Inbal Maidan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1134761/publications.pdf

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40	2,038	304368	329751
papers	citations	22 h-index	37 g-index

41	41	41	2363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	6.3	328
2	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.	1.4	208
3	Increased frontal brain activation during walking while dual tasking: an fNIRS study in healthy young adults. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 85.	2.4	190
4	Effects of aging on prefrontal brain activation during challenging walking conditions. Brain and Cognition, 2017, 115, 41-46.	0.8	156
5	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.	1.1	151
6	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.	1.8	107
7	A consensus guide to using functional near-infrared spectroscopy in posture and gait research. Gait and Posture, 2020, 82, 254-265.	0.6	75
8	Impaired dual tasking in Parkinsonâ€™s disease is associated with reduced focusing of cortico-striatal activity. Brain, 2017, 140, 1384-1398.	3.7	72
9	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.	0.5	63
10	Disparate effects of training on brain activation in Parkinson disease. Neurology, 2017, 89, 1804-1810.	1.5	60
11	When is Higher Level Cognitive Control Needed for Locomotor Tasks Among Patients with Parkinsonâ€™s Disease?. Brain Topography, 2017, 30, 531-538.	0.8	59
12	Gait. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 159, 119-134.	1.0	56
13	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.	1.1	49
14	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.	1.4	48
15	Heart rate changes during freezing of gait in patients with Parkinson's disease. Movement Disorders, 2010, 25, 2346-2354.	2.2	45
16	Treadmill walking reduces pre-frontal activation in patients with Parkinsonâ€™s disease. Gait and Posture, 2018, 62, 384-387.	0.6	44
17	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.	1.1	38
18	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.	1.7	35

#	Article	IF	Citations
19	Tossing and Turning in Bed: Nocturnal Movements in Parkinson's Disease. Movement Disorders, 2020, 35, 959-968.	2.2	34
20	Changes in event-related potentials during dual task walking in aging and Parkinson's disease. Clinical Neurophysiology, 2019, 130, 224-230.	0.7	28
21	Prefrontal cortex activation during obstacle negotiation: Whatâ€™s the effect size and timing?. Brain and Cognition, 2018, 122, 45-51.	0.8	27
22	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinsonâ€™s Disease and Their First-Degree Unaffected Relatives. Brain Topography, 2018, 31, 1029-1036.	0.8	23
23	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.	1.8	19
24	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.	1.4	18
25	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.	1.8	15
26	The neural correlates of falls: Alterations in large-scale resting-state networks in elderly fallers. Gait and Posture, 2020, 80, 56-61.	0.6	13
27	Neural Variability in the Prefrontal Cortex as a Reflection of Neural Flexibility and Stability in Patients With Parkinson Disease. Neurology, 2022, 98, .	1.5	12
28	Distinct cortical thickness patterns link disparate cerebral cortex regions to select mobility domains. Scientific Reports, 2021, 11, 6600.	1.6	11
29	Differential changes in visual and auditory event-related oscillations in dementia with Lewy bodies. Clinical Neurophysiology, 2020, 131, 2357-2366.	0.7	9
30	Alterations in conflict monitoring are related to functional connectivity in Parkinson's disease. Cortex, 2016, 82, 277-286.	1.1	8
31	Successful Negotiation of Anticipated and Unanticipated Obstacles in Young and Older Adults: Not All Is as Expected. Gerontology, 2020, 66, 187-196.	1.4	7
32	Event-related oscillations differentiate between cognitive, motor and visual impairments. Journal of Neurology, 2022, 269, 3529-3540.	1.8	7
33	Methods for Gait Analysis During Obstacle Avoidance Task. Annals of Biomedical Engineering, 2020, 48, 634-643.	1.3	6
34	A multimodal approach using TMS and EEG reveals neurophysiological changes in Parkinson's disease. Parkinsonism and Related Disorders, 2021, 89, 28-33.	1.1	6
35	Gait and cognitive abnormalities are associated with regional cerebellar atrophy in elderly fallers â€“ A pilot study. Gait and Posture, 2021, 90, 99-105.	0.6	5
36	Impaired Inhibitory Control During Walking in Parkinsonâ€™s Disease Patients: An EEG Study. Journal of Parkinson's Disease, 2021, , 1-14.	1.5	3

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37	Limited Ability to Adjust N2 Amplitude During Dual Task Walking in People With Drug-Resistant Juvenile Myoclonic Epilepsy. Frontiers in Neurology, 2022, 13, 793212.	1.1	2
38	Reply to â€œCurrent source density approaches improve spatial resolution in event related potential analysis in people with Parkinsonâ€™s diseaseâ€. Clinical Neurophysiology, 2019, 130, 2000.	0.7	0
39	Overlap, Commonality, Disparity, and Variability of Frontal Lobe Activation in Aging and Neurodegeneration. Innovation in Aging, 2020, 4, 792-792.	0.0	0
40	Higher-Level Cognitive Function and Obstacle Attributes: An fNIRS Study in Older Adults With Parkinsonâ€™s Disease. Innovation in Aging, 2020, 4, 268-268.	0.0	0