

Paulo Abreu

List of Publications by Year in Descending Order

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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.

37
papers

95
citations

5
h-index

7
g-index

48
ext. papers

133
ext. citations

1.3
avg, IF

2.71
L-index

#	Paper	IF	Citations
37	Cloud-Based Data Storage System for eHealth Smart Devices. <i>Lecture Notes in Networks and Systems</i> , 2022 , 400-407	0.5	
36	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	
35	Handgrip Strength Time Profile and Frailty: An Exploratory Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5134	2.6	2
34	Carnival Play. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2021 , 206-242	0.3	1
33	Child Friendly App for Spelling Training. <i>International Journal of Online and Biomedical Engineering</i> , 2020 , 16, 82	0.8	
32	Screening System for Cardiac Problems through Non-Invasive Identification of Blood Pressure Waveform. <i>Information (Switzerland)</i> , 2020 , 11, 150	2.6	1
31	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
30	Biomedical musculoskeletal applications of infrared thermal imaging on arm and forearm: A systematic review. <i>Journal of Thermal Biology</i> , 2019 , 82, 164-177	2.9	9
29	Reliability of Forearm Skin Thermal Assessment During Handgrip Exercise. <i>Studies in Systems, Decision and Control</i> , 2019 , 447-455	0.8	1
28	Comparing classification techniques for identification of grasped objects. <i>BioMedical Engineering OnLine</i> , 2019 , 18, 21	4.1	4
27	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	
26	The Role of an Experimental Laboratory in Engineering Education. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 644-652	0.4	4
25	Handgrip Evaluation: Endurance and Handedness Dominance. <i>Lecture Notes in Networks and Systems</i> , 2019 , 507-516	0.5	1
24	Hand rehabilitation and haptic surfaces: a tentative prototype. <i>IFAC-PapersOnLine</i> , 2019 , 52, 427-433	0.7	
23	Remote experiments with pneumatic circuit using a double rod cylinder 2019 ,		2
22	Hysteresis Compensation in a Tactile Device for Arterial Pulse Reproduction. <i>Sensors</i> , 2018 , 18,	3.8	3
21	A Gamified Approach for Hand Rehabilitation Device. <i>International Journal of Online Engineering</i> , 2018 , 14, 179		11

20	An Instrumented Glove for Control Audiovisual Elements in Performing Arts. <i>International Journal of Online Engineering</i> , 2018 , 14, 173		
19	Fiber Bragg grating sensor based on cantilever structure embedded in polymer 3D printed material 2017 ,		1
18	Analysis and implementation of a force control strategy for drilling operations with an industrial robot. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 4749-4756	2	7
17	NSensor □Wireless Sensor Network for Environmental Monitoring. <i>International Journal of Interactive Mobile Technologies</i> , 2017 , 11, 25	1.1	5
16	Enhancing a 3D Printer with Online Access. <i>International Journal of Interactive Mobile Technologies</i> , 2017 , 11, 44	1.1	1
15	Device for hand rehabilitation in online collaborative environment 2017 ,		1
14	Adding augmented reality to laboratory experimentation 2017 ,		2
13	An online collaborative environment for rehabilitation using instrumented devices 2017 ,		1
12	Analysis and pattern identification on smart sensors data 2017 ,		1
11	A tool for grip evaluation and learning 2016 ,		2
10	Data Acquisition Glove for Hand Movement Impairment Rehabilitation. <i>International Journal of Online Engineering</i> , 2016 , 12, 52		5
9	Virtual environment for instrumented glove 2016 ,		7
8	Instrumented glove for rehabilitation exercises 2015 ,		3
7	Monitoring system for cold storages 2015 ,		1
6	Wireless control and network management of door locks 2015 ,		1
5	Experiments with a Virtual Lab for Industrial Robots Programming. <i>International Journal of Online and Biomedical Engineering</i> , 2015 , 11, 10	0.8	2
4	Virtual experiment for teaching robot programming 2014 ,		2
3	On the use of a 3D printer in mechatronics projects 2014 ,		3

2 Robotics virtual lab based on off-line robot programming software **2013**,

6

1 Pneumatic Driven Device for Integration into Robotic Finishing Applications. *Communications in Computer and Information Science*, **2013**, 49-56

0.3