

John G Nutt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8502106/publications.pdf>

Version: 2024-02-01

101
papers

10,167
citations

43973

48
h-index

38300

95
g-index

102
all docs

102
docs citations

102
times ranked

8278
citing authors

#	ARTICLE	IF	CITATIONS
1	Freezing of gait: moving forward on a mysterious clinical phenomenon. <i>Lancet Neurology</i> , The, 2011, 10, 734-744.	4.9	1,003
2	Episodic ataxia/myokymia syndrome is associated with point mutations in the human potassium channel gene, KCNA1. <i>Nature Genetics</i> , 1994, 8, 136-140.	9.4	771
3	The "Off" Phenomenon in Parkinson's Disease. <i>New England Journal of Medicine</i> , 1984, 310, 483-488.	8.9	543
4	Epidemiology of focal and generalized dystonia in Rochester, Minnesota. <i>Movement Disorders</i> , 1988, 3, 188-194.	2.2	509
5	iTUG, a Sensitive and Reliable Measure of Mobility. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2010, 18, 303-310.	2.7	426
6	A Randomized Clinical Trial of High-Dosage Coenzyme Q10 in Early Parkinson Disease. <i>JAMA Neurology</i> , 2014, 71, 543.	4.5	312
7	Levodopa as a Double-Edged Sword for Balance and Gait in People with Parkinson's Disease. <i>Movement Disorders</i> , 2015, 30, 1361-1370.	2.2	300
8	The response to levodopa in parkinson's disease: Imposing pharmacological law and order. <i>Annals of Neurology</i> , 1996, 39, 561-573.	2.8	296
9	Diagnosis and Initial Management of Parkinson's Disease. <i>New England Journal of Medicine</i> , 2005, 353, 1021-1027.	13.9	285
10	Freezing of gait: a practical approach to management. <i>Lancet Neurology</i> , The, 2015, 14, 768-778.	4.9	276
11	Knee trembling during freezing of gait represents multiple anticipatory postural adjustments. <i>Experimental Neurology</i> , 2009, 215, 334-341.	2.0	217
12	Increased risk of Parkinson's disease in parents and siblings of patients. <i>Annals of Neurology</i> , 1994, 36, 659-661.	2.8	214
13	Exacerbated physical fatigue and mental fatigue in Parkinson's disease. <i>Movement Disorders</i> , 2001, 16, 190-196.	2.2	211
14	Framework for understanding balance dysfunction in Parkinson's disease. <i>Movement Disorders</i> , 2013, 28, 1474-1482.	2.2	172
15	Functional Reorganization of the Locomotor Network in Parkinson Patients with Freezing of Gait. <i>PLoS ONE</i> , 2014, 9, e100291.	1.1	164
16	On-off phenomenon: Relation to levodopa pharmacokinetics and pharmacodynamics. <i>Annals of Neurology</i> , 1987, 22, 535-540.	2.8	161
17	The effect of carbidopa on the pharmacokinetics of intravenously administered levodopa: The mechanism of action in the treatment of parkinsonism. <i>Annals of Neurology</i> , 1985, 18, 537-543.	2.8	144
18	Continuous monitoring of turning in Parkinson's disease: Rehabilitation potential. <i>NeuroRehabilitation</i> , 2015, 37, 3-10.	0.5	135

#	ARTICLE	IF	CITATIONS
19	Peripheral pharmacokinetics of apomorphine in humans. <i>Annals of Neurology</i> , 1989, 26, 232-238.	2.8	133
20	Measuring freezing of gait during daily-life: an open-source, wearable sensors approach. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 1.	2.4	131
21	Verbal Fluency Task Affects Gait in Parkinson's Disease with Motor Freezing. <i>Journal of Geriatric Psychiatry and Neurology</i> , 1998, 11, 181-185.	1.2	129
22	Effects of a NR2B selective NMDA glutamate antagonist, CPâ€101,606, on dyskinesia and parkinsonism. <i>Movement Disorders</i> , 2008, 23, 1860-1866.	2.2	126
23	Pharmacokinetics and pharmacodynamics of levodopa. <i>Movement Disorders</i> , 2008, 23, S580-S584.	2.2	121
24	Pharmacological treatment in Parkinson's disease: Effects on gait. <i>Parkinsonism and Related Disorders</i> , 2016, 31, 3-13.	1.1	120
25	The dopamine transporter: Importance in Parkinson's disease. <i>Annals of Neurology</i> , 2004, 55, 766-773.	2.8	116
26	Duodenal and gastric delivery of levodopa in parkinsonism. <i>Annals of Neurology</i> , 1988, 23, 589-595.	2.8	111
27	Autosomal dominant episodic ataxia: A heterogeneous syndrome. <i>Movement Disorders</i> , 1986, 1, 239-253.	2.2	110
28	Evolution of the response to levodopa during the first 4 years of therapy. <i>Annals of Neurology</i> , 2002, 51, 686-693.	2.8	108
29	Dual task interference on postural sway, postural transitions and gait in people with Parkinsonâ€™s disease and freezing of gait. <i>Gait and Posture</i> , 2017, 56, 76-81.	0.6	104
30	The clinical significance of freezing while turning in Parkinsonâ€™s disease. <i>Neuroscience</i> , 2017, 343, 222-228.	1.1	101
31	Magnetic resonance imagingâ€guided phase 1 trial of putaminal <i>AADC</i> gene therapy for Parkinson's disease. <i>Annals of Neurology</i> , 2019, 85, 704-714.	2.8	101
32	Short- and long-duration responses to levodopa during the first year of levodopa therapy. <i>Annals of Neurology</i> , 1997, 42, 349-355.	2.8	99
33	Motor fluctuations during continuous levodopa infusions in patients with Parkinson's disease. <i>Movement Disorders</i> , 1997, 12, 285-292.	2.2	99
34	Apomorphine infusional therapy in parkinson's disease: Clinical utility and lack of tolerance. <i>Movement Disorders</i> , 1995, 10, 37-43.	2.2	97
35	Neurological disorders of gait, balance and posture: a sign-based approach. <i>Nature Reviews Neurology</i> , 2018, 14, 183-189.	4.9	88
36	Motor subtype in Parkinson's disease: Different disorders or different stages of disease?. <i>Movement Disorders</i> , 2016, 31, 957-961.	2.2	86

#	ARTICLE	IF	CITATIONS
37	Mood and anxiety fluctuation in Parkinson's disease associated with levodopa infusion: Preliminary findings. <i>Movement Disorders</i> , 1995, 10, 329-332.	2.2	84
38	Inhibition, Executive Function, and Freezing of Gait. <i>Journal of Parkinson's Disease</i> , 2014, 4, 111-122.	1.5	79
39	Balance and Gait Represent Independent Domains of Mobility in Parkinson Disease. <i>Physical Therapy</i> , 2016, 96, 1364-1371.	1.1	77
40	Milestones in gait, balance, and falling. <i>Movement Disorders</i> , 2011, 26, 1166-1174.	2.2	75
41	Absorption of apomorphine by various routes in parkinsonism. <i>Movement Disorders</i> , 1991, 6, 212-216.	2.2	71
42	Determinants of tapping speed in normal control subjects and subjects with Parkinson's disease: Differing effects of brief and continued practice. <i>Movement Disorders</i> , 2000, 15, 843-849.	2.2	70
43	Dual-task interference and brain structural connectivity in people with Parkinson's disease who freeze. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 786-792.	0.9	70
44	Higher-level gait disorders: An open frontier. <i>Movement Disorders</i> , 2013, 28, 1560-1565.	2.2	69
45	Preparation for Compensatory Forward Stepping in Parkinson's Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1332-1338.	0.5	63
46	Preferences of Patients With Parkinson's Disease for Communication About Advanced Care Planning. <i>American Journal of Hospice and Palliative Medicine</i> , 2015, 32, 68-77.	0.8	62
47	Objective Gait and Balance Impairments Relate to Balance Confidence and Perceived Mobility in People With Parkinson Disease. <i>Physical Therapy</i> , 2016, 96, 1734-1743.	1.1	55
48	Modulation of the age at onset of Parkinson's disease by apolipoprotein E genotypes. <i>Annals of Neurology</i> , 1997, 42, 655-658.	2.8	52
49	Assessment of the ability of open- and closed-loop cueing to improve turning and freezing in people with Parkinson's disease. <i>Scientific Reports</i> , 2018, 8, 12773.	1.6	52
50	Quantifying effects of age on balance and gait with inertial sensors in community-dwelling healthy adults. <i>Experimental Gerontology</i> , 2016, 85, 48-58.	1.2	51
51	Cognitive and Motor Function in Long-Duration <i>PARKIN</i> -Associated Parkinson Disease. <i>JAMA Neurology</i> , 2014, 71, 62.	4.5	49
52	Overview of the cholinergic contribution to gait, balance and falls in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 20-30.	1.1	49
53	Levodopa Reduces Muscle Tone and Lower Extremity Tremor in Parkinson's Disease. <i>Canadian Journal of Neurological Sciences</i> , 1995, 22, 280-285.	0.3	48
54	Dyskinesia and the antiparkinsonian response always temporally coincide. <i>Neurology</i> , 2010, 74, 1191-1197.	1.5	47

#	ARTICLE	IF	CITATIONS
55	Quantity and quality of gait and turning in people with multiple sclerosis, Parkinson's disease and matched controls during daily living. <i>Journal of Neurology</i> , 2020, 267, 1188-1196.	1.8	47
56	Comorbidity and Functional Mobility in Persons with Parkinson Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 2152-2157.	0.5	45
57	How to Select Balance Measures Sensitive to Parkinson's Disease from Body-Worn Inertial Sensors "Separating the Trees from the Forest. <i>Sensors</i> , 2019, 19, 3320.	2.1	44
58	Quantifying freezing of gait in Parkinson's disease during the instrumented timed up and go test. , 2012, 2012, 1198-201.		41
59	Digital Biomarkers of Mobility in Parkinson's Disease During Daily Living. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1099-1111.	1.5	40
60	Time course of tolerance to apomorphine in parkinsonism. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 52, 504-510.	2.3	39
61	Laboratory versus daily life gait characteristics in patients with multiple sclerosis, Parkinson's disease, and matched controls. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 159.	2.4	38
62	Effects of Methylphenidate on Response to Oral Levodopa. <i>Archives of Neurology</i> , 2007, 64, 319.	4.9	35
63	Dual tasking during postural stepping responses increases falls but not freezing in people with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 779-781.	1.1	31
64	Does tolerance develop to levodopa? Comparison of 2-and 21-h levodopa infusions. <i>Movement Disorders</i> , 1993, 8, 139-143.	2.2	30
65	Blepharospasm and oromandibular dystonia (Meige's syndrome) in sisters. <i>Annals of Neurology</i> , 1981, 9, 189-191.	2.8	29
66	Associations between mobility, cognition and callosal integrity in people with parkinsonism. <i>NeuroImage: Clinical</i> , 2016, 11, 415-422.	1.4	27
67	Gait Stability Has Phase-Dependent Dual-Task Costs in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 373.	1.1	26
68	Life-sustaining treatment orders, location of death and co-morbid conditions in decedents with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1205-1209.	1.1	25
69	Recovery from Multiple APAs Delays Gait Initiation in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 60.	1.0	25
70	Effects of the agility boot camp with cognitive challenge (ABC-C) exercise program for Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2020, 6, 31.	2.5	25
71	Prefrontal Cortex Activity and Gait in Parkinson's Disease With Cholinergic and Dopaminergic Therapy. <i>Movement Disorders</i> , 2020, 35, 2019-2027.	2.2	25
72	Effect of augmenting cholinergic function on gait and balance. <i>BMC Neurology</i> , 2015, 15, 264.	0.8	23

#	ARTICLE	IF	CITATIONS
73	Effect of Bout Length on Gait Measures in People with and without Parkinson's Disease during Daily Life. <i>Sensors</i> , 2020, 20, 5769.	2.1	23
74	Aromatic L-Amino Acid Decarboxylase Gene Therapy Enhances Levodopa Response in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 851-858.	2.2	23
75	Investigation of Anticipatory Postural Adjustments during One-Leg Stance Using Inertial Sensors: Evidence from Subjects with Parkinsonism. <i>Frontiers in Neurology</i> , 2017, 8, 361.	1.1	22
76	The short-duration response to apomorphine: Implications for the mechanism of dopaminergic effects in parkinsonism. <i>Annals of Neurology</i> , 1990, 27, 660-665.	2.8	21
77	Long-term L-DOPA therapy: challenges to our understanding and for the care of people with Parkinson's disease. <i>Experimental Neurology</i> , 2003, 184, 9-13.	2.0	19
78	Impaired perception of surface tilt in progressive supranuclear palsy. <i>PLoS ONE</i> , 2017, 12, e0173351.	1.1	19
79	Responsiveness of Objective vs. Clinical Balance Domain Outcomes for Exercise Intervention in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 940.	1.1	19
80	L-Dopa pharmacokinetics in plasma and cisternal and lumbar cerebrospinal fluid of monkeys. <i>Annals of Neurology</i> , 1990, 27, 495-499.	2.8	18
81	Effects of augmenting cholinergic neurotransmission on balance in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 69, 40-47.	1.1	18
82	Letters to the editor. <i>Movement Disorders</i> , 1990, 5, 178-183.	2.2	16
83	Discussion of Research Priorities for Gait Disorders in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 253-263.	2.2	16
84	Lateralized Connectivity between Globus Pallidus and Motor Cortex is Associated with Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2020, 443, 44-58.	1.1	14
85	Dual-Task Costs of Quantitative Gait Parameters While Walking and Turning in People with Parkinson's Disease: Beyond Gait Speed. <i>Journal of Parkinson's Disease</i> , 2021, 11, 653-664.	1.5	13
86	Cortical thickness as predictor of response to exercise in people with Parkinson's disease. <i>Human Brain Mapping</i> , 2021, 42, 139-153.	1.9	11
87	Apraxia of gait- or apraxia of postural transitions?. <i>Parkinsonism and Related Disorders</i> , 2018, 50, 19-22.	1.1	10
88	Addressing the Challenges of Clinical Research for Freezing of Gait in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 264-267.	2.2	10
89	Stepping up to meet the challenge of freezing of gait in Parkinson's disease. <i>Translational Neurodegeneration</i> , 2022, 11, 23.	3.6	10
90	Functional limits of stability and standing balance in people with Parkinson's disease with and without freezing of gait using wearable sensors. <i>Gait and Posture</i> , 2021, 87, 123-129.	0.6	9

#	ARTICLE	IF	CITATIONS
91	Changes in prefrontal cortical activity and turning in response to dopaminergic and cholinergic therapy in Parkinson's disease: A randomized cross-over trial. Parkinsonism and Related Disorders, 2021, 86, 10-14.	1.1	8
92	Non-Dopaminergic Therapies. Journal of Parkinson's Disease, 2018, 8, S73-S78.	1.5	7
93	Relationship Between Brain Volumes and Objective Balance and Gait Measures in Parkinson's Disease. Journal of Parkinson's Disease, 2022, 12, 283-294.	1.5	5
94	Gait and balance disorders. , 2002, , 581-592.		3
95	Reply: Does dominant pedunclopontine nucleus exist?. Brain, 2015, 138, e324-e324.	3.7	2
96	Relating Response Inhibition, Brain Connectivity, and Freezing of Gait in People with Parkinson's Disease. Journal of the International Neuropsychological Society, 2021, 27, 733-743.	1.2	1
97	Parkinson's Disease: Evaluation and Therapeutic Strategy. Hospital Practice (1995), 1987, 22, 107-136.	0.5	0
98	Reply: Continuous stimulation: Is it the answer to the motor complications of levodopa. Movement Disorders, 2008, 23, 1063-1063.	2.2	0
99	Reply: Does dominant pedunclopontine nucleus exist? Probably not. Brain, 2015, 138, e347-e347.	3.7	0
100	Turning Back the Clock in Parkinson's Disease: Practical Recommendations for Managing Diurnal Symptom Worsening. Journal of Parkinson's Disease, 2021, 11, 1471-1473.	1.5	0
101	Reply to: "Letter on Discussion of Gait Research". Movement Disorders, 2022, 37, 1328-1328.	2.2	0