

Maria Teresa Restivo

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

613
citations

14
h-index

22
g-index

114
ext. papers


797
ext. citations

1.9
avg, IF

4.01
L-index

#	Paper	IF	Citations
84	A Remote Laboratory in Engineering Measurement. <i>IEEE Transactions on Industrial Electronics</i> , 2009 , 56, 4836-4843	8.9	80
83	A new type haptics-based virtual environment system for assembly training of complex products. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 58, 379-396	3.2	51
82	Hand length as an alternative measurement of height. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 229-33	5.2	43
81	Handgrip strength and associated factors in hospitalized patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015 , 39, 322-30	4.2	36
80	Usefulness of six diagnostic and screening measures for undernutrition in predicting length of hospital stay: a comparative analysis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2015 , 115, 927-38 ^{3,9}		29
79	Virtual reality and haptics for dental surgery: a personal review. <i>Visual Computer</i> , 2013 , 29, 433-447	2.3	28
78	A review of virtual reality and haptics for product assembly (part 1): rigid parts. <i>Assembly Automation</i> , 2013 , 33, 68-77	2.1	25
77	A review of virtual reality and haptics for product assembly: from rigid parts to soft cables. <i>Assembly Automation</i> , 2013 , 33, 157-164	2.1	18
76	Design and implementation of a haptic-based virtual assembly system. <i>Assembly Automation</i> , 2011 , 31, 369-384	2.1	18
75	Augmented reality to improve STEM motivation 2014 ,		17
74	Temperature field acquisition during gas metal arc welding using thermocouples, thermography and fibre Bragg grating sensors. <i>Measurement Science and Technology</i> , 2007 , 18, 877-883	2	16
73	Handgrip strength measurement as a predictor of hospitalization costs. <i>European Journal of Clinical Nutrition</i> , 2015 , 69, 187-92	5.2	15
72	Handgrip strength cutoff values for undernutrition screening at hospital admission. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 1315-21	5.2	15
71	Anatomical location for waist circumference measurement in older adults: a preliminary study. <i>Nutricion Hospitalaria</i> , 2012 , 27, 1554-61	1	15
70	Accuracy of Siri and Brozek equations in the percent body fat estimation in older adults. <i>Journal of Nutrition, Health and Aging</i> , 2010 , 14, 744-8	5.2	14
69	A case study of induced eddy currents. <i>Sensors and Actuators A: Physical</i> , 1995 , 51, 203-210	3.9	13
68	A Gamified Approach for Hand Rehabilitation Device. <i>International Journal of Online Engineering</i> , 2018 , 14, 179		11

67	Augmented Reality in Electrical Fundamentals. <i>International Journal of Online and Biomedical Engineering</i> , 2014 , 10, 68	0.8	10
66	Exploring Online Experimentation. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 4	0.8	10
65	Women in engineering: Addressing the gender gap, exploring trust and our unconscious bias 2018 ,		9
64	Accuracy of a digital skinfold system for measuring skinfold thickness and estimating body fat. <i>British Journal of Nutrition</i> , 2011 , 105, 478-84	3.6	7
63	Virtual environment for instrumented glove 2016 ,		7
62	NSensor [Wireless Sensor Network for Environmental Monitoring. <i>International Journal of Interactive Mobile Technologies</i> , 2017 , 11, 25	1.1	5
61	Let's Use Haptics!. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 65	0.8	5
60	Evaluating an online augmented reality puzzle for DC circuits: Students' feedback and conceptual knowledge gain. <i>Computer Applications in Engineering Education</i> , 2020 , 28, 1355-1368	1.6	5
59	Comparing classification techniques for identification of grasped objects. <i>BioMedical Engineering OnLine</i> , 2019 , 18, 21	4.1	4
58	Let's work with AR in DC circuits 2014 ,		4
57	Haptic System for Determining the Young Modulus of Materials. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 68	0.8	4
56	Online Systems for Training the Evaluation of Deviations of Geometrical Characteristics. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 16	0.8	4
55	The use of eddy currents on the measurement of relative acceleration. <i>Sensors and Actuators A: Physical</i> , 2004 , 113, 181-188	3.9	4
54	The Role of an Experimental Laboratory in Engineering Education. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 644-652	0.4	4
53	Guidelines for effective online lab assignments: Contributions to the discussion 2018 ,		4
52	Remote Level Monitoring and Control Solution. <i>IFAC-PapersOnLine</i> , 2016 , 49, 194-197	0.7	3
51	Easy creation and deployment of Javascript remote labs with EjsS and Moodle 2016 ,		3
50	Hysteresis Compensation in a Tactile Device for Arterial Pulse Reproduction. <i>Sensors</i> , 2018 , 18,	3.8	3

49	How students and teachers react to an AR free puzzle game: Preliminary tests 2015 ,		3
48	On the use of a 3D printer in mechatronics projects 2014 ,		3
47	Adding tactile information to remote & virtual labs 2011 ,		3
46	Serious Games for Reading Acquisition: A Tentative Prototype. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 686-692	0.4	3
45	A tool for grip evaluation and learning 2016 ,		2
44	Online experimentation: Experiment@Portugal 2012 2014 ,		2
43	Adding augmented reality to laboratory experimentation 2017 ,		2
42	Next-generation experimental lab #1 2015 ,		2
41	Accuracy of self-assessment among graduate students in mechanical engineering 2015 ,		2
40	Online Experimentation @ REV2012. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 4	0.8	2
39	flock.uc.pt  A Web Platform for Online Educational Modules with Online Experiments. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 13	0.8	2
38	Cut and Suture Support on Volumetric Models in the CyberMed Framework. <i>Procedia Technology</i> , 2012 , 5, 771-776		2
37	The use of video clips in engineering education 2012 ,		2
36	The Portuguese Contribution for lab2go - pt.lab2go. <i>International Journal of Online and Biomedical Engineering</i> , 2013 , 9, 7	0.8	2
35	An Attempt to Identify Meaningful Descriptors of Handgrip Strength Using a Novel Prototype: Preliminary Study. <i>Information (Switzerland)</i> , 2020 , 11, 546	2.6	2
34	Handgrip Strength Time Profile and Frailty: An Exploratory Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5134	2.6	2
33	Assisted Creation and Deployment of Javascript Remote Experiments. <i>International Journal of Online Engineering</i> , 2016 , 12, 22		2
32	Remote experiments with pneumatic circuit using a double rod cylinder 2019 ,		2

31	Reliability of Forearm Skin Thermal Assessment During Handgrip Exercise. <i>Studies in Systems, Decision and Control</i> , 2019 , 447-455	0.8	1
30	Screening System for Cardiac Problems through Non-Invasive Identification of Blood Pressure Waveform. <i>Information (Switzerland)</i> , 2020 , 11, 150	2.6	1
29	Demonstration of a remote lab based on a vibrating beam apparatus 2016 ,		1
28	Simple and achievable educational projects by interconnecting different integrated circuits 2014 ,		1
27	Augmented reality in groundwater flow 2014 ,		1
26	Adding sensorial capabilities to the augmented chemical reactions application 2014 ,		1
25	Online virtual system for straightness evaluation 2013 ,		1
24	Device for hand rehabilitation in online collaborative environment 2017 ,		1
23	Usefulness of remote experiments 2017 ,		1
22	An online collaborative environment for rehabilitation using instrumented devices 2017 ,		1
21	Feeling the elastic force with a haptic device: A learning experience with K12 and first year engineering students 2015 ,		1
20	Wireless control and network management of door locks 2015 ,		1
19	U.Jr. [Mentoring in action: Junior University at U.Porto 2012 ,		1
18	Haptic device demo using temperature feedback 2013 ,		1
17	Measuring relative acceleration: a relative angular acceleration prototype transducer. <i>Measurement Science and Technology</i> , 2013 , 24, 025101	2	1
16	Experiment@Portugal 2012 - ongoing activities 2013 ,		1
15	1 DOF haptic device built with parts of recycled material 2013 ,		1
14	Improving the laboratory environment by switching to embedded online labs 2013 ,		1

13	Experiment@Portugal 2011 ,			1
12	2012 ,			1
11	Analysis and pattern identification on smart sensors data 2017 ,			1
10	Towards an Automated Analysis of Forearm Thermal Images During Handgrip Exercise. <i>Lecture Notes in Networks and Systems</i> , 2019 , 498-506		0.5	1
9	Handgrip Evaluation: Endurance and Handedness Dominance. <i>Lecture Notes in Networks and Systems</i> , 2019 , 507-516		0.5	1
8	Immersive Environment for Occupational Therapy: Pilot Study. <i>Information (Switzerland)</i> , 2020 , 11, 405	2.6		1
7	Evaluation of remote experiments by different target groups: NeReLa project case study 2016 ,			1
6	Carnival Play. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2021 , 206-242		0.3	1
5	Demonstration: Online Detection of Abnormalities in Blood Pressure Waveform: Bisfiriens and Alternans Pulse. <i>Lecture Notes in Networks and Systems</i> , 2019 , 536-545		0.5	
4	A Case Study of AR Technology and Engineering Students: Is There a Gender Gap?. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 330-337		0.4	
3	An Instrumented Glove for Control Audiovisual Elements in Performing Arts. <i>International Journal of Online Engineering</i> , 2018 , 14, 173			
2	Cloud-Based Data Storage System for eHealth Smart Devices. <i>Lecture Notes in Networks and Systems</i> , 2022 , 400-407		0.5	
1	Impact of Biofeedback in the Motor Rehabilitation of Patients with Acquired Brain Injury. <i>Lecture Notes in Networks and Systems</i> , 2022 , 408-414		0.5	