

Inbal Maidan

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,038
citations

304368

22
h-index

329751

37
g-index

41
all docs

41
docs citations

41
times ranked

2363
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-related oscillations differentiate between cognitive, motor and visual impairments. <i>Journal of Neurology</i> , 2022, 269, 3529-3540.	1.8	7
2	Limited Ability to Adjust N2 Amplitude During Dual Task Walking in People With Drug-Resistant Juvenile Myoclonic Epilepsy. <i>Frontiers in Neurology</i> , 2022, 13, 793212.	1.1	2
3	Neural Variability in the Prefrontal Cortex as a Reflection of Neural Flexibility and Stability in Patients With Parkinson Disease. <i>Neurology</i> , 2022, 98, .	1.5	12
4	Changes in the EEG spectral power during dual-task walking with aging and Parkinson's disease: initial findings using Event-Related Spectral Perturbation analysis. <i>Journal of Neurology</i> , 2021, 268, 161-168.	1.8	19
5	Dopaminergic therapy and prefrontal activation during walking in individuals with Parkinson's disease: does the levodopa overdose hypothesis extend to gait?. <i>Journal of Neurology</i> , 2021, 268, 658-668.	1.8	15
6	Distinct cortical thickness patterns link disparate cerebral cortex regions to select mobility domains. <i>Scientific Reports</i> , 2021, 11, 6600.	1.6	11
7	A multimodal approach using TMS and EEG reveals neurophysiological changes in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2021, 89, 28-33.	1.1	6
8	Impaired Inhibitory Control During Walking in Parkinson's Disease Patients: An EEG Study. <i>Journal of Parkinson's Disease</i> , 2021, , 1-14.	1.5	3
9	Gait and cognitive abnormalities are associated with regional cerebellar atrophy in elderly fallers – A pilot study. <i>Gait and Posture</i> , 2021, 90, 99-105.	0.6	5
10	Methods for Gait Analysis During Obstacle Avoidance Task. <i>Annals of Biomedical Engineering</i> , 2020, 48, 634-643.	1.3	6
11	Successful Negotiation of Anticipated and Unanticipated Obstacles in Young and Older Adults: Not All Is as Expected. <i>Gerontology</i> , 2020, 66, 187-196.	1.4	7
12	A consensus guide to using functional near-infrared spectroscopy in posture and gait research. <i>Gait and Posture</i> , 2020, 82, 254-265.	0.6	75
13	Distinct Effects of Motor Training on Resting-State Functional Networks of the Brain in Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 795-803.	1.4	18
14	Differential changes in visual and auditory event-related oscillations in dementia with Lewy bodies. <i>Clinical Neurophysiology</i> , 2020, 131, 2357-2366.	0.7	9
15	Tossing and Turning in Bed: Nocturnal Movements in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 959-968.	2.2	34
16	The neural correlates of falls: Alterations in large-scale resting-state networks in elderly fallers. <i>Gait and Posture</i> , 2020, 80, 56-61.	0.6	13
17	Overlap, Commonality, Disparity, and Variability of Frontal Lobe Activation in Aging and Neurodegeneration. <i>Innovation in Aging</i> , 2020, 4, 792-792.	0.0	0
18	Higher-Level Cognitive Function and Obstacle Attributes: An fNIRS Study in Older Adults With Parkinson's Disease. <i>Innovation in Aging</i> , 2020, 4, 268-268.	0.0	0

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19	Differential Associations Between Distinct Components of Cognitive Function and Mobility: Implications for Understanding Aging, Turning and Dual-Task Walking. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 166.	1.7	35
20	Reply to "Current source density approaches improve spatial resolution in event related potential analysis in people with Parkinson's disease". <i>Clinical Neurophysiology</i> , 2019, 130, 2000.	0.7	0
21	Altered organization of the dorsal attention network is associated with freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 77-82.	1.1	49
22	Changes in event-related potentials during dual task walking in aging and Parkinson's disease. <i>Clinical Neurophysiology</i> , 2019, 130, 224-230.	0.7	28
23	Prefrontal cortex activation during obstacle negotiation: What's the effect size and timing?. <i>Brain and Cognition</i> , 2018, 122, 45-51.	0.8	27
24	Treadmill walking reduces pre-frontal activation in patients with Parkinson's disease. <i>Gait and Posture</i> , 2018, 62, 384-387.	0.6	44
25	Evidence for Differential Effects of 2 Forms of Exercise on Prefrontal Plasticity During Walking in Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 200-208.	1.4	48
26	Gait. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 159, 119-134.	1.0	56
27	Cognitive Involvement in Balance, Gait and Dual-Tasking in Aging: A Focused Review From a Neuroscience of Aging Perspective. <i>Frontiers in Neurology</i> , 2018, 9, 913.	1.1	151
28	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinson's Disease and Their First-Degree Unaffected Relatives. <i>Brain Topography</i> , 2018, 31, 1029-1036.	0.8	23
29	Effects of aging on prefrontal brain activation during challenging walking conditions. <i>Brain and Cognition</i> , 2017, 115, 41-46.	0.8	156
30	When is Higher Level Cognitive Control Needed for Locomotor Tasks Among Patients with Parkinson's Disease?. <i>Brain Topography</i> , 2017, 30, 531-538.	0.8	59
31	Impaired dual tasking in Parkinson's disease is associated with reduced focusing of cortico-striatal activity. <i>Brain</i> , 2017, 140, 1384-1398.	3.7	72
32	Disparate effects of training on brain activation in Parkinson disease. <i>Neurology</i> , 2017, 89, 1804-1810.	1.5	60
33	Addition of a non-immersive virtual reality component to treadmill training to reduce fall risk in older adults (V-TIME): a randomised controlled trial. <i>Lancet</i> , 2016, 388, 1170-1182.	6.3	328
34	Measuring prefrontal cortical activity during dual task walking in patients with Parkinson's disease: feasibility of using a new portable fNIRS device. <i>Pilot and Feasibility Studies</i> , 2016, 2, 59.	0.5	63
35	The Role of the Frontal Lobe in Complex Walking Among Patients With Parkinson's Disease and Healthy Older Adults. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 963-971.	1.4	208
36	Alterations in conflict monitoring are related to functional connectivity in Parkinson's disease. <i>Cortex</i> , 2016, 82, 277-286.	1.1	8

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37	Changes in oxygenated hemoglobin link freezing of gait to frontal activation in patients with Parkinson disease: an fNIRS study of transient motor-cognitive failures. <i>Journal of Neurology</i> , 2015, 262, 899-908.	1.8	107
38	Clinical Experience Using a 5-Week Treadmill Training Program With Virtual Reality to Enhance Gait in an Ambulatory Physical Therapy Service. <i>Physical Therapy</i> , 2014, 94, 1319-1326.	1.1	38
39	Increased frontal brain activation during walking while dual tasking: an fNIRS study in healthy young adults. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 85.	2.4	190
40	Heart rate changes during freezing of gait in patients with Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 2346-2354.	2.2	45