

Antonio Giallanza

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

529
citations

687363

13
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

380
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved FMECA for effective risk management decision making by failure modes classification under uncertainty. <i>Engineering Failure Analysis</i> , 2022, 135, 106163.	4.0	7
2	An Empirical Investigation of Green Product Design and Development Strategies for Eco Industries Using Kano Model and Fuzzy AHP. <i>Sustainability</i> , 2022, 14, 8735.	3.2	7
3	Industry 4.0: advanced digital solutions implemented on a close power loop test bench. <i>Procedia Computer Science</i> , 2021, 180, 93-101.	2.0	8
4	Ranking of occupational health and safety risks by a multi-criteria perspective: Inclusion of human factors and application of VIKOR. <i>Safety Science</i> , 2021, 138, 105234.	4.9	23
5	Industry 4.0 Technologies for Manufacturing Sustainability: A Systematic Review and Future Research Directions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5725.	2.5	152
6	A Structured Methodology for the Safety Key Performance Indicator Prioritization: A Case Study. , 2021, , .		3
7	Numerical and experimental analysis of a high innovative hydrofoil. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 43-57.	2.2	4
8	Fatigue crack growth of new FML composites for light ship buildings under predominant mode II loading condition. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 77-87.	2.2	10
9	Interactive roll stabilization comparative analysis for large yacht: gyroscope versus active fins. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 143-151.	2.2	14
10	Industry 4.0: smart test bench for shipbuilding industry. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 1525-1533.	2.2	10
11	Fuzzy green vehicle routing problem for designing a three echelons supply chain. <i>Journal of Cleaner Production</i> , 2020, 259, 120774.	9.3	45
12	Propulsion Monitoring System for Digitized Ship Management: Preliminary Results from a Case Study. <i>Procedia Manufacturing</i> , 2020, 42, 16-23.	1.9	16
13	Towards Shipping 4.0. A preliminary gap analysis. <i>Procedia Manufacturing</i> , 2020, 42, 24-29.	1.9	44
14	Design of a Close Power Loop Test Bench for Contra-Rotating Propellers. <i>Progress in Marine Science and Technology</i> , 2020, , .	0.1	0
15	The sustainability of olive orchard planting management for different harvesting techniques: An integrated methodology. <i>Journal of Cleaner Production</i> , 2019, 238, 117989.	9.3	18
16	Sustainable vehicle routing based on firefly algorithm and TOPSIS methodology. <i>Sustainable Futures</i> , 2019, 1, 100001.	3.2	16
17	A sizing approach for stand-alone hybrid photovoltaic-wind-battery systems: A Sicilian case study. <i>Journal of Cleaner Production</i> , 2018, 199, 817-830.	9.3	56
18	Economic assessment based on scenario analysis for the production of a new functional pasta. <i>Journal of Food Engineering</i> , 2018, 237, 171-176.	5.2	4

#	ARTICLE	IF	CITATIONS
19	Analysis of the maximization of wind turbine energy yield using a continuously variable transmission system. <i>Renewable Energy</i> , 2017, 102, 481-486.	8.9	19
20	Selection of a Sustainable Functional Pasta Enriched with Opuntia Using ELECTRE III Methodology. <i>Sustainability</i> , 2017, 9, 885.	3.2	19
21	Effects of the indentation process on fatigue life of drilled specimens: optimization of the distance between adjacent holes. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 1119-1127.	1.5	9
22	Effect of the indentation process on fatigue life of drilled specimens. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 2847-2856.	1.5	15
23	Experimental and numerical analysis of aluminum-aluminum bolted joints subject to an indentation process. <i>International Journal of Fatigue</i> , 2015, 80, 332-340.	5.7	16
24	A model for predicting the mixed-mode fatigue crack growth in a bonded joint. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2014, 37, 380-390.	3.4	10