	1.5	9
60	Deep Brain Stimulation for Post-Traumatic Stress Disorder: A Review of the Experimental and Clinical Literature. <i>Stereotactic and Functional Neurosurgery</i> , 2022, 100, 143-155.	1.5	9
61	Women pioneers in basal ganglia surgery. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 137-141.	2.2	8
62	Deep Brain Stimulation: Emerging Tools for Simulation, Data Analysis, and Visualization. <i>Frontiers in Neuroscience</i> , 2022, 16, 834026.	2.8	7
63	Focused ultrasound thalamotomy improves essential tremor. <i>Movement Disorders</i> , 2013, 28, 1803-1803.	3.9	6
64	Battery obsolescence, industry profit and deep brain stimulation. <i>Acta Neurochirurgica</i> , 2019, 161, 2047-2048.	1.7	6
65	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
66	“New and improved” DBS batteries?. <i>Brain Stimulation</i> , 2019, 12, 833-834.	1.6	6
67	Distribution of electric field in patients with obsessive compulsive disorder treated with deep brain stimulation of the bed nucleus of stria terminalis. <i>Acta Neurochirurgica</i> , 2022, 164, 193-202.	1.7	6
68	Uncertainty, misunderstanding and the pedunclopontine nucleus. <i>Acta Neurochirurgica</i> , 2012, 154, 839-841.	1.7	5
69	Fulfillment of Patients' Expectations Is the Ultimate Goal of Deep Brain Stimulation for Parkinson Disease. <i>World Neurosurgery</i> , 2014, 82, 1037-1039.	1.3	5
70	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
71	Leksell's Posteroventral Pallidotomy 1992-2022: Quo Vadis?. <i>Stereotactic and Functional Neurosurgery</i> , 2022, 100, 259-263.	1.5	5
72	16...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

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73	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
74	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
75	Pallidotomy: A "Phoenix the Bird" of Surgery for Parkinson's Disease?. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 170-172.	1.5	2
76	Gamma Knife subcaudate tractotomy for treatment-resistant depression and target characteristics. <i>Acta Neurochirurgica</i> , 2017, 159, 121-121.	1.7	1
77	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
78	Closed loop stimulation for tremor was invented in 1980. <i>Brain Stimulation</i> , 2019, 12, 1072-1073.	1.6	1
79	Longevity of Deep Brain Stimulation Batteries; a Global Survey of Neurosurgeons and Neurologists. <i>Movement Disorders</i> , 2021, 36, 1273-1274.	3.9	1
80	Pallidotomy for Dystonia: A Neglected Procedure?. <i>Movement Disorders</i> , 2021, 36, 533-534.	3.9	1
81	Paul Bejjani In Memoriam. <i>Movement Disorders</i> , 2021, 36, 1058-1060.	3.9	1
82	Renaissance for anterior capsulotomy for obsessive-compulsive disorder?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, , jnnp-2021-328121.	1.9	1
83	Judith Balkányi-Lepintre (1912-1982): first woman neurosurgeon, first woman war neurosurgeon, and first woman pediatric neurosurgeon in France. <i>Journal of Neurosurgery</i> , 2022, 136, 1465-1469.	1.6	1
84	The surgical anatomy of the pedunculo-pontine nucleus cannot be disputed, buried or exhumed. <i>Acta Neurochirurgica</i> , 2012, 154, 1531-1533.	1.7	0
85	One Swallow Does Not a Summer Make. <i>Brain Stimulation</i> , 2014, 7, 918-919.	1.6	0
86	Stereotactic ablative surgery does not just mean "adding another lesion". <i>Movement Disorders</i> , 2017, 32, 1112-1113.	3.9	0
87	Oh, Georges! What Have They Done to Your Beautiful Name?. <i>Movement Disorders</i> , 2021, 36, 2441-2442.	3.9	0
88	Stereotactic Ablative Surgery in Autism: A Cocktail of Lesioned Brain Targets?. <i>Stereotactic and Functional Neurosurgery</i> , 2022, , 1-2.	1.5	0