

Paulo Abreu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3710225/paulo-abreu-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	A Gamified Approach for Hand Rehabilitation Device. <i>International Journal of Online Engineering</i> , 2018 , 14, 179		11
36	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
35	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
34	Virtual environment for instrumented glove 2016 ,		7
33	Robotics virtual lab based on off-line robot programming software 2013 ,		6
32	NSensor [Wireless Sensor Network for Environmental Monitoring. <i>International Journal of Interactive Mobile Technologies</i> , 2017 , 11, 25	1.1	5
31	Data Acquisition Glove for Hand Movement Impairment Rehabilitation. <i>International Journal of Online Engineering</i> , 2016 , 12, 52		5
30	Comparing classification techniques for identification of grasped objects. <i>BioMedical Engineering OnLine</i> , 2019 , 18, 21	4.1	4
29	The Role of an Experimental Laboratory in Engineering Education. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 644-652	0.4	4
28	Hysteresis Compensation in a Tactile Device for Arterial Pulse Reproduction. <i>Sensors</i> , 2018 , 18,	3.8	3
27	Instrumented glove for rehabilitation exercises 2015 ,		3
26	On the use of a 3D printer in mechatronics projects 2014 ,		3
25	A tool for grip evaluation and learning 2016 ,		2
24	Virtual experiment for teaching robot programming 2014 ,		2
23	Adding augmented reality to laboratory experimentation 2017 ,		2
22	Experiments with a Virtual Lab for Industrial Robots Programming. <i>International Journal of Online and Biomedical Engineering</i> , 2015 , 11, 10	0.8	2
21	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

20	Handgrip Strength Time Profile and Frailty: An Exploratory Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5134	2.6	2
19	Remote experiments with pneumatic circuit using a double rod cylinder 2019 ,		2
18	Fiber Bragg grating sensor based on cantilever structure embedded in polymer 3D printed material 2017 ,		1
17	Reliability of Forearm Skin Thermal Assessment During Handgrip Exercise. <i>Studies in Systems, Decision and Control</i> , 2019 , 447-455	0.8	1
16	Screening System for Cardiac Problems through Non-Invasive Identification of Blood Pressure Waveform. <i>Information (Switzerland)</i> , 2020 , 11, 150	2.6	1
15	Enhancing a 3D Printer with Online Access. <i>International Journal of Interactive Mobile Technologies</i> , 2017 , 11, 44	1.1	1
14	Device for hand rehabilitation in online collaborative environment 2017 ,		1
13	An online collaborative environment for rehabilitation using instrumented devices 2017 ,		1
12	Monitoring system for cold storages 2015 ,		1
11	Wireless control and network management of door locks 2015 ,		1
10	Analysis and pattern identification on smart sensors data 2017 ,		1
9	Handgrip Evaluation: Endurance and Handedness Dominance. <i>Lecture Notes in Networks and Systems</i> , 2019 , 507-516	0.5	1
8	Carnival Play. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2021 , 206-242	0.3	1
7	Child Friendly App for Spelling Training. <i>International Journal of Online and Biomedical Engineering</i> , 2020 , 16, 82	0.8	
6	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	
5	Pneumatic Driven Device for Integration into Robotic Finishing Applications. <i>Communications in Computer and Information Science</i> , 2013 , 49-56	0.3	
4	Hand rehabilitation and haptic surfaces: a tentative prototype. <i>IFAC-PapersOnLine</i> , 2019 , 52, 427-433	0.7	
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, 2022, 400-407</i> | 0.5 |
| 1 | Impact of Biofeedback in the Motor Rehabilitation of Patients with Acquired Brain Injury. <i>Lecture Notes in Networks and Systems, 2022, 408-414</i> | 0.5 |