

Giada La Scalia

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

784
citations

471509

17
h-index

526287

27
g-index

36
all docs

36
docs citations

36
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi objective genetic algorithm for the facility layout problem based upon slicing structure encoding. <i>Expert Systems With Applications</i> , 2012, 39, 10352-10358.	7.6	97
2	A non dominated ranking Multi Objective Genetic Algorithm and electre method for unequal area facility layout problems. <i>Expert Systems With Applications</i> , 2013, 40, 4812-4819.	7.6	59
3	Effect of Vibration on the Quality of Strawberry Fruits Caused by Simulated Transport. <i>Journal of Food Process Engineering</i> , 2016, 39, 140-156.	2.9	57
4	Simulation analysis of cold chain performance based on time-temperature data. <i>Production Planning and Control</i> , 2012, 23, 468-476.	8.8	55
5	A sustainable phenolic compound extraction system from olive oil mill wastewater. <i>Journal of Cleaner Production</i> , 2017, 142, 3782-3788.	9.3	49
6	A webGIS-based system for real time shelf life prediction. <i>Computers and Electronics in Agriculture</i> , 2016, 127, 451-459.	7.7	34
7	A combined interval-valued ELECTRE TRI and TOPSIS approach for solving the storage location assignment problem. <i>Computers and Industrial Engineering</i> , 2019, 135, 199-210.	6.3	34
8	Clean Agent Selection Approached by Fuzzy TOPSIS Decision-Making Method. <i>Fire Technology</i> , 2009, 45, 405-418.	3.0	33
9	An Innovative Shelf Life Model Based on Smart Logistic Unit for an Efficient Management of the Perishable Food Supply Chain. <i>Journal of Food Process Engineering</i> , 2017, 40, e12311.	2.9	31
10	An oxygen monitoring and control system inside a malaxation machine to improve extra virgin olive oil quality. <i>Biosystems Engineering</i> , 2013, 114, 1-8.	4.3	27
11	Coffee biowaste valorization within circular economy: an evaluation method of spent coffee grounds potentials for mortar production. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1805-1815.	4.7	27
12	Predictive shelf life model based on RF technology for improving the management of food supply chain: A case study. <i>International Journal of RF Technologies: Research and Applications</i> , 2016, 7, 31-42.	0.7	26
13	Reducing waste and ecological impacts through a sustainable and efficient management of perishable food based on the Monte Carlo simulation. <i>Ecological Indicators</i> , 2019, 97, 363-371.	6.3	26
14	Multi-Criteria Decision Making support system for pancreatic islet transplantation. <i>Expert Systems With Applications</i> , 2011, 38, 3091-3097.	7.6	24
15	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
16	Selection of a Sustainable Functional Pasta Enriched with Opuntia Using ELECTRE III Methodology. <i>Sustainability</i> , 2017, 9, 885.	3.2	19
17	Selection of Novel Geopolymeric Mortars for Sustainable Construction Applications Using Fuzzy Topsis Approach. <i>Sustainability</i> , 2020, 12, 5987.	3.2	19
18	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

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19	Real time continuous oxygen concentration monitoring system during malaxation for the production of Virgin Olive Oil. <i>Grasas Y Aceites</i> , 2012, 63, 475-483.	0.9	17
20	From lab to industry: Scaling up green geopolymic mortars manufacturing towards circular economy. <i>Journal of Cleaner Production</i> , 2021, 316, 128164.	9.3	16
21	Innovative Recycling of Lime Slaker Grits from Paper-Pulp Industry Reused as Aggregate in Ambient Cured Biomass Fly Ash-Based Geopolymers for Sustainable Construction Material. <i>Sustainability</i> , 2019, 11, 3481.	3.2	15
22	Solving type-2 assembly line balancing problem with fuzzy binary linear programming. <i>Journal of Intelligent and Fuzzy Systems</i> , 2013, 25, 517-524.	1.4	11
23	An expert system for vineyard management based upon ubiquitous network technologies. <i>International Journal of Services Operations and Informatics</i> , 2011, 6, 230.	0.3	10
24	Facility layout problem: Bibliometric and benchmarking analysis. <i>International Journal of Industrial Engineering Computations</i> , 2019, , 453-472.	0.7	9
25	Real time assessment of handâ€‘arm vibration system based on capacitive MEMS accelerometers. <i>Computers and Electronics in Agriculture</i> , 2012, 85, 45-52.	7.7	8
26	Firefly algorithm based upon slicing structure encoding for unequal facility layout problem. <i>International Journal of Industrial Engineering Computations</i> , 2019, , 349-360.	0.7	8
27	Preliminary analysis of warehouse localization systems based on RFID technology. <i>International Journal of RF Technologies: Research and Applications</i> , 2010, 2, 23-36.	0.7	6
28	Regenerative scheduling problem in engineer to order manufacturing: an economic assessment. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 1913-1925.	7.3	5
29	Coverage analysis of RFID indoor localization system for refrigerated warehouses based on 2D-ray tracing. <i>International Journal of RF Technologies: Research and Applications</i> , 2012, 3, 85-99.	0.7	4
30	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
31	A multifunctional plant for a sustainable reuse of marble waste toward circular economy. <i>Waste Management and Research</i> , 2022, 40, 806-813.	3.9	4
32	Shelf life-based inventory management policy for RF monitored warehouse. <i>International Journal of RF Technologies: Research and Applications</i> , 2018, 9, 101-111.	0.7	3
33	A Structured Methodology for the Safety Key Performance Indicator Prioritization: A Case Study. , 2021, , .		3
34	Automatic detection and agronomic characterization of olive groves using high-resolution imagery and LIDAR data. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
35	Standardization of islet isolation outcome â€‘ A new automatic system to determine pancreatic islet viability. <i>Expert Systems With Applications</i> , 2011, 38, 3461-3466.	7.6	1
36	Project Management Information Systems (PMISs): A Statistical-Based Analysis for the Evaluation of Software Packages Features. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11233.	2.5	0