

Aparna Wagle Shukla

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,277
citations

186265

28
h-index

265206

42
g-index

103
all docs

103
docs citations

103
times ranked

2818
citing authors

#	ARTICLE	IF	CITATIONS
1	Worsening essential tremor following deep brain stimulation: disease progression versus tolerance. <i>Brain</i> , 2012, 135, 1455-1462.	7.6	121
2	Effect of Low-Frequency Repetitive Transcranial Magnetic Stimulation on Interhemispheric Inhibition. <i>Journal of Neurophysiology</i> , 2005, 94, 1668-1675.	1.8	111
3	Effects of short interval intracortical inhibition and intracortical facilitation on short interval intracortical facilitation in human primary motor cortex. <i>Journal of Physiology</i> , 2009, 587, 5665-5678.	2.9	92
4	Micrographia and related deficits in Parkinson's disease: a cross-sectional study. <i>BMJ Open</i> , 2012, 2, e000628.	1.9	78
5	A widespread visually-sensitive functional network relates to symptoms in essential tremor. <i>Brain</i> , 2018, 141, 472-485.	7.6	71
6	Interactions between long latency afferent inhibition and interhemispheric inhibitions in the human motor cortex. <i>Journal of Physiology</i> , 2005, 563, 915-924.	2.9	67
7	Functional Brain Activity Relates to 3 and 8 Hz Force Oscillations in Essential Tremor. <i>Cerebral Cortex</i> , 2015, 25, 4191-4202.	2.9	67
8	STN vs. GPI deep brain stimulation for tremor suppression in Parkinson disease: A systematic review and meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019, 58, 56-62.	2.2	63
9	The Gut-Brain Axis and Its Relation to Parkinson's Disease: A Review. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 782082.	3.4	59
10	Repetitive Transcranial Magnetic Stimulation (rTMS) Therapy in Parkinson Disease: A Meta-Analysis. <i>PM and R</i> , 2016, 8, 356-366.	1.6	58
11	Network-level connectivity is a critical feature distinguishing dystonic tremor and essential tremor. <i>Brain</i> , 2019, 142, 1644-1659.	7.6	56
12	Longitudinal follow-up with VIM thalamic deep brain stimulation for dystonic or essential tremor. <i>Neurology</i> , 2020, 94, e1073-e1084.	1.1	55
13	Functional activity of the sensorimotor cortex and cerebellum relates to cervical dystonia symptoms. <i>Human Brain Mapping</i> , 2017, 38, 4563-4573.	3.6	49
14	Comparative connectivity correlates of dystonic and essential tremor deep brain stimulation. <i>Brain</i> , 2021, 144, 1774-1786.	7.6	47
15	Missing Dosages and Neuroleptic Usage May Prolong Length of Stay in Hospitalized Parkinson's Disease Patients. <i>PLoS ONE</i> , 2015, 10, e0124356.	2.5	46
16	DBS Programming: An Evolving Approach for Patients with Parkinson's Disease. <i>Parkinson's Disease</i> , 2017, 2017, 1-11.	1.1	46
17	Ventral Intermediate Nucleus Versus Zona Incerta Region Deep Brain Stimulation in Essential Tremor. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 75-82.	1.5	46
18	Update on deep brain stimulation in Parkinson's disease. <i>Translational Neurodegeneration</i> , 2015, 4, 12.	8.0	45

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19	Surgical Treatment of Parkinson's Disease: Patients, Targets, Devices, and Approaches. <i>Neurotherapeutics</i> , 2014, 11, 47-59.	4.4	44
20	An Eight-Year Clinic Experience with Clozapine Use in a Parkinsonâ€™s Disease Clinic Setting. <i>PLoS ONE</i> , 2014, 9, e91545.	2.5	41
21	Expanding horizons for clinical applications of chloroquine, hydroxychloroquine, and related structural analogues. <i>Drugs in Context</i> , 2019, 8, 1-12.	2.2	37
22	Rate of aspiration pneumonia in hospitalized Parkinsonâ€™s disease patients: a cross-sectional study. <i>BMC Neurology</i> , 2015, 15, 104.	1.8	35
23	Virtual visits for Parkinson disease. <i>Neurology: Clinical Practice</i> , 2017, 7, 283-295.	1.6	35
24	Chloroquine and hydroxychloroquine in the context of COVID-19. <i>Drugs in Context</i> , 2020, 9, 1-8.	2.2	35
25	Direct demonstration of inhibitory interactions between long interval intracortical inhibition and short interval intracortical inhibition. <i>Journal of Physiology</i> , 2011, 589, 2955-2962.	2.9	34
26	State of the Art for Deep Brain Stimulation Therapy in Movement Disorders: A Clinical and Technological Perspective. <i>IEEE Reviews in Biomedical Engineering</i> , 2016, 9, 219-233.	18.0	33
27	Thalamic deep brain stimulation for orthostatic tremor: A multicenter international registry. <i>Movement Disorders</i> , 2017, 32, 1240-1244.	3.9	30
28	A pooled meta-analysis of GPi and STN deep brain stimulation outcomes for cervical dystonia. <i>Journal of Neurology</i> , 2020, 267, 1278-1290.	3.6	29
29	Quality of life in isolated dystonia: non-motor manifestations matter. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 622-628.	1.9	27
30	Unilateral thalamic deep brain stimulation in essential tremor demonstrates long-term ipsilateral effects. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 1113-1117.	2.2	26
31	Variable frequency stimulation of subthalamic nucleus in Parkinson's disease: Rationale and hypothesis. <i>Parkinsonism and Related Disorders</i> , 2017, 39, 27-30.	2.2	25
32	Cognitive Impact of Deep Brain Stimulation on Parkinsonâ€™s Disease Patients. <i>Parkinson's Disease</i> , 2017, 2017, 1-15.	1.1	25
33	Importance of the initial response to GPi deep brain stimulation in dystonia: A nine year quality of life study. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 249-255.	2.2	24
34	Square biphasic pulse deep brain stimulation for essential tremor: TheÂ®BiP tremor study. <i>Parkinsonism and Related Disorders</i> , 2018, 46, 41-46.	2.2	22
35	STN Versus GPi Deep Brain Stimulation for Action and Rest Tremor in Parkinsonâ€™s Disease. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 578615.	2.0	22
36	Deep brain stimulation in essential tremor: targets, technology, and a comprehensive review of clinical outcomes. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 319-331.	2.8	22

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37	A randomized study of botulinum toxin versus botulinum toxin plus physical therapy for treatment of cervical dystonia. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 195-198.	2.2	21
38	Treatment and Physiology in Parkinson's Disease and Dystonia: Using Transcranial Magnetic Stimulation to Uncover the Mechanisms of Action. <i>Current Neurology and Neuroscience Reports</i> , 2014, 14, 449.	4.2	20
39	Unexpected Dual Task Benefits on Cycling in Parkinson Disease and Healthy Adults: A Neuro-Behavioral Model. <i>PLoS ONE</i> , 2015, 10, e0125470.	2.5	20
40	The "Brittle Response" to Parkinson's Disease Medications: Characterization and Response to Deep Brain Stimulation. <i>PLoS ONE</i> , 2014, 9, e94856.	2.5	19
41	Cortical dynamics within and between parietal and motor cortex in essential tremor. <i>Movement Disorders</i> , 2019, 34, 95-104.	3.9	18
42	An International Survey of Deep Brain Stimulation Utilization in Asia and Oceania: The DBS Think Tank East. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 162.	2.0	18
43	Deep Brain Stimulation in a Case of Mitochondrial Disease. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 139-145.	1.5	17
44	Deep Brain Stimulation at Variable Frequency to Improve Motor Outcomes in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 538-541.	1.5	16
45	Therapeutic Advances in the Treatment of Holmes Tremor: Systematic Review. <i>Neuromodulation</i> , 2022, 25, 796-803.	0.8	15
46	Personalized medicine in deep brain stimulation through utilization of neural oscillations. <i>Neurology</i> , 2012, 78, 1900-1901.	1.1	13
47	Association between antidepressants and falls in Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 76-82.	3.6	12
48	Physiological effects of subthalamic nucleus deep brain stimulation surgery in cervical dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1296-1300.	1.9	11
49	Square Biphasic Pulse Deep Brain Stimulation for Parkinson's Disease: The BiP-PD Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 368.	2.0	11
50	Secondary Worsening Following DYT1 Dystonia Deep Brain Stimulation: A Multi-country Cohort. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 242.	2.0	11
51	Impact of discontinuing tremor suppressing medications following thalamic deep brain stimulation. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 171-175.	2.2	10
52	Botulinum Toxin Therapy for Parkinson's Disease. <i>Seminars in Neurology</i> , 2017, 37, 193-204.	1.4	10
53	Gait worsening and the microlesion effect following deep brain stimulation for essential tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 913-919.	1.9	9
54	Quantitative Separation of Tremor and Ataxia in Essential Tremor. <i>Annals of Neurology</i> , 2020, 88, 375-387.	5.3	9

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55	Case Report: Deep Brain Stimulation of the Nucleus Basalis of Meynert for Advanced Alzheimer's Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 645584.	2.0	9
56	Combined effects of rTMS and botulinum toxin therapy in benign essential blepharospasm. <i>Brain Stimulation</i> , 2018, 11, 645-647.	1.6	8
57	Rationale and patient selection for interventional therapies in Parkinson's disease. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 811-823.	2.8	8
58	Deep brain stimulation programming strategies: segmented leads, independent current sources, and future technology. <i>Expert Review of Medical Devices</i> , 2021, 18, 875-891.	2.8	8
59	Dysarthria and Speech Intelligibility Following Parkinson's Disease Globus Pallidus Internus Deep Brain Stimulation. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1493-1502.	2.8	8
60	Variables associated with physical health-related quality of life in Parkinson's disease patients presenting for deep brain stimulation. <i>Neurological Sciences</i> , 2016, 37, 1831-1837.	1.9	7
61	Is deep brain stimulation therapy underutilized for movement disorders?. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 899-901.	2.8	7
62	Cognitive Outcomes for Essential Tremor Patients Selected for Thalamic Deep Brain Stimulation Surgery Through Interdisciplinary Evaluations. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 578348.	2.0	7
63	Development and Validation of the Orthostatic Tremor Severity and Disability Scale (OTSD-10). <i>Movement Disorders</i> , 2020, 35, 1796-1801.	3.9	7
64	Diffusion Magnetic Resonance Imaging Detects Progression in Parkinson's Disease: A Placebo-Controlled Trial of Rasagiline. <i>Movement Disorders</i> , 2022, 37, 325-333.	3.9	7
65	Extended-Release Amantadine: A Smart Pill for Treatment of Levodopa-Induced Dyskinesia but Does the Evidence Justify the Cost?. <i>JAMA Neurology</i> , 2017, 74, 904.	9.0	6
66	Imaging of dopamine transporters in Parkinson disease: a meta-analysis of 18 F-DOPA PET studies. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1524-1534.	3.7	6
67	Deep brain stimulation and other surgical modalities for the management of essential tremor. <i>Expert Review of Medical Devices</i> , 2020, 17, 817-833.	2.8	6
68	Multidisciplinary Telemedicine Care for Tourette Syndrome: Minireview. <i>Frontiers in Neurology</i> , 2020, 11, 573576.	2.4	6
69	Clinical and imaging features of newly recognized Kelch-like protein 11 paraneoplastic syndrome. <i>Neurology</i> , 2020, 95, 134-135.	1.1	6
70	Gait characterization for patients with orthostatic tremor. <i>Parkinsonism and Related Disorders</i> , 2020, 71, 23-27.	2.2	6
71	Reduction of neuronal hyperexcitability with modulation of T-type calcium channel or SK channel in essential tremor. <i>International Review of Neurobiology</i> , 2022, , .	2.0	6
72	Global attentional neglect of segmented lines in Parkinson's disease. <i>Neurocase</i> , 2015, 21, 501-508.	0.6	5

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73	Deep Brain Stimulation in Parkinson's Disease. <i>Parkinson's Disease</i> , 2018, 2018, 1-2.	1.1	5
74	Transcranial Magnetic Stimulation in Tremor Syndromes: Pathophysiologic Insights and Therapeutic Role. <i>Frontiers in Neurology</i> , 2021, 12, 700026.	2.4	5
75	Benign tremulous Parkinsonism: a unique entity or another facet of Parkinson's disease?. <i>Translational Neurodegeneration</i> , 2016, 5, 10.	8.0	4
76	Focal cervical dystonia presents in the setting of acute cerebellar hemorrhage. <i>Journal of the Neurological Sciences</i> , 2017, 375, 307-308.	0.6	4
77	The ice test to differentiate essential tremor from Parkinson's disease tremor. <i>Clinical Neurophysiology</i> , 2017, 128, 2181-2183.	1.5	4
78	Globus pallidus internus deep brain stimulation induces tremor in Parkinson's disease: A paradoxical phenomenon. <i>Journal of the Neurological Sciences</i> , 2018, 392, 102-104.	0.6	4
79	Cortical Oscillations in Cervical Dystonia and Dystonic Tremor. <i>Cerebral Cortex Communications</i> , 2020, 1, tga048.	1.6	4
80	Case Report: Globus Pallidus Internus (GPi) Deep Brain Stimulation Induced Keyboard Typing Dysfunction. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 583441.	2.0	4
81	High-dose Botulinum Toxin Therapy: Safety, Benefit, and Endurance of Efficacy. <i>Tremor and Other Hyperkinetic Movements</i> , 2020, 10, .	2.0	4
82	The use of virtual reality to modify and personalize interior home features in Parkinson's disease. <i>Experimental Gerontology</i> , 2022, 159, 111702.	2.8	4
83	Rationale and Evidence for Peripheral Nerve Stimulation for Treating Essential Tremor. <i>Tremor and Other Hyperkinetic Movements</i> , 2022, 12, .	2.0	4
84	Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. <i>Brain</i> , 2018, 141, e48-e48.	7.6	3
85	Th17 lymphocyte spearheads the immune attack in Parkinson's disease: New evidence for neuronal death. <i>Movement Disorders</i> , 2018, 33, 1560-1560.	3.9	3
86	Potential role for rTMS in treating Primary Orthostatic Tremor. <i>Brain Stimulation</i> , 2020, 13, 1105-1107.	1.6	3
87	Dystonia as a Presenting Feature of Acute Ischemic Stroke: A Case Report and Literature Review. <i>Cureus</i> , 2021, 13, e17272.	0.5	3
88	Comparable Botulinum Toxin Outcomes between Primary and Secondary Blepharospasm: A Retrospective Analysis. <i>Tremor and Other Hyperkinetic Movements</i> , 2014, 4, 286.	2.0	3
89	Globus Pallidum DBS for Task-Specific Dystonia in a Professional Golfer. <i>Tremor and Other Hyperkinetic Movements</i> , 2018, 8, 487.	2.0	3
90	TETRAS Spirals and Handwriting Samples: Determination of Optimal Scoring Examples. <i>Tremor and Other Hyperkinetic Movements</i> , 2021, 11, 50.	2.0	3

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91	Microlesion effects, suboptimal lead placement and disease progression are critical determinants for DBS tolerance in essential tremor. <i>Clinical Neurophysiology</i> , 2018, 129, 2215-2216.	1.5	2
92	Essential requisites for rest tremor assessment in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 927-929.	3.9	2
93	Time for a New 3-D Image for Globus Pallidus Internus Deep Brain Stimulation Targeting and Programming. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1881-1885.	2.8	2
94	Predictive modeling of spread in adult-onset isolated dystonia: Key properties and effect of tremor inclusion. <i>European Journal of Neurology</i> , 2021, 28, 3999-4009.	3.3	2
95	Complex genetics of Tourette's Syndrome: Piecing the puzzle. <i>Movement Disorders</i> , 2017, 32, 1685-1685.	3.9	1
96	Reply: Thalamotomy for tremor normalizes aberrant pre-therapeutic visual cortex functional connectivity. <i>Brain</i> , 2019, 142, e58-e58.	7.6	1
97	Reply to letter to the editor, "A randomized study of botulinum toxin versus botulinum toxin plus physical therapy for treatment of cervical dystonia.". <i>Parkinsonism and Related Disorders</i> , 2020, 74, 85.	2.2	1
98	Sniffing out cognitive decline in patients with and without evidence of dopaminergic deficit. <i>Clinical Parkinsonism & Related Disorders</i> , 2019, 1, 77-81.	0.9	0
99	Moving From Wired to Wireless Brain Stimulation to Treat Movement Disorders: Are We Breaking Ground?. <i>Movement Disorders</i> , 2021, 36, 610-610.	3.9	0