

# Neil Mahant

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

3,832  
citations

201385

27  
h-index

128067

60  
g-index

71  
all docs

71  
docs citations

71  
times ranked

5333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke. <i>New England Journal of Medicine</i> , 2019, 380, 1795-1803.	13.9	653
2	Beta Oscillatory Activity in the Subthalamic Nucleus and Its Relation to Dopaminergic Response in Parkinson's Disease. <i>Journal of Neurophysiology</i> , 2006, 96, 3248-3256.	0.9	520
3	A Unifying Explanation of Primary Generalized Seizures Through Nonlinear Brain Modeling and Bifurcation Analysis. <i>Cerebral Cortex</i> , 2006, 16, 1296-1313.	1.6	414
4	The distribution of structural neuropathology in pre-clinical Huntington's disease. <i>Brain</i> , 2002, 125, 1815-1828.	3.7	247
5	A Multicentre, Randomized, Double-Blinded, Placebo-Controlled Phase III Study to Investigate Extending the Time for Thrombolysis in Emergency Neurological Deficits (EXTEND). <i>International Journal of Stroke</i> , 2012, 7, 74-80.	2.9	182
6	Progression of structural neuropathology in preclinical Huntington's disease: a tensor based morphometry study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 650-655.	0.9	163
7	Myoclonus-dystonia: significance of large <i>SCGCE</i> deletions. <i>Human Mutation</i> , 2008, 29, 331-332.	1.1	138
8	Neuronal Firing Rates and Patterns in the Globus Pallidus Internus of Patients With Cervical Dystonia Differ From Those With Parkinson's Disease. <i>Journal of Neurophysiology</i> , 2007, 98, 720-729.	0.9	129
9	Phenotypic insights into <i>ADCY5</i> associated disease. <i>Movement Disorders</i> , 2016, 31, 1033-1040.	2.2	106
10	The current use of botulinum toxin. <i>Journal of Clinical Neuroscience</i> , 2000, 7, 389-394.	0.8	90
11	<i>GNAO1</i> encephalopathy. <i>Neurology: Genetics</i> , 2017, 3, e143.	0.9	84
12	Effect of impulse control disorders on disability and quality of life in Parkinson's disease patients. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 63-66.	0.8	73
13	Firing rates of pallidal neurons are similar in Huntington's and Parkinson's disease patients. <i>Experimental Brain Research</i> , 2005, 166, 230-236.	0.7	72
14	Deep brain stimulation surgery for Parkinson's disease: mechanisms and consequences. <i>Parkinsonism and Related Disorders</i> , 2004, 10, S49-S57.	1.1	70
15	The Spot Sign and Tranexamic Acid on Preventing ICH Growth – AUStralasia Trial (STOP-AUST): Protocol of a Phase II Randomized, Placebo-Controlled, Double-Blind, Multicenter Trial. <i>International Journal of Stroke</i> , 2014, 9, 519-524.	2.9	62
16	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. <i>International Journal of Stroke</i> , 2018, 13, 328-334.	2.9	58
17	<i>KMT2B</i> -related disorders: expansion of the phenotypic spectrum and long-term efficacy of deep brain stimulation. <i>Brain</i> , 2020, 143, 3242-3261.	3.7	57
18	Changes in cortical and pallidal oscillatory activity during the execution of a sensory trick in patients with cervical dystonia. <i>Experimental Neurology</i> , 2007, 204, 845-848.	2.0	53

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19	A Randomized, Double-blind, Placebo-Controlled Study of Latrepirdine in Patients With Mild to Moderate Huntington Disease. <i>JAMA Neurology</i> , 2013, 70, 25.	4.5	53
20	Treatment of <i>ADCY5</i>-Associated Dystonia, Chorea, and Hyperkinetic Disorders With Deep Brain Stimulation. <i>Journal of Child Neurology</i> , 2016, 31, 1027-1035.	0.7	44
21	Whole genome sequencing for the genetic diagnosis of heterogenous dystonia phenotypes. <i>Parkinsonism and Related Disorders</i> , 2019, 69, 111-118.	1.1	44
22	24Âh Levodopaâ€carbidoa intestinal gel may reduce falls and â€œunresponsiveâ€freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 317-320.	1.1	41
23	Active exercise for individuals with cervical dystonia: a pilot randomized controlled trial. <i>Clinical Rehabilitation</i> , 2013, 27, 226-235.	1.0	38
24	Intraduodenal levodopa-carbidopa intestinal gel infusion improves both motor performance and quality of life in advanced Parkinsonâ€™s disease. <i>Journal of Clinical Neuroscience</i> , 2016, 25, 41-45.	0.8	38
25	Hitting the brakes: pathological subthalamic nucleus activity in Parkinsonâ€™s disease gait freezing. <i>Brain</i> , 2019, 142, 3906-3916.	3.7	37
26	Dysexecutive behaviour following deep brain lesions â€ AÂdifferent type of disconnection syndrome?. <i>Cortex</i> , 2012, 48, 97-119.	1.1	35
27	Clinical outcomes in the surgical treatment of idiopathic normal pressure hydrocephalus. <i>Journal of Clinical Neuroscience</i> , 2016, 29, 81-86.	0.8	34
28	24-hour levodopa-carbidopa intestinal gel may reduce troublesome dyskinesia in advanced Parkinsonâ€™s disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 34.	2.5	26
29	Treatment of proximal upper limb tremor with botulinum toxin therapy. <i>Movement Disorders</i> , 2014, 29, 835-838.	2.2	24
30	STroke imAging pRevention and Treatment (START): A Longitudinal Stroke Cohort Study: Clinical Trials Protocol. <i>International Journal of Stroke</i> , 2015, 10, 636-644.	2.9	24
31	The Toronto Western Spasmodic Torticollis Rating Scale: Reliability in neurologists and physiotherapists. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 635-637.	1.1	23
32	Myoclonusâ€dystonia caused by <i>GNB1</i> mutation responsive to deep brain stimulation. <i>Movement Disorders</i> , 2019, 34, 1079-1080.	2.2	22
33	Postural tremor and chronic inflammatory demyelinating polyneuropathy. <i>Muscle and Nerve</i> , 2017, 55, 338-343.	1.0	16
34	A Review of Clinical Outcomes for Gait and Other Variables in the Surgical Treatment of Idiopathic Normal Pressure Hydrocephalus. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 331-341.	0.8	14
35	Dramatic improvement of truncal tardive dystonia following globus pallidus pars interna deep brain stimulation. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 515-517.	0.8	12
36	Rest tremor correlates with reduced contralateral striatal dopamine transporter binding in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2021, 85, 102-108.	1.1	11

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37	Stiff Limb Syndrome Mimicking Corticobasal Syndrome. <i>Movement Disorders Clinical Practice</i> , 2014, 1, 354-356.	0.8	9
38	Validation of Fear of Falling and Balance Confidence Assessment Scales in Persons With Dystonia. <i>Journal of Neurologic Physical Therapy</i> , 2017, 41, 239-244.	0.7	9
39	Long-term safety and efficacy of 24-hour levodopa-carbidopa intestinal gel in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 1747-1748.	2.2	9
40	Botulinum Toxin for the Management of Sjögren Syndrome-Associated Recurrent Parotitis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 2428-2430.	0.5	8
41	Primary orthostatic tremor: is deep brain stimulation better than spinal cord stimulation?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 804-805.	0.9	8
42	Focal myoclonus-dystonia of the leg secondary to a lesion of the posterolateral putamen: Clinical and neurophysiological features. <i>Movement Disorders</i> , 2003, 18, 452-455.	2.2	7
43	Movement disorders associated with CLIPPERS. <i>Movement Disorders</i> , 2014, 29, 148-150.	2.2	7
44	Four cases of orthostatic myoclonus. <i>Journal of Clinical Neuroscience</i> , 2016, 29, 180-182.	0.8	7
45	Time to acute stroke treatment in hours was more than halved after the introduction of the Helsinki Model at Westmead Hospital. <i>Internal Medicine Journal</i> , 2019, 49, 1386-1392.	0.5	6
46	On-State-Freezing of Gait: Insights and Treatment With Levodopa Intestinal Gel Infusion. <i>Movement Disorders</i> , 2020, 35, 895-896.	2.2	6
47	A survey of falls in people with dystonia. <i>Physiotherapy Research International</i> , 2020, 25, e1840.	0.7	5
48	Levodopa/dopa decarboxylase inhibitor associated microscopic colitis: An under-recognized drug reaction. <i>Parkinsonism and Related Disorders</i> , 2021, 86, 84-90.	1.1	5
49	Resolution of Othello Syndrome After Subthalamic Nucleus Deep Brain Stimulation in 3 Patients with Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2014, 1, 357-360.	0.8	4
50	Cost-Effectiveness of IncobotulinumtoxinA in the Treatment of Sialorrhea in Patients with Various Neurological Conditions. <i>Neurology and Therapy</i> , 2020, 9, 117-133.	1.4	4
51	Driving restrictions following deep brain stimulation surgery. <i>BMJ Neurology Open</i> , 2021, 3, e000210.	0.7	4
52	The relationship between cortical and spinal hyperexcitability and clinical disease severity in stiff-man syndrome. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 1045-1047.	1.1	3
53	Abnormalities of neuromuscular transmission in patients with Miller-Fisher syndrome. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1599-1601.	0.8	3
54	Neurophysiological Features Of Hemiballism. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 116-120.	0.8	3

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55	Levodopa/carbidopa intestinal gel infusion can improve camptocormia in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 282-283.	1.1	3
56	Measuring Tremor—A Comparison of Automated Video Analysis, Neurophysiology, and Clinical Rating. <i>Movement Disorders</i> , 2021, 36, 2962-2963.	2.2	3
57	Cortical limb myoclonus in pathologically proven progressive supranuclear palsy. <i>Movement Disorders</i> , 2013, 28, 1804-1806.	2.2	2
58	Deep Brain Stimulation as Management of Generalized Dystonia in the 18p Deletion Syndrome. <i>Movement Disorders Clinical Practice</i> , 2019, 6, 263-264.	0.8	2
59	034—Prospective study of 24-hour levodopa-carbidopa intestinal gel therapy for unresponsive freezing of gait. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, A12.1-A12.	0.9	2
60	032—Neurological sequelae of immune checkpoint inhibitors: a case series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A13.3-A14.	0.9	1
61	Investigating the Precise Localization of the Grasping Action in the Mid-Cingulate Cortex and Future Directions. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 815749.	1.0	1
62	87. Impulse control disorders and the quality of life in Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 1635-1636.	0.8	0
63	002—Persistent improvement in door-to-needle times after implementation of the helsinki protocol for routine acute stroke care. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A2.2-A2.	0.9	0
64	078—Deep brain stimulation (DBS) for dyskinetic cerebral palsy: a pilot study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A32.1-A32.	0.9	0
65	038—Tremor: a clinical and neurophysiological study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, A13.2-A13.	0.9	0
66	Progressive cognitive decline in two patients with severe MRI brain changes. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 165-167.	0.8	0
67	Progressive cognitive decline in two patients with severe MRI brain changes — Answer. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 172-174.	0.8	0
68	Alterations in Globus Pallidus Internus Firing Patterns are Associated with Different Movement Disorders. , 2005, , 389-396.		0