

Daniele Bibbo

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

597
citations

840728

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22
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43
all docs

43
docs citations

43
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of present method of glucose from human blood and body fluids assessment. Biosensors and Bioelectronics, 2022, 211, 114348.	10.1	22
2	Design and Development of a Novel Invasive Blood Pressure Simulator for Patient's Monitor Testing. Sensors, 2020, 20, 259.	3.8	5
3	A New Approach for Testing Fetal Heart Rate Monitors. Sensors, 2020, 20, 4139.	3.8	4
4	Progression of muscular co-activation and gait variability in children with Duchenne muscular dystrophy: A 2-year follow-up study. Clinical Biomechanics, 2020, 78, 105101.	1.2	6
5	A Physiology-based Driver Readiness Estimation Model for Tuning ISO 26262 Controllability. , 2020, , .		1
6	The Influence of Different Levels of Cognitive Engagement on the Seated Postural Sway. Electronics (Switzerland), 2020, 9, 601.	3.1	1
7	A Novel Technique to Design and Optimize Performances of Custom Load Cells for Sport Gesture Analysis. Irbm, 2019, 40, 201-210.	5.6	4
8	A Sitting Posture Monitoring Instrument to Assess Different Levels of Cognitive Engagement. Sensors, 2019, 19, 455.	3.8	28
9	Wearable-based Temporal Parameters of Gait in Circuitous Routes under Dual-Task Conditions. , 2019, 2019, 1224-1227.		0
10	A non-intrusive system for seated posture identification. , 2018, , .		2
11	Strain gauges position optimization in designing custom load cells for sport gesture analysis. , 2018, , .		2
12	Effect of different smartphone uses on posture while seating and standing. , 2018, , .		7
13	Thermal Energy Harvesting on the Bodily Surfaces of Arms and Legs through a Wearable Thermo-Electric Generator. Sensors, 2018, 18, 1927.	3.8	36
14	Solar energy harvest on bicycle helmet for smart wearable sensors. , 2017, , .		4
15	Measurements of Generated Energy/Electrical Quantities from Locomotion Activities Using Piezoelectric Wearable Sensors for Body Motion Energy Harvesting. Sensors, 2016, 16, 524.	3.8	50
16	Wearable PVDF transducer for biomechanical energy harvesting and gait cycle detection. , 2016, , .		10
17	State of Alertness During Simulated Driving Tasks. IFMBE Proceedings, 2016, , 913-918.	0.3	1
18	A Preliminary Comparison of Two Different Methods for Objective Uniformity Evaluation in Diagnostic Ultrasound Imaging. IFMBE Proceedings, 2016, , 476-481.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Pre-Processing Effect on the Accuracy of Event-Based Activity Segmentation and Classification through Inertial Sensors. <i>Sensors</i> , 2015, 15, 23095-23109.	3.8	23
20	The Effect of Continuous and Discretized Presentations of Concurrent Augmented Visual Biofeedback on Postural Control in Quiet Stance. <i>PLoS ONE</i> , 2015, 10, e0132711.	2.5	10
21	A Neural Network Embedded System for Real-time Estimation of Muscle Forces. <i>Procedia Computer Science</i> , 2015, 51, 60-69.	2.0	7
22	Varying behavior of different window sizes on the classification of static and dynamic physical activities from a single accelerometer. <i>Medical Engineering and Physics</i> , 2015, 37, 705-711.	1.7	62
23	Real time event-based segmentation to classify locomotion activities through a single inertial sensor. , 2015, , .		10
24	Neural Networks for Muscle Forces Prediction in Cycling. <i>Algorithms</i> , 2014, 7, 621-634.	2.1	7
25	A new microcontroller-based system to optimize the digital conversion of signals originating from load cells built-in into pedals. , 2014, , .		5
26	Comparing different visual biofeedbacks in static posturography. , 2014, , .		2
27	Validity and Reliability of an Alternative Method for Measuring Power Output During Six-Second All-out Cycling. <i>Journal of Applied Biomechanics</i> , 2014, 30, 598-603.	0.8	4
28	The Effect of Window Length on the Classification of Dynamic Activities through a Single Accelerometer. , 2014, , .		9
29	Efficacy of TtB-Based Visual Biofeedback in Upright Stance Trials. <i>IFMBE Proceedings</i> , 2014, , 1755-1758.	0.3	3
30	Inter-individual variability of forces and modular muscle coordination in cycling: A study on untrained subjects. <i>Human Movement Science</i> , 2013, 32, 1480-1494.	1.4	45
31	How to assess performance in cycling: the multivariate nature of influencing factors and related indicators. <i>Frontiers in Physiology</i> , 2013, 4, 116.	2.8	31
32	Feedback of mechanical effectiveness induces adaptations in motor modules during cycling. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 35.	2.1	43
33	SVM versus MAP on Accelerometer Data to Distinguish among Locomotor Activities Executed at Different Speeds. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-7.	1.3	16
34	Muscle synergies are consistent when pedaling under different biomechanical demands. , 2012, 2012, 3308-11.		18
35	Neuromuscular adaptations during submaximal prolonged cycling. , 2012, 2012, 3612-5.		10
36	Analysis of different image-based biofeedback models for improving cycling performances. , 2012, , .		16

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37	Heart rate variability analysis during bicycle ergometer exercise. IFMBE Proceedings, 2009, , 47-50.	0.3	1
38	How much can we trust the electromechanical delay estimated by using electromyography?. , 2006, 2006, 1256-9.		13
39	Evaluation of skin and muscular deformations in a non-rigid motion analysis. , 2005, 5746, 535.		5
40	Respiration and postural sway: detection of phase synchronizations and interactions. Human Movement Science, 2004, 23, 105-119.	1.4	54