

Maria do Carmo Vilas-Boas

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

161
citations

1478280

6
h-index

1372474

10
g-index

14
all docs

14
docs citations

14
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-body motion assessment: Concurrent validation of two body tracking depth sensors versus a gold standard system during gait. <i>Journal of Biomechanics</i> , 2019, 87, 189-196.	0.9	40
2	System for automatic gait analysis based on a single RGB-D camera. <i>PLoS ONE</i> , 2018, 13, e0201728.	1.1	34
3	Movement Quantification in Neurological Diseases: Methods and Applications. <i>IEEE Reviews in Biomedical Engineering</i> , 2016, 9, 15-31.	13.1	31
4	Validation of a Single RGB-D Camera for Gait Assessment of Polyneuropathy Patients. <i>Sensors</i> , 2019, 19, 4929.	2.1	23
5	iHandU: A Novel Quantitative Wrist Rigidity Evaluation Device for Deep Brain Stimulation Surgery. <i>Sensors</i> , 2020, 20, 331.	2.1	8
6	Supporting the Assessment of Hereditary Transthyretin Amyloidosis Patients Based On 3-D Gait Analysis and Machine Learning. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1350-1362.	2.7	7
7	Clinical 3-D Gait Assessment of Patients With Polyneuropathy Associated With Hereditary Transthyretin Amyloidosis. <i>Frontiers in Neurology</i> , 2020, 11, 605282.	1.1	6
8	The first Transthyretin Familial Amyloid Polyneuropathy gait quantification study - preliminary results. , 2017, 2017, 1368-1371.		4
9	SnapKiâ€™ An Inertial Easy-to-Adapt Wearable Textile Device for Movement Quantification of Neurological Patients. <i>Sensors</i> , 2020, 20, 3875.	2.1	3
10	Gait Characterization and Analysis of Hereditary Amyloidosis Associated with Transthyretin Patients: A Case Series. <i>Journal of Clinical Medicine</i> , 2022, 11, 3967.	1.0	2
11	iHandU: Towards the Validation of a Wrist Rigidity Estimation for Intraoperative DBS Electrode Position Optimization. , 2019, , .		1
12	Automated and objective measures of gait dynamics in camptocormia Parkinsonâ€™s Disease subthalamic deep brain stimulation. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105537.	0.6	1
13	Video-EEG and PerceptTM PC Deep Brain Neurostimulator Fine-Grained Synchronization for Multimodal Neurodata Analysis. , 2021, , .		1
14	Subject Identification Based on Gait Using a RGB-D Camera. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 76-85.	0.5	0