

Giovanni Formentini

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

125
citations

1684188

5
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental implication of personal protection equipment in the pandemic era: LCA comparison of face masks typologies. <i>Procedia CIRP</i> , 2021, 98, 306-311.	1.9	30
2	Engineering Design Process of Face Masks Based on Circularity and Life Cycle Assessment in the Constraint of the COVID-19 Pandemic. <i>Sustainability</i> , 2021, 13, 4948.	3.2	27
3	Design for manufacturing and assembly methods in the product development process of mechanical products: a systematic literature review. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 4307-4334.	3.0	19
4	Conceptual Design for Assembly in Aerospace Industry: A Method to Assess Manufacturing and Assembly Aspects of Product Architectures. <i>Proceedings of the Design Society International Conference on Engineering Design</i> , 2019, 1, 2961-2970.	0.6	14
5	Design for Assembly in the Conceptual Development of Aircraft Systems. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 268-278.	0.4	7
6	EXTRAPOLATION OF DESIGN GUIDELINES DURING THE CONCEPTUAL DESIGN PHASE: A METHOD TO SUPPORT PRODUCT ARCHITECTURE DESIGN. <i>Proceedings of the Design Society DESIGN Conference</i> , 2020, 1, 857-866.	0.8	6
7	Impact assessment of design guidelines in the conceptual development of aircraft product architectures. <i>Procedia CIRP</i> , 2021, 100, 223-228.	1.9	5
8	Conceptual Design for Assembly methodology formalization: systems installation analysis and manufacturing information integration in the design and development of aircraft architectures. <i>Journal of Industrial Information Integration</i> , 2022, 26, 100327.	6.4	4
9	Eco-design of cooking appliances based on food habits and diets. <i>Procedia CIRP</i> , 2020, 90, 372-376.	1.9	3
10	Challenging the engineering design process for the development of facial masks in the constraint of the COVID-19 pandemic. <i>Procedia CIRP</i> , 2021, 100, 660-665.	1.9	3
11	Engineering design in food-packaging industry: the case study of a tuna canning machine. <i>Procedia CIRP</i> , 2021, 100, 229-234.	1.9	2
12	ECO-DESIGN ACTIONS TO IMPROVE LIFE CYCLE ENVIRONMENTAL PERFORMANCE OF FACE MASKS IN THE PANDEMIC ERA. <i>Proceedings of the Design Society</i> , 2021, 1, 1333-1342.	0.8	2
13	CONCEPTUAL DESIGN FOR ASSEMBLY IN AEROSPACE INDUSTRY: SENSITIVITY ANALYSIS OF MATHEMATICAL FRAMEWORK AND DESIGN PARAMETERS. <i>Proceedings of the Design Society</i> , 2021, 1, 731-740.	0.8	1
14	CDFA method: a way to assess assembly and installation performance of aircraft system architectures at the conceptual design. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2022, 33, 31-52.	2.1	1