Anat Mirelman

List of Publications by Year
in descending order

161	9,521	36303	45317
papers	citations	51 h-index	90 g-index

163	163	163	9324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glucocerebrosidase Activity is not Associated with Parkinson's Disease Risk or Severity. Movement Disorders, 2022, 37, 190-195.	3.9	19
2	Does Time of Day influence postural control and gait? A review of the literature. Gait and Posture, 2022, 92, 153-166.	1.4	10
3	Frailty and Falls in People Living With Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2022, 103, 952-957.	0.9	6
4	Event-related oscillations differentiate between cognitive, motor and visual impairments. Journal of Neurology, 2022, 269, 3529-3540.	3.6	7
5	Glucocerebrosidase Activity Is Not Associated with Parkinson's Disease Risk or Severity. Movement Disorders, 2022, 37, 651-652.	3.9	4
6	Limited Ability to Adjust N2 Amplitude During Dual Task Walking in People With Drug-Resistant Juvenile Myoclonic Epilepsy. Frontiers in Neurology, 2022, 13, 793212.	2.4	2
7	Aberrant dopamine transporter and functional connectivity patterns in LRRK2 and GBA mutation carriers. Npj Parkinson's Disease, 2022, 8, 20.	5.3	5
8	Transcranial Direct Current Stimulation May Reduce Prefrontal Recruitment During Dual Task Walking in Functionally Limited Older Adults â€“ A Pilot Study. Frontiers in Aging Neuroscience, 2022, 14, 843122.	3.4	1
9	Neural Variability in the Prefrontal Cortex as a Reflection of Neural Flexibility and Stability in Patients With Parkinson Disease. Neurology, 2022, 98, .	1.1	12
10	Changes in the EEG spectral power during dual-task walking with aging and Parkinsonâ€™s disease: initial findings using Event-Related Spectral Perturbation analysis. Journal of Neurology, 2021, 268, 161-168.	3.6	19
11	Automatic Quantification of Tandem Walking Using a Wearable Device: New Insights Into Dynamic Balance and Mobility in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 101-107.	3.6	2
12	Dopaminergic therapy and prefrontal activation during walking in individuals with Parkinsonâ€™s disease: does the levodopa overdose hypothesis extend to gait?. Journal of Neurology, 2021, 268, 658-668.	3.6	15
13	Combining transcranial direct current stimulation with a motor-cognitive task: the impact on dual-task walking costs in older adults. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 23.	4.6	24
14	Distinct cortical thickness patterns link disparate cerebral cortex regions to select mobility domains. Scientific Reports, 2021, 11, 6600.	3.3	11
15	Associations between visual hallucinations and impaired visuo-spatial abilities in dementia with Lewy bodies.. Neuropsychology, 2021, 35, 276-284.	1.3	3
16	PARK16 locus: Differential effects of the non-coding rs823114 on Parkinsonâ€™s disease risk, RNA expression, and DNA methylation. Journal of Genetics and Genomics, 2021, 48, 341-345.	3.9	4
17	The Effect of GBA Mutations and APOE Polymorphisms on Dementia with Lewy Bodies in Ashkenazi Jews. Journal of Alzheimer's Disease, 2021, 80, 1221-1229.	2.6	12
18	Association of Dual LRRK2 G2019S and GBA Variations With Parkinson Disease Progression. JAMA Network Open, 2021, 4, e215845.	5.9	38

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19	The GBA-370Rec Parkinson's disease risk haplotype harbors a potentially pathogenic variant in the mitochondrial gene SLC25A44. Molecular Genetics and Metabolism, 2021, 133, 109-112.	1.1	2
20	Tele-Rehabilitation with Virtual Reality. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 435-438.	1.4	20
21	Genomewide Association Studies of <scp>LRRK2</scp> Modifiers of Parkinson's Disease. Annals of Neurology, 2021, 90, 76-88.	5.3	30
22	Detecting Sensitive Mobility Features for Parkinson's Disease Stages Via Machine Learning. Movement Disorders, 2021, 36, 2144-2155.	3.9	40
23	The Home-Based Sleep Laboratory. Journal of Parkinson's Disease, 2021, 11, S71-S76.	2.8	4
24	Using Technology to Reshape Clinical Care and Research in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2021, 11, S1-S3.	2.8	3
25	A multimodal approach using TMS and EEG reveals neurophysiological changes in Parkinson's disease. Parkinsonism and Related Disorders, 2021, 89, 28-33.	2.2	6
26	Mutations in GBA and LRRK2 Are Not Associated with Increased Inflammatory Markers. Journal of Parkinson's Disease, 2021, 11, 1285-1296.	2.8	16
27	C9orf72-G4C2 Intermediate Repeats and Parkinsonâ€™s Disease; A Data-Driven Hypothesis. Genes, 2021, 12, 1210.	2.4	2
28	Whole brain and deep gray matter structure segmentation: Quantitative comparison between MPRAGE and MP2RAGE sequences. PLoS ONE, 2021, 16, e0254597.	2.5	7
29	Quantitative digital clock drawing test as a sensitive tool to detect subtle cognitive impairments in early stage Parkinson's disease. Parkinsonism and Related Disorders, 2021, 90, 84-89.	2.2	8
30	Impaired Inhibitory Control During Walking in Parkinsonâ€™s Disease Patients: An EEG Study. Journal of Parkinson's Disease, 2021, , 1-14.	2.8	3
31	Gait and cognitive abnormalities are associated with regional cerebellar atrophy in elderly fallers â€“ A pilot study. Gait and Posture, 2021, 90, 99-105.	1.4	5
32	Biochemical markers for severity and risk in GBA and LRRK2 Parkinsonâ€™s disease. Journal of Neurology, 2021, 268, 1517-1525.	3.6	4
33	Motorâ€“Cognitive Treadmill Training With Virtual Reality in Parkinsonâ€™s Disease: The Effect of Training Duration. Frontiers in Aging Neuroscience, 2021, 13, 753381.	3.4	9
34	A Multimodal Training Modulates Short Afferent Inhibition and Improves Complex Walking in a Cohort of Faller Older Adults With an Increased Prevalence of Parkinsonâ€™s Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 722-728.	3.6	19
35	Methods for Gait Analysis During Obstacle Avoidance Task. Annals of Biomedical Engineering, 2020, 48, 634-643.	2.5	6
36	Successful Negotiation of Anticipated and Unanticipated Obstacles in Young and Older Adults: Not All Is as Expected. Gerontology, 2020, 66, 187-196.	2.8	7

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37	What happens before the first step? A New Approach to Quantifying Gait Initiation Using a Wearable Sensor. Gait and Posture, 2020, 76, 128-135.	1.4	13
38	A consensus guide to using functional near-infrared spectroscopy in posture and gait research. Gait and Posture, 2020, 82, 254-265.	1.4	75
39	Distinct Effects of Motor Training on Resting-State Functional Networks of the Brain in Parkinsonâ€™s Disease. Neurorehabilitation and Neural Repair, 2020, 34, 795-803.	2.9	18
40	Metabolic syndrome does not influence the phenotype of LRRK2 and GBA related Parkinsonâ€™s disease. Scientific Reports, 2020, 10, 9329.	3.3	19
41	Differential changes in visual and auditory event-related oscillations in dementia with Lewy bodies. Clinical Neurophysiology, 2020, 131, 2357-2366.	1.5	9
42	Low cerebrospinal fluid volume and the risk for post-lumbar puncture headaches. Journal of the Neurological Sciences, 2020, 417, 117059.	0.6	3
43	Barriers and Motivators to Engage in Exercise for Persons with Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2020, 10, 1293-1299.	2.8	72
44	Sensor-Based and Patient-Based Assessment of Daily-Living Physical Activity in People with Parkinsonâ€™s Disease: Do Motor Subtypes Play a Role?. Sensors, 2020, 20, 7015.	3.8	10
45	Do Patients With Parkinsonâ€™s Disease With Freezing of Gait Respond Differently Than Those Without to Treadmill Training Augmented by Virtual Reality?. Neurorehabilitation and Neural Repair, 2020, 34, 440-449.	2.9	36
46	A wearable sensor identifies alterations in community ambulation in multiple sclerosis: contributors to real-world gait quality and physical activity. Journal of Neurology, 2020, 267, 1912-1921.	3.6	46
47	Differences in performance on English and Hebrew versions of the MoCA in Parkinson's patients. Clinical Parkinsonism & Related Disorders, 2020, 3, 100042.	0.9	4
48	Tossing and Turning in Bed: Nocturnal Movements in Parkinson's Disease. Movement Disorders, 2020, 35, 959-968.	3.9	34
49	Long-term unsupervised mobility assessment in movement disorders. Lancet Neurology, The, 2020, 19, 462-470.	10.2	181
50	Falls Risk in Relation to Activity Exposure in High-Risk Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1198-1205.	3.6	40
51	A Possible Modifying Effect of the G2019S Mutation in the LRRK2 Gene on GBA Parkinson's Disease. Movement Disorders, 2020, 35, 1249-1253.	3.9	27
52	Virtual Reality Training as an Intervention to Reduce Falls. , 2020, , 309-321.		10
53	The neural correlates of falls: Alterations in large-scale resting-state networks in elderly fallers. Gait and Posture, 2020, 80, 56-61.	1.4	13
54	Overlap, Commonality, Disparity, and Variability of Frontal Lobe Activation in Aging and Neurodegeneration. Innovation in Aging, 2020, 4, 792-792.	0.1	0

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55	Combining tDCS With a Motor-Cognitive Task to Reduce the Negative Impact of Dual-Tasking on the Gait of Older Adults. Innovation in Aging, 2020, 4, 287-288.	0.1	0
56	Higher-Level Cognitive Function and Obstacle Attributes: An fNIRS Study in Older Adults With Parkinsonâ€™s Disease. Innovation in Aging, 2020, 4, 268-268.	0.1	0
57	Virtual reality training to enhance behavior and cognitive function among children with attention-deficit/hyperactivity disorder: brief report. Developmental Neurorehabilitation, 2019, 22, 431-436.	1.1	51
58	Altered reward-related neural responses in non-manifesting carriers of the Parkinson disease related LRRK2 mutation. Brain Imaging and Behavior, 2019, 13, 1009-1020.	2.1	20
59	Differential Associations Between Distinct Components of Cognitive Function and Mobility: Implications for Understanding Aging, Turning and Dual-Task Walking. Frontiers in Aging Neuroscience, 2019, 11, 166.	3.4	35
60	Cancer outcomes among Parkinson's disease patients with leucine rich repeat kinase 2 mutations, idiopathic Parkinson's disease patients, and nonaffected controls. Movement Disorders, 2019, 34, 1392-1398.	3.9	28
61	WEARABLES REVEAL A GAP BETWEEN GAIT PERFORMANCE IN THE LAB AND DURING 24/7 MONITORING IN OLDER ADULTS. Innovation in Aging, 2019, 3, S335-S335.	0.1	0
62	AUTOMATIC QUANTIFICATION OF TANDEM WALKING USING A WEARABLE DEVICE: VALIDITY OF THE INSTRUMENTED TANDEM WALK. Innovation in Aging, 2019, 3, S335-S335.	0.1	1
63	Revisiting the non-Gaucher-GBA-E326K carrier state: Is it sufficient to increase Parkinson's disease risk?. Molecular Genetics and Metabolism, 2019, 128, 470-475.	1.1	25
64	Associations between daily-living physical activity and laboratory-based assessments of motor severity in patients with falls and Parkinson's disease. Parkinsonism and Related Disorders, 2019, 62, 85-90.	2.2	70
65	Hierarchical Data-Driven Analysis of Clinical Symptoms Among Patients With Parkinson's Disease. Frontiers in Neurology, 2019, 10, 531.	2.4	13
66	Using wearables to assess bradykinesia and rigidity in patients with Parkinsonâ€™s disease: a focused, narrative review of the literature. Journal of Neural Transmission, 2019, 126, 699-710.	2.8	37
67	Is every-day walking in older adults more analogous to dual-task walking or to usual walking? Elucidating the gaps between gait performance in the lab and during 24/7 monitoring. European Review of Aging and Physical Activity, 2019, 16, 6.	2.9	151
68	Gait impairments in Parkinson's disease. Lancet Neurology, The, 2019, 18, 697-708.	10.2	374
69	Network abnormalities among nonâ€manifesting Parkinson disease related LRRK2 mutation carriers. Human Brain Mapping, 2019, 40, 2546-2555.	3.6	16
70	Altered organization of the dorsal attention network is associated with freezing of gait in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 63, 77-82.	2.2	49
71	Changes in event-related potentials during dual task walking in aging and Parkinson's disease. Clinical Neurophysiology, 2019, 130, 224-230.	1.5	28
72	Evidence for increased completed suicide in first-degree relatives of LRRK2 G2019S mutation Parkinsonâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 843-844.	1.9	0

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73	The transition between turning and sitting in patients with Parkinson's disease: A wearable device detects an unexpected sequence of events. Gait and Posture, 2019, 67, 224-229.	1.4	25
74	Analysis of Free-Living Gait in Older Adults With and Without Parkinsonâ€™s Disease and With and Without a History of Falls: Identifying Generic and Disease-Specific Characteristics. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 500-506.	3.6	132
75	Prefrontal cortex activation during obstacle negotiation: Whatâ€™s the effect size and timing?. Brain and Cognition, 2018, 122, 45-51.	1.8	27
76	Application of the Movement Disorder Society prodromal criteria in healthy G2019Sâ€LRRK2 carriers. Movement Disorders, 2018, 33, 966-973.	3.9	44
77	Everyday Stepping Quantity and Quality Among Older Adult Fallers With and Without Mild Cognitive Impairment: Initial Evidence for New Motor Markers of Cognitive Deficits?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1078-1082.	3.6	39
78	Progression in the LRRK2-Associated Parkinson Disease Population. JAMA Neurology, 2018, 75, 312.	9.0	109
79	Treadmill walking reduces pre-frontal activation in patients with Parkinsonâ€™s disease. Gait and Posture, 2018, 62, 384-387.	1.4	44
80	Evidence for Differential Effects of 2 Forms of Exercise on Prefrontal Plasticity During Walking in Parkinsonâ€™s Disease. Neurorehabilitation and Neural Repair, 2018, 32, 200-208.	2.9	48
81	Gait. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 159, 119-134.	1.8	56
82	Survival rates among Parkinson's disease patients who carry mutations in the LRRK2 and GBA genes. Movement Disorders, 2018, 33, 1656-1660.	3.9	14
83	Cognitive Involvement in Balance, Gait and Dual-Tasking in Aging: A Focused Review From a Neuroscience of Aging Perspective. Frontiers in Neurology, 2018, 9, 913.	2.4	151
84	FDG PET Parkinsonâ€™s disease-related pattern as a biomarker for clinical trials in early stage disease. NeuroImage: Clinical, 2018, 20, 572-579.	2.7	60
85	Parkinson's disease phenotype is influenced by the severity of the mutations in the GBA gene. Parkinsonism and Related Disorders, 2018, 55, 45-49.	2.2	90
86	Does culture affect usability? A trans-European usability and user experience assessment of a falls-risk connected health system following a user-centred design methodology carried out in a single European country. Maturitas, 2018, 114, 22-26.	2.4	14
87	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinsonâ€™s Disease and Their First-Degree Unaffected Relatives. Brain Topography, 2018, 31, 1029-1036.	1.8	23
88	Estimation of spatio-temporal parameters of gait from magneto-inertial measurement units: multicenter validation among Parkinson, mildly cognitively impaired and healthy older adults. BioMedical Engineering OnLine, 2018, 17, 58.	2.7	56
89	SPARC: a new approach to quantifying gait smoothness in patients with Parkinsonâ€™s disease. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 49.	4.6	59
90	Subthalamic Neurons Encode Both Single- and Multi-Limb Movements in Parkinsonâ€™s Disease Patients. Scientific Reports, 2017, 7, 42467.	3.3	10

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91	Vertical ground reaction force during standing and walking: Are they related to bone mineral density left-right asymmetries?. Gait and Posture, 2017, 54, 174-177.	1.4	7
92	Effects of aging on prefrontal brain activation during challenging walking conditions. Brain and Cognition, 2017, 115, 41-46.	1.8	156
93	When is Higher Level Cognitive Control Needed for Locomotor Tasks Among Patients with Parkinsonâ€™s Disease?. Brain Topography, 2017, 30, 531-538.	1.8	59
94	The role of the prefrontal cortex in freezing of gait in Parkinsonâ€™s disease: insights from a deep repetitive transcranial magnetic stimulation exploratory study. Experimental Brain Research, 2017, 235, 2463-2472.	1.5	57
95	Impaired dual tasking in Parkinsonâ€™s disease is associated with reduced focusing of cortico-striatal activity. Brain, 2017, 140, 1384-1398.	7.6	72
96	A â€œdoseâ€•effect of mutations in the GBA gene on Parkinson's disease phenotype. Parkinsonism and Related Disorders, 2017, 36, 47-51.	2.2	78
97	Disparate effects of training on brain activation in Parkinson disease. Neurology, 2017, 89, 1804-1810.	1.1	60
98	Fall-Prone Older People's Attitudes towards the Use of Virtual Reality Technology for Fall Prevention. Gerontology, 2017, 63, 590-598.	2.8	28
99	Penetrance estimate of LRRK2 p.G2019S mutation in individuals of nonâ€Ashkenazi Jewish ancestry. Movement Disorders, 2017, 32, 1432-1438.	3.9	126
100	An innovative training program based on virtual reality and treadmill: effects on gait of persons with multiple sclerosis. Disability and Rehabilitation, 2017, 39, 1557-1563.	1.8	60
101	Intervention modalities for targeting cognitive-motor interference in individuals with neurodegenerative disease: a systematic review. Expert Review of Neurotherapeutics, 2017, 17, 251-261.	2.8	61
102	A cognitive fMRI study in non-manifesting LRRK2 and GBA carriers. Brain Structure and Function, 2017, 222, 1207-1218.	2.3	22
103	DaT-SPECT assessment depicts dopamine depletion among asymptomatic G2019S LRRK2 mutation carriers. PLoS ONE, 2017, 12, e0175424.	2.5	27
104	Real-Time Constant Monitoring of Fall Risk Index by Means of Fully-Wireless Insoles. Studies in Health Technology and Informatics, 2017, 237, 193-197.	0.3	1
105	Attentional Control of Gait and Falls: Is Cholinergic Dysfunction a Common Substrate in the Elderly and Parkinsonâ€™s Disease?. Frontiers in Aging Neuroscience, 2016, 8, 104.	3.4	58
106	A Personalized Approach to Parkinsonâ€™s Disease Patients Based on Founder Mutation Analysis. Frontiers in Neurology, 2016, 7, 71.	2.4	21
107	Virtual reality for rehabilitation in Parkinson's disease. The Cochrane Library, 2016, 2016, CD010760.	2.8	162
108	Objective characterization of daily living transitions in patients with Parkinsonâ€™s disease using a single body-fixed sensor. Journal of Neurology, 2016, 263, 1544-1551.	3.6	32

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109	SEPT14 Is Associated with a Reduced Risk for Parkinsonâ€™s Disease and Expressed in Human Brain. Journal of Molecular Neuroscience, 2016, 59, 343-350.	2.3	13
110	High Frequency of GBA Gene Mutations in Dementia With Lewy Bodies Among Ashkenazi Jews. JAMA Neurology, 2016, 73, 1448.	9.0	48
111	Addition of a non-immersive virtual reality component to treadmill training to reduce fall risk in older adults (V-TIME): a randomised controlled trial. Lancet, The, 2016, 388, 1170-1182.	13.7	328
112	Transition Between the Timed up and Go Turn to Sit Subtasks: Is Timing Everything?. Journal of the American Medical Directors Association, 2016, 17, 864.e9-864.e15.	2.5	27
113	Arm swing as a potential new prodromal marker of Parkinson's disease. Movement Disorders, 2016, 31, 1527-1534.	3.9	136
114	Measuring prefrontal cortical activity during dual task walking in patients with Parkinsonâ€™s disease: feasibility of using a new portable fNIRS device. Pilot and Feasibility Studies, 2016, 2, 59.	1.2	63
115	The Role of the Frontal Lobe in Complex Walking Among Patients With Parkinsonâ€™s Disease and Healthy Older Adults. Neurorehabilitation and Neural Repair, 2016, 30, 963-971.	2.9	208
116	Alterations in conflict monitoring are related to functional connectivity in Parkinson's disease. Cortex, 2016, 82, 277-286.	2.4	8
117	Feasibility and effects of home-based smartphone-delivered automated feedback training for gait in people with Parkinson's disease: A pilot randomized controlled trial. Parkinsonism and Related Disorders, 2016, 22, 28-34.	2.2	170
118	Intact working memory in nonâ€manifesting <scp>LRRK</scp>2 carriers â€“ an <scp>fMRI</scp> study. European Journal of Neuroscience, 2016, 43, 106-112.	2.6	16
119	Effects of a virtual reality and treadmill training on gait of subjects with multiple sclerosis: a pilot study. Multiple Sclerosis and Related Disorders, 2016, 5, 91-96.	2.0	60
120	Down-regulation of B cell-related genes in peripheral blood leukocytes of Parkinson's disease patients with and without GBA mutations. Molecular Genetics and Metabolism, 2016, 117, 179-185.	1.1	21
121	REM sleep behavior disorder, as assessed by questionnaire, in G2019S LRRK2 mutation PD and carriers. Movement Disorders, 2015, 30, 1834-1839.	3.9	40
122	Effects of Aging on Arm Swing during Gait: The Role of Gait Speed and Dual Tasking. PLoS ONE, 2015, 10, e0136043.	2.5	63
123	Higher Frequency of Certain Cancers inLRRK2G2019S Mutation Carriers With Parkinson Disease. JAMA Neurology, 2015, 72, 58.	9.0	76
124	Treadmill-virtual reality combined training program to improve gait in multiple sclerosis individuals. , 2015, , .		3
125	Neuropsychological performance in LRRK2 G2019S carriers with Parkinson's disease. Parkinsonism and Related Disorders, 2015, 21, 106-110.	2.2	58
126	Changes in oxygenated hemoglobin link freezing of gait to frontal activation in patients with Parkinson disease: an fNIRS study of transient motor-cognitive failures. Journal of Neurology, 2015, 262, 899-908.	3.6	107

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127	Age-specific penetrance of LRRK2 G2019S in the Michael J. Fox Ashkenazi Jewish LRRK2 Consortium. Neurology, 2015, 85, 89-95.	1.1	130
128	Differential effects of severe vs mild GBA mutations on Parkinson disease. Neurology, 2015, 84, 880-887.	1.1	277
129	Gait Measures as Predictors of Poststroke Cognitive Function. Stroke, 2015, 46, 1077-1083.	2.0	21
130	Genetic markers of Restless Legs Syndrome in Parkinson disease. Parkinsonism and Related Disorders, 2015, 21, 582-585.	2.2	20
131	Nonmotor symptoms in healthy Ashkenazi Jewish carriers of the G2019S mutation in the LRRK2 gene. Movement Disorders, 2015, 30, 981-986.	3.9	52
132	Fall risk is associated with amplified functional connectivity of the central executive network in patients with Parkinsonâ€™s disease. Journal of Neurology, 2015, 262, 2448-2456.	3.6	23
133	A Wearable Assistant for Gait Training for Parkinsonâ€™s Disease with Freezing of Gait in Out-of-the-Lab Environments. ACM Transactions on Interactive Intelligent Systems, 2015, 5, 1-31.	3.7	44
134	Reorganization of corticostriatal circuits in healthy G2019S LRRK2 carriers. Neurology, 2015, 84, 399-406.	1.1	66
135	Prediction of Freezing of Gait in Parkinson's From Physiological Wearables: An Exploratory Study. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1843-1854.	6.3	101
136	Body-Fixed Sensors for Parkinson Disease. JAMA - Journal of the American Medical Association, 2015, 314, 873.	7.4	24
137	Associations between Quantitative Mobility Measures Derived from Components of Conventional Mobility Testing and Parkinsonian Gait in Older Adults. PLoS ONE, 2014, 9, e86262.	2.5	36
138	Can Cognitive Remediation Improve Mobility in Patients with Parkinson's Disease? Findings from a 12 week Pilot Study. Journal of Parkinson's Disease, 2014, 4, 37-44.	2.8	35
139	Michael J. Fox Foundation LRRK2 Consortium: geographical differences in returning genetic research data to study participants. Genetics in Medicine, 2014, 16, 644-645.	2.4	7
140	Olfactory identification in <scp>LRRK</scp> 2 G2019S mutation carriers: a relevant marker?. Annals of Clinical and Translational Neurology, 2014, 1, 670-678.	3.7	43
141	Association Between Performance on Timed Up and Go Subtasks and Mild Cognitive Impairment: Further Insights into the Links Between Cognitive and Motor Function. Journal of the American Geriatrics Society, 2014, 62, 673-678.	2.6	116
142	Clinical Experience Using a 5-Week Treadmill Training Program With Virtual Reality to Enhance Gait in an Ambulatory Physical Therapy Service. Physical Therapy, 2014, 94, 1319-1326.	2.4	38
143	The Contribution of Proprioceptive Information to Postural Control in Elderly and Patients with ParkinsonÃ¢â‚¬â„¢s Disease with a History of Falls. Frontiers in Human Neuroscience, 2014, 8, 939.	2.0	27
144	Genome-wide mapping of IBD segments in an Ashkenazi PD cohort identifies associated haplotypes. Human Molecular Genetics, 2014, 23, 4693-4702.	2.9	49

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145	Increased frontal brain activation during walking while dual tasking: an fNIRS study in healthy young adults. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 85.	4.6	190
146	V-TIME: a treadmill training program augmented by virtual reality to decrease fall risk in older adults: study design of a randomized controlled trial. BMC Neurology, 2013, 13, 15.	1.8	130
147	Fall risk and gait in Parkinson's disease: The role of the LRRK2 G2019S mutation. Movement Disorders, 2013, 28, 1683-1690.	3.9	82
148	Parkinson disease phenotype in Ashkenazi jews with and without LRRK2 G2019S mutations. Movement Disorders, 2013, 28, 1966-1971.	3.9	131
149	Neural correlates of executive functions in healthy G2019S LRRK2 mutation carriers. Cortex, 2013, 49, 2501-2511.	2.4	42
150	Virtual reality and motor imagery: Promising tools for assessment and therapy in Parkinson's disease. Movement Disorders, 2013, 28, 1597-1608.	3.9	111
151	Executive Function and Falls in Older Adults: New Findings from a Five-Year Prospective Study Link Fall Risk to Cognition. PLoS ONE, 2012, 7, e40297.	2.5	347
152	Virtual Reality for Gait Training: Can It Induce Motor Learning to Enhance Complex Walking and Reduce Fall Risk in Patients With Parkinson's Disease?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 234-240.	3.6	300
153	Audio-Biofeedback training for posture and balance in Patients with Parkinson's disease. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 35.	4.6	79
154	Gait alterations in healthy carriers of the LRRK2 G2019S mutation. Annals of Neurology, 2011, 69, 193-197.	5.3	140
155	The interplay between gait, falls and cognition: can cognitive therapy reduce fall risk?. Expert Review of Neurotherapeutics, 2011, 11, 1057-1075.	2.8	230
156	Heart rate changes during freezing of gait in patients with Parkinson's disease. Movement Disorders, 2010, 25, 2346-2354.	3.9	45
157	How Does Explicit Prioritization Alter Walking During Dual-Task Performance? Effects of Age and Sex on Gait Speed and Variability. Physical Therapy, 2010, 90, 177-186.	2.4	250
158	Executive Control Deficits as a Prodrome to Falls in Healthy Older Adults: A Prospective Study Linking Thinking, Walking, and Falling. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 1086-1092.	3.6	374
159	Effects of virtual reality training on gait biomechanics of individuals post-stroke. Gait and Posture, 2010, 31, 433-437.	1.4	165
160	When does walking alter thinking? Age and task associated findings. Brain Research, 2009, 1253, 92-99.	2.2	109
161	Effects of Training With a Robot-Virtual Reality System Compared With a Robot Alone on the Gait of Individuals After Stroke. Stroke, 2009, 40, 169-174.	2.0	260