

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	Industry 4.0 Technologies for Manufacturing Sustainability: A Systematic Review and Future Research Directions. Applied Sciences (Switzerland), 2021, 11, 5725.	2.5	152
2	A sizing approach for stand-alone hybrid photovoltaic-wind-battery systems: A Sicilian case study. Journal of Cleaner Production, 2018, 199, 817-830.	9.3	56
3	Fuzzy green vehicle routing problem for designing a three echelons supply chain. Journal of Cleaner Production, 2020, 259, 120774.	9.3	45
4	Towards Shipping 4.0. A preliminary gap analysis. Procedia Manufacturing, 2020, 42, 24-29.	1.9	44
5	Ranking of occupational health and safety risks by a multi-criteria perspective: Inclusion of human factors and application of VIKOR. Safety Science, 2021, 138, 105234.	4.9	23
6	Analysis of the maximization of wind turbine energy yield using a continuously variable transmission system. Renewable Energy, 2017, 102, 481-486.	8.9	19
7	Selection of a Sustainable Functional Pasta Enriched with Opuntia Using ELECTRE III Methodology. Sustainability, 2017, 9, 885.	3.2	19
8	The sustainability of olive orchard planting management for different harvesting techniques: An integrated methodology. Journal of Cleaner Production, 2019, 238, 117989.	9.3	18
9	Experimental and numerical analysis of aluminum-aluminum bolted joints subject to an indentation process. International Journal of Fatigue, 2015, 80, 332-340.	5.7	16
10	Sustainable vehicle routing based on firefly algorithm and TOPSIS methodology. Sustainable Futures, 2019, 1, 100001.	3.2	16
11	Propulsion Monitoring System for Digitized Ship Management: Preliminary Results from a Case Study. Procedia Manufacturing, 2020, 42, 16-23.	1.9	16
12	Effect of the indentation process on fatigue life of drilled specimens. Journal of Mechanical Science and Technology, 2015, 29, 2847-2856.	1.5	15
13	Interactive roll stabilization comparative analysis for large yacht: gyroscope versus active fins. International Journal on Interactive Design and Manufacturing, 2020, 14, 143-151.	2.2	14
14	A model for predicting the mixed-mode fatigue crack growth in a bonded joint. Fatigue and Fracture of Engineering Materials and Structures, 2014, 37, 380-390.	3.4	10
15	Fatigue crack growth of new FML composites for light ship buildings under predominant mode II loading condition. International Journal on Interactive Design and Manufacturing, 2020, 14, 77-87.	2.2	10
16	Industry 4.0: smart test bench for shipbuilding industry. International Journal on Interactive Design and Manufacturing, 2020, 14, 1525-1533.	2.2	10
17	Effects of the indentation process on fatigue life of drilled specimens: optimization of the distance between adjacent holes. Journal of Mechanical Science and Technology, 2016, 30, 1119-1127.	1.5	9
18	Industry 4.0: advanced digital solutions implemented on a close power loop test bench. Procedia Computer Science, 2021, 180, 93-101.	2.0	8

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	A Structured Methodology for the Safety Key Performance Indicator Prioritization: A Case Study. , 2021, , .		3
24	Design of a Close Power Loop Test Bench for Contra-Rotating Propellers. <i>Progress in Marine Science and Technology</i> , 2020, , .	0.1	0