

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