

Nlson Costa

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6868740/nelson-costa-publications-by-citations.pdf>

Version: 2024-04-29

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.

38
papers

163
citations

8
h-index

12
g-index

41
ext. papers

249
ext. citations

1.5
avg, IF

3.36
L-index

#	Paper	IF	Citations
38	Deep Learning Approaches for Detecting Freezing of Gait in Parkinson's Disease Patients through On-Body Acceleration Sensors. <i>Sensors</i> , 2020 , 20,	3.8	23
37	Towards an Ergonomic Assessment Framework for Industrial Assembly Workstations A Case Study. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3048	2.6	22
36	Lean Manufacturing and Ergonomics Integration: Defining Productivity and Wellbeing Indicators in a HumanRobot Workstation. <i>Sustainability</i> , 2021 , 13, 1931	3.6	19
35	Occupational Risk Prevention through Smartwatches: Precision and Uncertainty Effects of the Built-In Accelerometer. <i>Sensors</i> , 2018 , 18,	3.8	14
34	The influence of operator driving characteristics in whole-body vibration exposure from electrical fork-lift trucks. <i>International Journal of Industrial Ergonomics</i> , 2009 , 39, 34-38	2.9	12
33	Ergonomic intervention on a packing workstation with robotic aid -case study at a furniture manufacturing industry. <i>Work</i> , 2020 , 66, 229-237	1.6	10
32	Effects of occupational vibration exposure on cognitive/motor performance. <i>International Journal of Industrial Ergonomics</i> , 2014 , 44, 654-661	2.9	10
31	Ergonomic Assessment and Workstation Design in a Furniture Manufacturing Industry A Case Study. <i>Studies in Systems, Decision and Control</i> , 2019 , 409-417	0.8	8
30	Automatic Resting Tremor Assessment in Parkinson's Disease Using Smartwatches and Multitask Convolutional Neural Networks. <i>Sensors</i> , 2021 , 21,	3.8	8
29	Wearable technology for occupational risk assessment: Potential avenues for applications 2018 , 447-452		6
28	Business sustainability through employees involvement: A case study. <i>FME Transactions</i> , 2015 , 43, 362-369		6
27	Workload MeasuresRecent Trends in the Driving Context. <i>Studies in Systems, Decision and Control</i> , 2019 , 419-430	0.8	2
26	Effects of vibration exposure on professional drivers: a field test for quantifying visual and cognitive performance. <i>Work</i> , 2012 , 41 Suppl 1, 3039-42	1.6	2
25	IMPROVING PROCESSES IN A POSTGRADUATE OFFICE OF A UNIVERSITY THROUGH LEAN OFFICE TOOLS. <i>International Journal for Quality Research</i> , 2019 , 13, 797-810	2.6	2
24	Capturing the Ups and Downs of Accidents Figures The Portuguese Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 675-681	0.4	2
23	Safety Requirements for the Design of Collaborative Robotic Workstations in Europe A Review. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 225-232	0.4	2
22	Global City: Index for Industry Sustainable Development. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 294-302	0.4	2

21	Dealing with Aging and Multigeneration Workforce Topics at Top Global Companies: Evidence from Public Disclosure Information 2018 ,		2
20	Assessment of ventilation rates inside educational buildings in Southwestern Europe: Analysis of implemented strategic measures. <i>Journal of Building Engineering</i> , 2022 , 51, 104204	5.2	2
19	Sustainable Business Strategies: What You Think Is What You Do?. <i>Studies in Systems, Decision and Control</i> , 2019 , 747-755	0.8	1
18	Industrial Occupational Safety. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2020 , 152-172	0.3	1
17	Characterization of school furniture in a basic education school 2018 , 601-605		1
16	Digitalization of Musculoskeletal Risk Assessment in a Robotic-Assisted Assembly Workstation. <i>Safety</i> , 2021 , 7, 74	1.7	1
15	The Impact of Autonomous Vehicles' Active Feedback on Trust. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 342-352	0.4	1
14	Human-Centered Approach for the Design of a Collaborative Robotics Workstation. <i>Studies in Systems, Decision and Control</i> , 2020 , 379-387	0.8	1
13	Weighing the Importance of Drivers' Workload Measurement Standardization. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 82-90	0.4	1
12	Tackling Autonomous Driving Challenges - How the Design of Autonomous Vehicles Is Mirroring Universal Design. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 134-145	0.4	
11	Cytostatic-drugs handling in hospitals: Impact of contamination at occupational environments 2018 , 613-616		
10	Comparison between methods of assessing the risk of musculoskeletal disorders on upper limb extremities: A study in manual assembly work 2018 , 437-442		
9	Labor claims and certification in occupational health and safety management 2018 , 413-418		
8	Wellness in Cognitive Workload - A Conceptual Framework. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 353-364	0.4	
7	Study of the School Furniture Adequacy to Students' Anthropometric Dimensions. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 832-837	0.4	
6	Can the Use of Well-Adjusted School Furniture Improve Students' Performance?. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 117-123	0.4	
5	Cytotoxic Drug Manipulation and Its Impact on Occupational Safety of Hospital Workers. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 555-562	0.4	
4	Driving Workload Indicators: The Case of Senior Drivers. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 604-615	0.4	

- 3 How Ergonomics Is Contributing to Overall Equipment Effectiveness: A Case Study. *Advances in Intelligent Systems and Computing*, **2020**, 24-32 0.4
- 2 Industrial Occupational Safety **2021**, 1767-1787
- 1 What Times Should Be Used for fNIRS and EEG Protocol?. *Lecture Notes in Mechanical Engineering*, **2023**, 216-227 0.4