

Validation of an Accelerometer to Quantify a Comprehensive Set of Activity Characteristics in Healthy Older Adults and Parkinson's Disease Patients: A Study of Home Use

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Body-worn sensors-the brave new world of clinical measurement?. Movement Disorders, 2015, 30, 1203-1205.	2.2	25
2	The Parkinsonian Gait Spatiotemporal Parameters Quantified by a Single Inertial Sensor before and after Automated Mechanical Peripheral Stimulation Treatment. Parkinson's Disease, 2015, 2015, 1-6.	0.6	33
3	Technology in Parkinson's disease: Challenges and opportunities. Movement Disorders, 2016, 31, 1272-1282.	2.2	464
4	Accelerometer-based gait assessment: Pragmatic deployment on an international scale. , 2016, , .		8
5	A Wearable Inertial Measurement System With Complementary Filter for Gait Analysis of Patients With Stroke or Parkinsonâ€™s Disease. IEEE Access, 2016, 4, 8442-8453.	2.6	88
6	Measuring gait with an accelerometer-based wearable: influence of device location, testing protocol and age. Physiological Measurement, 2016, 37, 1785-1797.	1.2	51
7	Free-living gait characteristics in ageing and Parkinsonâ€™s disease: impact of environment and ambulatory bout length. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 46.	2.4	228
8	Free-living monitoring of Parkinson's disease: Lessons from the field. Movement Disorders, 2016, 31, 1293-1313.	2.2	252
9	Beyond the front end: Investigating a thigh worn accelerometer device for step count and bout detection in Parkinson's disease. Medical Engineering and Physics, 2016, 38, 1524-1529.	0.8	13
10	A systematic review of the characteristics and validity of monitoring technologies to assess Parkinsonâ€™s disease. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 24.	2.4	155
11	Potential of APDM mobility lab for the monitoring of the progression of Parkinsonâ€™s disease. Expert Review of Medical Devices, 2016, 13, 455-462.	1.4	87
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17	Detecting free-living steps and walking bouts: validating an algorithm for macro gait analysis. Physiological Measurement, 2017, 38, N1-N15.	1.2	109
18	Is the Assessment of 5 Meters of Gait with a Single Body-Fixed-Sensor Enough to Recognize Idiopathic Parkinsonâ€™s Disease-Associated Gait?. Annals of Biomedical Engineering, 2017, 45, 1266-1278.	1.3	23

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19	Move the Neighbourhood: Study design of a community-based participatory public open space intervention in a Danish deprived neighbourhood to promote active living. BMC Public Health, 2017, 17, 481.	1.2	21
20	Auto detection and segmentation of daily living activities during a Timed Up and Go task in people with Parkinson's disease using multiple inertial sensors. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 26.	2.4	44
21	A model of free-living gait: A factor analysis in Parkinson's disease. Gait and Posture, 2017, 52, 68-71.	0.6	63
22	Gait analysis based on an inertial measurement unit sensor: Validation of spatiotemporal parameters calculation in healthy young and older adults. , 2017, , .		1
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