

Antonio M LÃ³pez

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

635
citations

1040056

9
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time gait event detection for normal subjects from lower trunk accelerations. <i>Gait and Posture</i> , 2010, 31, 322-325.	1.4	247
2	Comparison of Step Length Estimators from Wearable Accelerometer Devices. , 2006, 2006, 5964-7.		103
3	Pedestrian Navigation Based on a Waist-Worn Inertial Sensor. <i>Sensors</i> , 2012, 12, 10536-10549.	3.8	73
4	Multisensor Approach to Walking Distance Estimation with Foot Inertial Sensing. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5720-3.	0.5	54
5	Upper limb joint angle measurement in occupational health. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 159-170.	1.6	35
6	Modified Pendulum Model for Mean Step Length Estimation. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1371-4.	0.5	32
7	Ambulatory estimation of mean step length during unconstrained walking by means of COG accelerometry. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2009, 12, 721-726.	1.6	17
8	Validity of Four Gait Models to Estimate Walked Distance from Vertical COG Acceleration. <i>Journal of Applied Biomechanics</i> , 2008, 24, 360-367.	0.8	13
9	Pedestrian dead reckoning with waist-worn inertial sensors. , 2012, , .		13
10	Measurement of centerline segregation in steel slabs. Conference Record - IAS Annual Meeting (IEEE Tj ETQq0 0 0 rBT /Overlock 10 Tf 0.0 10	0.0	10
11	Walking Turn Prediction from Upper Body Kinematics: A Systematic Review with Implications for Human-Robot Interaction. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 361.	2.5	10
12	Accelerometry-Based Distance Estimation for Ambulatory Human Motion Analysis. <i>Sensors</i> , 2018, 18, 4441.	3.8	8
13	Metrological Evaluation of Humanâ€Robot Collaborative Environments Based on Optical Motion Capture Systems. <i>Sensors</i> , 2021, 21, 3748.	3.8	6
14	Slope Estimation during Normal Walking Using a Shank-Mounted Inertial Sensor. <i>Sensors</i> , 2012, 12, 11910-11921.	3.8	5
15	Ambulatory human upper limb joint motion monitoring. , 2012, , .		4
16	Validity of four gait models to estimate walked distance from vertical COG acceleration. <i>Journal of Applied Biomechanics</i> , 2008, 24, 360-7.	0.8	4
17	Application of Self Organizing Maps to predict centerline segregation in steel slabs. Conference Record - IAS Annual Meeting (IEEE Industry Applications Society), 2006, , .	0.0	1
18	Evaluation of optical motion capture system performance in humanrobot collaborative cells. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Evaluation of filtering methods for the prediction of human position during walking by means of kinematical models. , 2021, , .		0
20	GESTIÓN EFICIENTE DE LOS CORTES DE ENERGÍA EN LA INDUSTRIA. GEISER. Dyna (Spain), 2010, 85, 644-651.	0.2	0
21	Protocol Proposal for the Mechanical Evaluation of a Soft Robotic Exoskeleton Using an Optical Motion Capture System. , 2022, , .		0