

Jorge Guridi

List of Publications by Year in descending order

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71
papers

8,195
citations

101543

36
h-index

98798

67
g-index

75
all docs

75
docs citations

75
times ranked

5545
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep-Brain Stimulation of the Subthalamic Nucleus or the Pars Interna of the Globus Pallidus in Parkinson's Disease. <i>New England Journal of Medicine</i> , 2001, 345, 956-963.	27.0	1,538
2	Bilateral deep brain stimulation in Parkinson's disease: a multicentre study with 4 years follow-up. <i>Brain</i> , 2005, 128, 2240-2249.	7.6	963
3	Functional organization of the basal ganglia: Therapeutic implications for Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, S548-S559.	3.9	453
4	The subthalamic nucleus in Parkinson's disease: somatotopic organization and physiological characteristics. <i>Brain</i> , 2001, 124, 1777-1790.	7.6	417
5	Long-term results of a multicenter study on subthalamic and pallidal stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 578-586.	3.9	382
6	Coupling between Beta and High-Frequency Activity in the Human Subthalamic Nucleus May Be a Pathophysiological Mechanism in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 6667-6677.	3.6	348
7	Slow oscillatory activity and levodopa-induced dyskinesias in Parkinson's disease. <i>Brain</i> , 2006, 129, 1748-1757.	7.6	305
8	Deep brain stimulation: from neurology to psychiatry?. <i>Trends in Neurosciences</i> , 2010, 33, 474-484.	8.6	262
9	Subthalamotomy in parkinsonian monkeys Behavioural and biochemical analysis. <i>Brain</i> , 1996, 119, 1717-1727.	7.6	248
10	Dorsal subthalamotomy for Parkinson's disease. <i>Movement Disorders</i> , 2001, 16, 72-78.	3.9	203
11	Involvement of the subthalamic nucleus in impulse control disorders associated with Parkinson's disease. <i>Brain</i> , 2011, 134, 36-49.	7.6	187
12	Bilateral subthalamotomy in Parkinson's disease: initial and long-term response. <i>Brain</i> , 2005, 128, 570-583.	7.6	184
13	Milestones in research on the pathophysiology of Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 1032-1041.	3.9	170
14	Movement-related changes in oscillatory activity in the human subthalamic nucleus: ipsilateral vs. contralateral movements. <i>European Journal of Neuroscience</i> , 2005, 22, 2315-2324.	2.6	159
15	Efficacy of deep brain stimulation of the subthalamic nucleus in Parkinson's disease 4 years after surgery: double blind and open label evaluation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 1382-1385.	1.9	148
16	The subthalamic nucleus is involved in successful inhibition in the stop-signal task: A local field potential study in Parkinson's disease. <i>Experimental Neurology</i> , 2013, 239, 1-12.	4.1	143
17	Long-term effects of pallidal or subthalamic deep brain stimulation on quality of life in Parkinson's disease. <i>Movement Disorders</i> , 2009, 24, 1154-1161.	3.9	140
18	The subthalamic nucleus, hemiballismus and Parkinson's disease: reappraisal of a neurosurgical dogma. <i>Brain</i> , 2001, 124, 5-19.	7.6	130

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19	Therapeutic efficacy of unilateral subthalamotomy in Parkinson's disease: results in 89 patients followed for up to 36 months. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 979-985.	1.9	129
20	High beta activity in the subthalamic nucleus and freezing of gait in Parkinson's disease. <i>Neurobiology of Disease</i> , 2014, 64, 60-65.	4.4	113
21	Changes in subthalamic activity during movement observation in Parkinson's disease: Is the mirror system mirrored in the basal ganglia?. <i>Clinical Neurophysiology</i> , 2010, 121, 414-425.	1.5	100
22	Successful thalamic deep brain stimulation for orthostatic tremor. <i>Movement Disorders</i> , 2008, 23, 1808-1811.	3.9	94
23	A Brief History of Pallidotomy. <i>Neurosurgery</i> , 1997, 41, 1169-1183.	1.1	91
24	Stereotactic Targeting of the Globus Pallidus Internus in Parkinson's Disease: Imaging versus Electrophysiological Mapping. <i>Neurosurgery</i> , 1999, 45, 278-289.	1.1	91
25	Consequence of nigrostriatal denervation and L-dopa therapy on the expression of glutamic acid decarboxylase messenger RNA in the pallidum. <i>Neurology</i> , 1996, 47, 219-224.	1.1	88
26	Surgery for Parkinson's disease.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1997, 62, 2-8.	1.9	87
27	Consequences of nigrostriatal denervation on the gamma-aminobutyric acid neurons of substantia nigra pars reticulata and superior colliculus in parkinsonian syndromes. <i>Neurology</i> , 1996, 46, 802-809.	1.1	72
28	What can man do without basal ganglia motor output? The effect of combined unilateral subthalamotomy and pallidotomy in a patient with Parkinson's disease. <i>Experimental Neurology</i> , 2009, 220, 283-292.	4.1	61
29	Intracerebral hemorrhage caused by transmural dissection of the anterior cerebral artery.. <i>Stroke</i> , 1993, 24, 1400-1402.	2.0	60
30	Effects of Nigrostriatal Denervation and L-Dopa Therapy on the GABAergic Neurons of the Striatum in MPTP-treated Monkeys and Parkinson's Disease: An In Situ Hybridization Study of GAD67 mRNA. <i>European Journal of Neuroscience</i> , 1995, 7, 1199-1209.	2.6	59
31	L-DOPA-INDUCED DYSKINESIA AND STEREOTACTIC SURGERY FOR PARKINSON'S DISEASE. <i>Neurosurgery</i> , 2008, 62, 311-325.	1.1	59
32	Beta activity in the subthalamic nucleus during sleep in patients with Parkinson's disease. <i>Movement Disorders</i> , 2009, 24, 254-260.	3.9	54
33	Subthalamotomy Improves MPTP-Induced Parkinsonism in Monkeys. <i>Stereotactic and Functional Neurosurgery</i> , 1994, 62, 98-102.	1.5	53
34	Subthalamic activity during diphasic dyskinesias in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 1178-1181.	3.9	48
35	Short and Long Term Outcome of Bilateral Pallidal Stimulation in Chorea-Acanthocytosis. <i>PLoS ONE</i> , 2013, 8, e79241.	2.5	44
36	Stimulation sites in the subthalamic nucleus and clinical improvement in Parkinson's disease: a new approach for active contact localization. <i>Journal of Neurosurgery</i> , 2016, 125, 1068-1079.	1.6	41

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37	Hardware complications in deep brain stimulation: Electrode impedance and loss of clinical benefit. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 765-769.	2.2	39
38	Clinical Features, Pathophysiology, and Treatment of Levodopa-Induced Dyskinesias in Parkinson's Disease. <i>Parkinson's Disease</i> , 2012, 2012, 1-15.	1.1	34
39	Effect of Dexmedetomidine and Propofol on Basal Ganglia Activity in Parkinson Disease. <i>Anesthesiology</i> , 2017, 126, 1033-1042.	2.5	33
40	Cognitive and neuropsychiatric effects of subthalamotomy for Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 535-539.	2.2	32
41	The globus pallidus pars externa and Parkinson's disease. Ready for prime time?. <i>Experimental Neurology</i> , 2006, 202, 1-7.	4.1	31
42	Thalamic deep brain stimulation for orthostatic tremor: A multicenter international registry. <i>Movement Disorders</i> , 2017, 32, 1240-1244.	3.9	30
43	Subthalamotomy for Parkinson's disease: clinical outcome and topography of lesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 572-578.	1.9	30
44	Lesion of the centromedian thalamic nucleus in MPTP-treated monkeys. <i>Movement Disorders</i> , 2008, 23, 708-715.	3.9	29
45	Oscillatory activity in the basal ganglia and deep brain stimulation. <i>Movement Disorders</i> , 2017, 32, 64-69.	3.9	25
46	Giant Intradiploic Epidermoid Tumor of the Occipital Bone: Case Report. <i>Neurosurgery</i> , 1990, 27, 978-981.	1.1	24
47	The mirror system, theory of mind and Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2011, 310, 194-196.	0.6	23
48	Effect of deep brain stimulation of the subthalamic nucleus on non-motor fluctuations in Parkinson's disease: Two-year' follow-up. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 543-547.	2.2	21
49	History and future challenges of the subthalamic nucleus as surgical target: Review article. <i>Movement Disorders</i> , 2018, 33, 1540-1550.	3.9	21
50	Lesion of the Basal Ganglia and Surgery for Parkinson Disease. <i>Archives of Neurology</i> , 2001, 58, 1165-1166.	4.5	14
51	Pain and dyskinesia in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 130-132.	3.9	11
52	Levodopa-induced dyskinesias in Parkinson's disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2007, 84, 185-218.	1.8	10
53	Effects of dexmedetomidine on subthalamic local field potentials in Parkinson's disease. <i>British Journal of Anaesthesia</i> , 2021, 127, 245-253.	3.4	9
54	Efficacy of levodopa therapy on motor function after posteroventral pallidotomy for Parkinson's disease. <i>Neurology</i> , 2000, 54, 535-535.	1.1	7

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55	Factors Associated with Tremor Changes during Sedation with Dexmedetomidine in Parkinson's Disease Surgery. <i>Stereotactic and Functional Neurosurgery</i> , 2015, 93, 393-399.	1.5	6
56	Hemiballism in Parkinson's disease.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995, 58, 645-647.	1.9	5
57	High frequency stimulation of the subthalamic nucleus and levodopa induced dyskinesias in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000, 68, 122-123.	1.9	5
58	Subthalamic role on the generation of spikes in temporal epilepsy. <i>Epilepsy Research</i> , 2009, 83, 257-260.	1.6	5
59	Motor manifestations and basal ganglia output activity: The paradox continues. <i>Movement Disorders</i> , 2013, 28, 416-418.	3.9	5
60	Letter to the Editor: Parkinson's disease and early subthalamotomy. <i>Journal of Neurosurgery</i> , 2015, 122, 980-982.	1.6	5
61	Arginine NO-dependent and NO-independent effects on hemodynamics. <i>European Journal of Pharmacology</i> , 2014, 729, 138-143.	3.5	3
62	Sedation During Surgery for Movement Disorders and Perioperative Neurologic Complications: An Observational Study Comparing Local Anesthesia, Remifentanyl, and Dexmedetomidine. <i>World Neurosurgery</i> , 2017, 101, 114-121.	1.3	3
63	Factors Associated with Headache and Nausea During Magnetic Resonanceâ€“Guided Focused Ultrasound for Tremor. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 701-708.	1.5	3
64	Commentary. <i>Movement Disorders</i> , 2014, 29, 190-190.	3.9	1
65	Deep Brain Stimulation of the Globus Pallidus Pars Interna and Subthalamic Nucleus in Parkinson's Disease: Pros and Cons. , 2008, , 277-289.		1
66	Situaci3n actual del tratamiento quir3rgico de la enfermedad de Parkinson. <i>Medicina Cl3nica</i> , 2003, 121, 181-183.	0.6	1
67	Origin of chorea-ballism and multisystem degeneration: Pathophysiological implications. <i>Movement Disorders</i> , 1993, 8, 123-124.	3.9	0
68	Stereotactic Targeting of the Globus Pallidus Internus for Parkinson's Disease: Imaging versus Electrophysiological Mapping. <i>Neurosurgery</i> , 2000, 46, 510-510.	1.1	0
69	Revisiting Forel Field Surgery. <i>World Neurosurgery</i> , 2021, 147, 11-22.	1.3	0
70	Stereotactic Targeting of the Globus Pallidus Internus in Parkinsonâ€™s Disease: Imaging versus Electrophysiological Mapping. <i>Neurosurgery</i> , 2000, 46, 1024.	1.1	0
71	Paradox of the Basal Ganglia Model: The Antidyskinetic Effect of Surgical Lesions in Movement Disorders. <i>Advances in Behavioral Biology</i> , 2009, , 513-520.	0.2	0