

Daniel Rossit

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

503
citations

9
h-index

22
g-index

48
ext. papers

658
ext. citations

2.8
avg, IF

4.89
L-index

#	Paper	IF	Citations
43	Objective space division-based hybrid evolutionary algorithm for handling overlapping solutions in combinatorial problems.. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 3369-3401	2.1	0
42	Blockchain Production Planning in Mass Personalized Environments. <i>Studies in Big Data</i> , 2022 , 271-291	0.9	
41	Mass customized/personalized manufacturing in Industry 4.0 and blockchain: Research challenges, main problems, and the design of an information architecture. <i>Information Fusion</i> , 2022 , 79, 44-57	16.7	7
40	Order picking and loading-dock arrival punctuality performance indicators for supply chain management: A case study. <i>Engineering Management in Production and Services</i> , 2022 , 14, 26-37	1.8	1
39	One-of-a-kind Production in Cyber-Physical Production Systems Considering Machine Failures. <i>Journal of Integrated Design and Process Science</i> , 2022 , 25, 100-119	0.4	
38	Flow Shop Scheduling Problems in Industry 4.0 Production Environments: Missing Operation Case 2021 , 1-23		1
37	One-of-a-kind Production in Cyber-Physical Production Systems Considering Machine Failures. <i>Journal of Integrated Design and Process Science</i> , 2021 , 1-20	0.4	0
36	Business Ecosystem Approach to Industry 4.0 2021 , 1-22		1
35	Modelling the Dynamics of a Smart Factory 2021 , 1-23		
34	Solving a flow shop scheduling problem with missing operations in an Industry 4.0 production environment. <i>Journal of Project Management</i> , 2021 , 33-44	0.9	5
33	The tolerance scheduling problem for maximum lateness in Industry 4.0 systems 2021 , 95-113		4
32	A combinatorial analysis of the permutation and non-permutation flow shop scheduling problems. <i>European Journal of Operational Research</i> , 2021 , 289, 841-854	5.6	2
31	Simultaneous Lot-Sizing and Scheduling with Recovery Options: Problem Formulation and Analysis of the Single-Product Case. <i>Communications in Computer and Information Science</i> , 2021 , 102-112	0.3	
30	Lot streaming Permutation Flow shop with energy awareness. <i>International Journal of Industrial Engineering and Management</i> , 2021 , Volume 12, 25-36	1.3	0
29	Stochastic forestry harvest planning under soil compaction conditions. <i>Journal of Environmental Management</i> , 2021 , 296, 113157	7.9	1
28	Modelling the Dynamics of a Digital Twin. <i>Communications in Computer and Information Science</i> , 2021 , 238-252	0.3	
27	Explicit Multiobjective Evolutionary Algorithms for Flow Shop Scheduling with Missing Operations. <i>Programming and Computer Software</i> , 2021 , 47, 615-630	0.8	0

26	Scheduling in cloud manufacturing systems: Recent systematic literature review. <i>Mathematical Biosciences and Engineering</i> , 2020 , 17, 7378-7397	2.1	8
25	The Tolerance Scheduling Problem in a Single Machine Case. <i>Profiles in Operations Research</i> , 2020 , 255-273		6
24	Application of a methodology to design a municipal waste pre-collection network in real scenarios. <i>Waste Management and Research</i> , 2020 , 38, 117-129	4	7
23	Critical paths of non-permutation and permutation flow shop scheduling problems. <i>International Journal of Industrial Engineering Computations</i> , 2020 , 281-298	1.7	3
22	Proposal and Comparative Study of Evolutionary Algorithms for Optimum Design of a Gear System. <i>IEEE Access</i> , 2020 , 8, 3482-3497	3.5	4
21	Lot Streaming Flow Shop with a Heterogeneous Machine. <i>EMJ - Engineering Management Journal</i> , 2019 , 31, 113-126	1.9	6
20	An Industry 4.0 approach to assembly line resequencing. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 105, 3619-3630	3.2	27
19	Production planning and scheduling in Cyber-Physical Production Systems: a review. <i>International Journal of Computer Integrated Manufacturing</i> , 2019 , 32, 385-395	4.3	53
18	A data-driven scheduling approach to smart manufacturing. <i>Journal of Industrial Information Integration</i> , 2019 , 15, 69-79	7	42
17	A Big Data approach to forestry harvesting productivity. <i>Computers and Electronics in Agriculture</i> , 2019 , 161, 29-52	6.5	17
16	Solving a multi-objective manufacturing cell scheduling problem with the consideration of warehouses using a simulated annealing based procedure. <i>International Journal of Industrial Engineering Computations</i> , 2019 , 1-16	1.7	5
15	Industry 4.0: Smart Scheduling. <i>International Journal of Production Research</i> , 2019 , 57, 3802-3813	7.8	148
14	Designing a Scheduling Logic Controller for Industry 4.0 Environments. <i>IFAC-PapersOnLine</i> , 2019 , 52, 2164-2169	0.7	5
13	A memetic algorithm for the integral OBP/OPP problem in a logistics distribution center. <i>Uncertain Supply Chain Management</i> , 2019 , 203-214	1.1	6
12	Scheduling research contributions to Smart manufacturing. <i>Manufacturing Letters</i> , 2018 , 15, 111-114	4.5	37
11	The Non-Permutation Flow-Shop scheduling problem: A literature review. <i>Omega</i> , 2018 , 77, 143-153	7.2	56
10	The Argentinian forest sector: opportunities and challenges in supply chain management. <i>Uncertain Supply Chain Management</i> , 2018 , 357-392	1.1	7
9	The Dominance Flow Shop Scheduling Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2018 , 69, 21-28	0.3	7

8	Strategic planning in a forest supply chain: a multigoal and multiproduct approach. <i>Canadian Journal of Forest Research</i> , 2017 , 47, 297-307	1.9	16
7	Forest management decision making based on a real options approach: An application to a case in northeastern Argentina. <i>Forestry Studies</i> , 2017 , 67, 97-108	0.4	2
6	A non-permutation flowshop scheduling problem with lot streaming: A Mathematical model. <i>International Journal of Industrial Engineering Computations</i> , 2016 , 507-516	1.7	10
5	Friction and Wear Behavior of Irradiated Polyethylene Sliding Against a Rough Steel Surface. <i>Tribology Letters</i> , 2014 , 55, 165-176	2.8	3
4	STRATEGIC ANALYSIS OF FOREST INVESTMENTS USING REAL OPTION: THE FUZZY PAY-OFF MODEL (FPOM). <i>Fuzzy Economic Review</i> , 2014 , 19,	1.5	4
3	Job shop rescheduling with rework and reconditioning in Industry 4.0: an event-driven approach. <i>International Journal of Advanced Manufacturing Technology</i> , 1	3.2	1
2	(Data-driven) knowledge representation in Industry 4.0 scheduling problems. <i>International Journal of Computer Integrated Manufacturing</i> , 1-16	4.3	1
1	Post-industrial energy audit decision-making process: an Argentine case study. <i>International Journal of Sustainable Energy</i> , 1-19	2.7	