

Mandar S Jog

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123
papers

1,748
citations

21
h-index

37
g-index

131
ext. papers

2,227
ext. citations

3.5
avg, IF

5.18
L-index

#	Paper	IF	Citations
123	A randomized clinical trial of high-dosage coenzyme Q10 in early Parkinson disease: no evidence of benefit. <i>JAMA Neurology</i> , 2014 , 71, 543-52	17.2	239
122	Sublingual atropine for sialorrhea secondary to parkinsonism: a pilot study. <i>Movement Disorders</i> , 2002 , 17, 1318-20	7	144
121	An update on the diagnosis and treatment of Parkinson disease. <i>Cmaj</i> , 2016 , 188, 1157-1165	3.5	137
120	Canadian Guidelines on Parkinson's Disease. <i>Canadian Journal of Neurological Sciences</i> , 2012 , 39, S1-30	1	81
119	Dopaminergic modulation of timing control and variability in the gait of Parkinson's disease. <i>Movement Disorders</i> , 2007 , 22, 1735-42	7	67
118	Spinal Cord Stimulation Therapy for Gait Dysfunction in Advanced Parkinson's Disease Patients. <i>Movement Disorders</i> , 2018 , 33, 783-792	7	52
117	Towards remote monitoring of Parkinson's disease tremor using wearable motion capture systems. <i>Journal of the Neurological Sciences</i> , 2018 , 384, 38-45	3.2	48
116	Loudness perception and speech intensity control in Parkinson's disease. <i>Journal of Communication Disorders</i> , 2014 , 51, 1-12	1.9	41
115	Gum chewing improves swallow frequency and latency in Parkinson patients: a preliminary study. <i>Neurology</i> , 2010 , 74, 1198-202	6.5	38
114	Auto detection and segmentation of physical activities during a Timed-Up-and-Go (TUG) task in healthy older adults using multiple inertial sensors. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015 , 12, 36	5.3	32
113	Bradykinesia in patients with Parkinson's disease having levodopa-induced dyskinesias. <i>Brain Research Bulletin</i> , 2006 , 69, 512-8	3.9	30
112	Effectiveness of BoNT A in Parkinson's disease upper limb tremor management. <i>Canadian Journal of Neurological Sciences</i> , 2013 , 40, 663-9	1	28
111	Movement patterns of peak-dose levodopa-induced dyskinesias in patients with Parkinson's disease. <i>Brain Research Bulletin</i> , 2007 , 74, 66-74	3.9	27
110	Long-term tremor therapy for Parkinson and essential tremor with sensor-guided botulinum toxin type A injections. <i>PLoS ONE</i> , 2017 , 12, e0178670	3.7	27
109	Spike source localization with tetrodes. <i>Journal of Neuroscience Methods</i> , 2005 , 142, 305-15	3	26
108	The Striatum and Subthalamic Nucleus as Independent and Collaborative Structures in Motor Control. <i>Frontiers in Systems Neuroscience</i> , 2016 , 10, 17	3.5	24
107	Functional Ability Improved in Essential Tremor by IncobotulinumtoxinA Injections Using Kinematically Determined Biomechanical Patterns - A New Future. <i>PLoS ONE</i> , 2016 , 11, e0153739	3.7	24

106	Causes for treatment delays in dystonia and hemifacial spasm: a Canadian survey. <i>Canadian Journal of Neurological Sciences</i> , 2011 , 38, 704-11	1	23
105	Levodopa-induced dyskinesias detection based on the complexity of involuntary movements. <i>Journal of Neuroscience Methods</i> , 2010 , 186, 81-9	3	22
104	Neuroferritinopathy: Pathophysiology, Presentation, Differential Diagnoses and Management. <i>Tremor and Other Hyperkinetic Movements</i> , 2020 , 6, 355	2	22
103	Using ecological whole body kinematics to evaluate effects of medication adjustment in Parkinson disease. <i>Journal of Parkinson's Disease</i> , 2014 , 4, 617-27	5.3	21
102	Using Wearable Technology to Generate Objective Parkinson's Disease Dyskinesia Severity Score: Possibilities for Home Monitoring. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017 , 25, 1853-1863	4.8	19
101	Evaluation of Speech Amplification Devices in Parkinson's Disease. <i>American Journal of Speech-Language Pathology</i> , 2016 , 25, 29-45	3.1	19
100	The influence of levodopa-induced dyskinesias on manual tracking in patients with Parkinson's disease. <i>Experimental Brain Research</i> , 2007 , 176, 465-75	2.3	19
99	Effective Management of Upper Limb Parkinsonian Tremor by IncobotulinumtoxinA Injections Using Sensor-based Biomechanical Patterns. <i>Tremor and Other Hyperkinetic Movements</i> , 2015 , 5, 348	2	19
98	Wireless inertial measurement unit with GPS (WIMU-GPS)--wearable monitoring platform for ecological assessment of lifestpace and mobility in aging and disease. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 5815-9	0.9	18
97	Building spike representation in tetrodes. <i>Journal of Neuroscience Methods</i> , 2006 , 157, 364-73	3	18
96	Advances in Neurotrophic Factor and Cell-Based Therapies for Parkinson's Disease: A Mini-Review. <i>Gerontology</i> , 2016 , 62, 371-80	5.5	17
95	Botulinum Toxin Induced Atrophy: An Uncharted Territory. <i>Toxins</i> , 2018 , 10,	4.9	17
94	Effective Management of Upper Limb Parkinsonian Tremor by IncobotulinumtoxinA Injections Using Sensor-based Biomechanical Patterns. <i>Tremor and Other Hyperkinetic Movements</i> , 2020 , 5, 348	2	17
93	Examining the relationship between speech intensity and self-rated communicative effectiveness in individuals with Parkinson's disease and hypophonia. <i>Journal of Communication Disorders</i> , 2015 , 56, 103-12	1.9	16
92	Comparing movement patterns associated with Huntington's chorea and Parkinson's dyskinesia. <i>Experimental Brain Research</i> , 2012 , 218, 639-54	2.3	16
91	Characterization of multi-joint upper limb movements in a single task to assess bradykinesia. <i>Journal of the Neurological Sciences</i> , 2016 , 368, 337-42	3.2	15
90	Computing spike directivity with tetrodes. <i>Journal of Neuroscience Methods</i> , 2005 , 149, 57-63	3	15
89	Voice quality severity and responsiveness to levodopa in Parkinson's disease. <i>Journal of Communication Disorders</i> , 2018 , 76, 1-10	1.9	14

88	Neurotrophic factor expression in expandable cell populations from brain samples in living patients with Parkinson's disease. <i>FASEB Journal</i> , 2013 , 27, 4157-68	0.9	14
87	Botulinum Toxin Type A Injections as Monotherapy for Upper Limb Essential Tremor Using Kinematics. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, 11-22	1	14
86	Quantification of whole-body bradykinesia in Parkinson's disease participants using multiple inertial sensors. <i>Journal of the Neurological Sciences</i> , 2018 , 387, 157-165	3.2	13
85	Non-invasive Transcranial Electrical Stimulation in Movement Disorders. <i>Frontiers in Neuroscience</i> , 2020 , 14, 522	5.1	11
84	Deep Brain Stimulation of the Subthalamic Nucleus Parameter Optimization for Vowel Acoustics and Speech Intelligibility in Parkinson's Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2018 , 61, 510-524	2.8	11
83	Effect of Levodopa on Speech Dysfluency in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2019 , 6, 150-154	2.2	11
82	Comparing GPS-Based Community Mobility Measures with Self-report Assessments in Older Adults with Parkinson's Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 2361-2370	6.4	10
81	Botulinum toxin in the treatment of lingual movement disorders. <i>Movement Disorders</i> , 2009 , 24, 2199-202		10
80	Capturing whole-body mobility of patients with Parkinson disease using inertial motion sensors: expected challenges and rewards. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 5833-8	0.9	10
79	Methods for digital video recording, storage, and communication of movement disorders. <i>Movement Disorders</i> , 2001 , 16, 1196-200	7	10
78	Personalized Bilateral Upper Limb Essential Tremor Therapy with Botulinum Toxin Using Kinematics. <i>Toxins</i> , 2019 , 11,	4.9	9
77	Dynamic decomposition of motion in essential and parkinsonian tremor. <i>Canadian Journal of Neurological Sciences</i> , 2015 , 42, 116-24	1	9
76	PHTNet: Characterization and Deep Mining of Involuntary Pathological Hand Tremor using Recurrent Neural Network Models. <i>Scientific Reports</i> , 2020 , 10, 2195	4.9	9
75	Manganese and Movement Disorders: A Review. <i>Journal of Movement Disorders</i> , 2021 , 14, 93-102	2.9	9
74	Effect of concurrent walking and interlocutor distance on conversational speech intensity and rate in Parkinson's disease. <i>Gait and Posture</i> , 2016 , 43, 132-6	2.6	8
73	Tauopathy and Movement Disorders-Unveiling the Chameleons and Mimics. <i>Frontiers in Neurology</i> , 2020 , 11, 599384	4.1	8
72	Parkinson's Disease, NOTCH3 Genetic Variants, and White Matter Hyperintensities. <i>Movement Disorders</i> , 2020 , 35, 2090-2095	7	8
71	Personalized botulinum toxin type A therapy for cervical dystonia based on kinematic guidance. <i>Journal of Neurology</i> , 2018 , 265, 1269-1278	5.5	8

70	Pearls & Oysters: Spinocerebellar ataxia type 3 presenting with cervical dystonia without ataxia. <i>Neurology</i> , 2016 , 86, e1-3	6.5	7
69	Self-Rated Communication-Related Quality of Life of Individuals With Oromandibular Dystonia Receiving Botulinum Toxin Injections. <i>American Journal of Speech-Language Pathology</i> , 2017 , 26, 674-681 ³⁻¹		7
68	Palliative Care Discussions in Multiple System Atrophy: A Retrospective Review. <i>Canadian Journal of Neurological Sciences</i> , 2017 , 44, 276-282	1	6
67	Method of Levodopa Response Calculation Determines Strength of Association With Clinical Factors in Parkinson Disease. <i>Frontiers in Neurology</i> , 2018 , 9, 260	4.1	6
66	Zona incerta deep-brain stimulation in orthostatic tremor: efficacy and mechanism of improvement. <i>Journal of Neurology</i> , 2019 , 266, 2829-2837	5.5	6
65	Variability of hand tremor in rest and in posture—a pilot study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 470-3	0.9	6
64	Patterns and predictors of freezing of gait improvement following rasagiline therapy: A pilot study. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 150, 117-124	2	6
63	Down the Stairs Dystonia-A Novel Task-Specific Focal Isolated Syndrome. <i>Movement Disorders Clinical Practice</i> , 2017 , 4, 121-124	2.2	5
62	Teaching Video Neuro Lithium-induced reversible Pisa syndrome. <i>Neurology</i> , 2017 , 88, e184	6.5	5
61	Forward and backward walking in Parkinson disease: A factor analysis. <i>Gait and Posture</i> , 2019 , 74, 14-19	2.6	5
60	Effects of Deep Brain Stimulation of the Subthalamic Nucleus Settings on Voice Quality, Intensity, and Prosody in Parkinson's Disease: Preliminary Evidence for Speech Optimization. <i>Canadian Journal of Neurological Sciences</i> , 2019 , 46, 287-294	1	5
59	Neurophysiology and neurochemistry of corticobasal syndrome. <i>Journal of Neurology</i> , 2018 , 265, 991-998.5	3.5	5
58	Intra- and inter-limb coherency during stance in non-dyskinetic and dyskinetic patients with Parkinson's disease. <i>Clinical Neurology and Neurosurgery</i> , 2010 , 112, 392-9	2	5
57	Is there a tipping point in neuronal ensembles during learning?. <i>Neuroscience Letters</i> , 2007 , 412, 39-44	3.3	5
56	Hemiparkinsonism-Somatic Hemiatrophy Syndrome. <i>Canadian Journal of Neurological Sciences</i> , 2002 , 29, 184-187	1	5
55	A dynamical-systems model for Parkinson's disease. <i>Biological Cybernetics</i> , 2000 , 83, 47-59	2.8	5
54	Use of AbobotulinumtoxinA in Adults with Cervical Dystonia: A Systematic Literature Review. <i>Toxins</i> , 2020 , 12,	4.9	5
53	Expanding the search for genetic biomarkers of Parkinson's disease into the living brain. <i>Neurobiology of Disease</i> , 2020 , 140, 104872	7.5	5

52	Long-term update of the effect of spinal cord stimulation in advanced Parkinson's disease patients. <i>Brain Stimulation</i> , 2020 , 13, 1196-1197	5.1	4
51	Managing autonomic dysfunction in Parkinson's disease: a review of emerging drugs. <i>Expert Opinion on Emerging Drugs</i> , 2020 , 25, 37-47	3.7	4
50	Pearls & Oysters: Niemann-Pick disease type C in a 65-year-old patient. <i>Neurology</i> , 2016 , 87, e79-81	6.5	4
49	Naturalistic evaluation of entacapone in patients with signs and symptoms of L-dopa wearing-off. <i>Current Medical Research and Opinion</i> , 2008 , 24, 3207-15	2.5	4
48	"Weight-holding tremor": an unusual task-specific form of essential tremor?. <i>Movement Disorders</i> , 1995 , 10, 228-9	7	4
47	Muscle Tone Physiology and Abnormalities. <i>Toxins</i> , 2021 , 13,	4.9	4
46	Indomethacin-Responsive Idiopathic Red Ear Syndrome: Case Report and Pathophysiology. <i>Headache</i> , 2018 , 58, 306-308	4.2	4
45	Predicting Improvement in Writer's Cramp Symptoms following Botulinum Neurotoxin Injection Therapy. <i>Tremor and Other Hyperkinetic Movements</i> , 2016 , 6, 410	2	3
44	Minipolymyoclonus: A Critical Appraisal. <i>Journal of Movement Disorders</i> , 2021 , 14, 114-118	2.9	3
43	Variation in Speech Intelligibility Ratings as a Function of Speech Rate Modification in Parkinson's Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 1773-1793	2.8	3
42	Spontaneous Intracranial Hypotension as a Cause of Exacerbation in Huntington's Disease. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, 357-359	1	3
41	Tolerability and Efficacy of Customized IncobotulinumtoxinA Injections for Essential Tremor: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Toxins</i> , 2020 , 12,	4.9	2
40	Kinematic and kinetic assessment of upper limb movements in patients with writer's cramp. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016 , 13, 15	5.3	2
39	Quantifying the short-term effects of deep brain stimulation surgery on bradykinesia in Parkinson's disease patients 2014 ,		2
38	Standardized algorithm for muscle selection and dosing of botulinum toxin for Parkinson tremor using kinematic analysis. <i>Therapeutic Advances in Neurological Disorders</i> , 2020 , 13, 1756286420954083	6.6	2
37	Mercury and Movement Disorders: The Toxic Legacy Continues. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-9	1	2
36	Intrapallidal injection of botulinum toxin A recovers gait deficits in a parkinsonian rodent model. <i>Acta Physiologica</i> , 2019 , 226, e13230	5.6	2
35	Future Perspectives: Assessment Tools and Rehabilitation in the New Age 2017 , 155-182		1

34	Cognitive freezing: A newly recognized episodic phenomenon in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019 , 65, 49-54	3.6	1
33	Focal limb dystonia and tremor: Clinical update. <i>Toxicon</i> , 2020 , 176, 10-14	2.8	1
32	Can heterozygotes of autosomal recessive disorders have clinical manifestations?. <i>Movement Disorders</i> , 2018 , 33, 1368-1369	7	1
31	Tourette-Like Syndrome in a Patient with Deletion. <i>Movement Disorders Clinical Practice</i> , 2018 , 5, 86-88	2.2	1
30	Long-term Safety and Dosing of OnabotulinumtoxinA: A Prospective, Observational Study. <i>Canadian Journal of Neurological Sciences</i> , 2019 , 46, 742-752	1	1
29	Sensory manipulation in writer's cramp: Possibilities for rehabilitation 2013 ,		1
28	Levodopa and Parkinson disease--electrophysiological perspectives in animal models. <i>Experimental Neurology</i> , 2011 , 231, 11-3	5.7	1
27	Myoclonus-Dystonia Presentation of Gene Mutation in a Canadian Mennonite.. <i>Movement Disorders Clinical Practice</i> , 2022 , 9, 264-267	2.2	1
26	Novel Botulinum Toxin Injection Protocols for Parkinson Tremor and Essential Tremor - the Yale Technique and Sensor-Based Kinematics Procedure for Safe and Effective Treatment. <i>Tremor and Other Hyperkinetic Movements</i> , 2020 , 10, 61	2	1
25	A Comparison of Speech Amplification and Personal Communication Devices for Hypophonia. <i>Journal of Speech, Language, and Hearing Research</i> , 2020 , 63, 2695-2712	2.8	1
24	Efficacy and Acceptance of a Lombard-response Device for Hypophonia in Parkinson's Disease. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 634-641	1	1
23	Role of Vitamins in Advanced therapy for Parkinson's disease: Decoding the paradox. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-7	1	1
22	Speech Intensity Response to Altered Intensity Feedback in Individuals With Parkinson's Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 2261-2275	2.8	1
21	Spinal Cord Stimulation Therapy for Gait Dysfunction in Two Corticobasal Syndrome Patients. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, 278-280	1	1
20	Spinal cord stimulation therapy for gait dysfunction in progressive supranuclear palsy patients. <i>Journal of Neurology</i> , 2021 , 268, 989-996	5.5	1
19	Bilingualism in Parkinson's disease: Relationship to cognition and quality of life. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2021 , 43, 199-212	2.1	1
18	Reply to: Spinal cord stimulation for gait dysfunction in Parkinson's disease: Essential questions to discuss. <i>Movement Disorders</i> , 2018 , 33, 1829-1830	7	1
17	Transitioning from Unilateral to Bilateral Upper Limb Tremor Therapy for Parkinson's Disease and Essential Tremor Using Botulinum Toxin: Case Series. <i>Toxins</i> , 2018 , 10,	4.9	1

16	Contribution of rare variant associations to neurodegenerative disease presentation. <i>Npj Genomic Medicine</i> , 2021 , 6, 80	6.2	1
15	Association of apolipoprotein E variation with cognitive impairment across multiple neurodegenerative diagnoses. <i>Neurobiology of Aging</i> , 2021 , 105, 378.e1-378.e9	5.6	1
14	A Theoretical Information Processing-Based Approach to Basal Ganglia Function. <i>Advances in Behavioral Biology</i> , 2009 , 211-222		1
13	Botulinum toxin A injection into the entopeduncular nucleus improves dynamic locomotory parameters in hemiparkinsonian rats. <i>PLoS ONE</i> , 2019 , 14, e0223450	3.7	0
12	Epilepsia partialis continua in relapsing-remitting multiple sclerosis: A possible distinct relapse phenotype.. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 213, 107099	2	0
11	A deep explainable artificial intelligent framework for neurological disorders discrimination. <i>Scientific Reports</i> , 2021 , 11, 9630	4.9	0
10	Exploring the Psychosocial Impact of Botulinum Toxin Type A Injections for Individuals With Oromandibular Dystonia: A Qualitative Study of PatientsSEperiences. <i>American Journal of Speech-Language Pathology</i> , 2021 , 30, 1314-1328	3.1	0
9	Speech Rate Mediated Vowel and Stop Voicing Distinctiveness in ParkinsonS Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 4096-4123	2.8	0
8	Segmentation and detection of physical activities during a sitting task in ParkinsonS disease participants using multiple inertial sensors. <i>Journal of Applied Biomedicine</i> , 2017 , 15, 282-290	0.6	
7	Letter to the Editor Regarding "Statistical Shape Analysis of Subthalamic Nucleus in Patients with ParkinsonS Disease". <i>World Neurosurgery</i> , 2019 , 128, 629	2.1	
6	Optimizing the selection of ParkinsonS disease patients for neuromodulation using the levodopa challenge test. <i>Journal of Neurology</i> , 2021 , 1	5.5	
5	Diagnosing Unusual Presentations of Dopa-Responsive Conditions: Thinking on your Feet. <i>Canadian Journal of Neurological Sciences</i> , 2019 , 46, 127-129	1	
4	Iron Chelation in Movement Disorders: Logical or Ironical. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-8	1	
3	. <i>IEEE Access</i> , 2021 , 9, 111472-111485	3.5	
2	Review: catechol O-methyl transferase inhibitors plus L-dopa and some surgical interventions improve Parkinson disease symptoms. <i>ACP Journal Club</i> , 2004 , 140, 42		
1	Review: Catechol O-methyl transferase inhibitors plus L-dopa and some surgical interventions improve Parkinson disease symptoms. <i>ACP Journal Club</i> , 2004 , 140, 42		