

Luigi Monica

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/336220/publications.pdf>

Version: 2024-02-01

16
papers

352
citations

1307594

7
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety management systems: Performance differences between adopters and non-adopters. Safety Science, 2009, 47, 155-162.	4.9	119
2	Back-Support Exoskeletons for Occupational Use: An Overview of Technological Advances and Trends. IJSE Transactions on Occupational Ergonomics and Human Factors, 2019, 7, 237-249.	0.8	113
3	Equivalent Weight: Connecting Exoskeleton Effectiveness with Ergonomic Risk during Manual Material Handling. International Journal of Environmental Research and Public Health, 2021, 18, 2677.	2.6	22
4	Acceleration-based Assistive Strategy to Control a Back-support Exoskeleton for Load Handling: Preliminary Evaluation. , 2019, 2019, 625-630.		17
5	EVOLUTION OF COGNITIVE DEMAND IN THE HUMAN-MACHINE INTERACTION INTEGRATED WITH INDUSTRY 4.0 TECHNOLOGIES. WIT Transactions on the Built Environment, 2019, , .	0.0	16
6	Implications of embedded artificial intelligence - machine learning on safety of machinery. Procedia Computer Science, 2021, 180, 338-343.	2.0	15
7	Reduction of workers' hand-arm vibration exposure through optimal machine design: AHP methodology applied to a case study. Safety Science, 2019, 120, 706-727.	4.9	13
8	Assessment of an On-board Classifier for Activity Recognition on an Active Back-Support Exoskeleton. , 2019, 2019, 559-564.		11
9	Human-System Interaction Design Requirements to Improve Machinery and Systems Safety. Advances in Intelligent Systems and Computing, 2020, , 3-13.	0.6	11
10	A case study on occupational back-support exoskeletons versatility in lifting and carrying. , 2021, , .		5
11	Physical Comfort of Occupational Exoskeletons: Influence of Static Fit on Subjective Scores. , 2021, , .		3
12	Work System Design in Machine and System Safety with a Focus on Human-System Interaction. Lecture Notes in Networks and Systems, 2021, , 154-160.	0.7	1
13	Preliminary Study of an Exoskeleton Index for Ergonomic Assessment in the Workplace. Biosystems and Biorobotics, 2022, , 159-163.	0.3	1
14	EVOLUTION OF EUROPEAN PRODUCT DIRECTIVES IN PERSPECTIVE OF INDUSTRY 4.0. WIT Transactions on the Built Environment, 2017, , .	0.0	1
15	Improvements of Machinery and Systems Safety by Human Factors, Ergonomics and Safety in Human-System Interaction. Advances in Intelligent Systems and Computing, 2019, , 257-267.	0.6	1
16	RISK ASSESSMENT ON MACHINES WITH CE MARKING AND WITH EMBEDDED INDUSTRY 4.0 ENABLING TECHNOLOGIES. WIT Transactions on Engineering Sciences, 2020, , .	0.0	1