Daniel Rossit

List of Publications by Citations

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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	Industry 4.0: Smart Scheduling. *International Journal of Production Research*, **2019**, 57, 3802-3813	7.8	148
42	The Non-Permutation Flow-Shop scheduling problem: A literature review. *Omega*, **2018**, 77, 143-153	7.2	56
41	Production planning and scheduling in Cyber-Physical Production Systems: a review. *International Journal of Computer Integrated Manufacturing*, **2019**, 32, 385-395	4.3	53
40	A data-driven scheduling approach to smart manufacturing. *Journal of Industrial Information Integration*, **2019**, 15, 69-79	7	42
39	Scheduling research contributions to Smart manufacturing. *Manufacturing Letters*, **2018**, 15, 111-114	4.5	37
38	An Industry 4.0 approach to assembly line resequencing. *International Journal of Advanced Manufacturing Technology*, **2019**, 105, 3619-3630	3.2	27
37	A Big Data approach to forestry harvesting productivity. *Computers and Electronics in Agriculture*, **2019**, 161, 29-52	6.5	17
36	Strategic planning in a forest supply chain: a multigoal and multiproduct approach. *Canadian Journal of Forest Research*, **2017**, 47, 297-307	1.9	16
35	A non-permutation flowshop scheduling problem with lot streaming: A Mathematical model. *International Journal of Industrial Engineering Computations*, **2016**, 507-516	1.7	10
34	Scheduling in cloud manufacturing systems: Recent systematic literature review. *Mathematical Biosciences and Engineering*, **2020**, 17, 7378-7397	2.1	8
33	Mass customized/personalized manufacturing in Industry 4.0 and blockchain: Research challenges, main problems, and the design of an information architecture. *Information Fusion*, **2022**, 79, 44-57	16.7	7
32	Application of a methodology to design a municipal waste pre-collection network in real scenarios. *Waste Management and Research*, **2020**, 38, 117-129	4	7
31	The Argentinian forest sector: opportunities and challenges in supply chain management. *Uncertain Supply Chain Management*, **2018**, 357-392	1.1	7
30	The Dominance Flow Shop Scheduling Problem. *Electronic Notes in Discrete Mathematics*, **2018**, 69, 21-28	0.3	7
29	Lot Streaming Flow Shop with a Heterogeneous Machine. *EMJ - Engineering Management Journal*, **2019**, 31, 113-126	1.9	6
28	The Tolerance Scheduling Problem in a Single Machine Case. *Profiles in Operations Research*, **2020**, 255-273	1	6
27	A memetic algorithm for the integral OBP/OPP problem in a logistics distribution center. *Uncertain Supply Chain Management*, **2019**, 203-214	1.1	6

26	Solving a multi-objective manufacturing cell scheduling problem with the consideration of warehouses using a simulated annealing based procedure. *International Journal of Industrial Engineering Computations*, **2019**, 1-16	1.7	5
25	Designing a Scheduling Logic Controller for Industry 4.0 Environments. *IFAC-PapersOnLine*, **2019**, 52, 2164-2169	0.7	5
24	Solving a flow shop scheduling problem with missing operations in an Industry 4.0 production environment. *Journal of Project Management*, **2021**, 33-44	0.9	5
23	STRATEGIC ANALYSIS OF FOREST INVESTMENTS USING REAL OPTION: THE FUZZY PAY-OFF MODEL (FPOM). *Fuzzy Economic Review*, **2014**, 19,	1.5	4
22	Proposal and Comparative Study of Evolutionary Algorithms for Optimum Design of a Gear System. *IEEE Access*, **2020**, 8, 3482-3497	3.5	4
21	The tolerance scheduling problem for maximum lateness in Industry 4.0 systems **2021**, 95-113		4
20	Friction and Wear Behavior of Irradiated Polyethylene Sliding Against a Rough Steel Surface. *Tribology Letters*, **2014**, 55, 165-176	2.8	3
19	Critical paths of non-permutation and permutation flow shop scheduling problems. *International Journal of Industrial Engineering Computations*, **2020**, 281-298	1.7	3
18	Forest management decision making based on a real options approach: An application to a case in northeastern Argentina. *Forestry Studies*, **2017**, 67, 97-108	0.4	2
17	A combinatorial analysis of the permutation and non-permutation flow shop scheduling problems. *European Journal of Operational Research*, **2021**, 289, 841-854	5.6	2
16	Flow Shop Scheduling Problems in Industry 4.0 Production Environments: Missing Operation Case **2021**, 1-23		1
15	Business Ecosystem Approach to Industry 4.0 **2021**, 1-22		1
14	Job shop rescheduling with rework and reconditioning in Industry 4.0: an event-driven approach. *International Journal of Advanced Manufacturing Technology*,1	3.2	1
13	(Data-driven) knowledge representation in Industry 4.0 scheduling problems. *International Journal of Computer Integrated Manufacturing*,1-16	4.3	1
12	Stochastic forestry harvest planning under soil compaction conditions. *Journal of Environmental Management*, **2021**, 296, 113157	7.9	1
11	Order picking and loading-dock arrival punctuality performance indicators for supply chain management: A case study. *Engineering Management in Production and Services*, **2022**, 14, 26-37	1.8	1
10	Objective space division-based hybrid evolutionary algorithm for handing overlapping solutions in combinatorial problems.. *Mathematical Biosciences and Engineering*, **2022**, 19, 3369-3401	2.1	0
9	One-of-a-kind Production in Cyber-Physical Production Systems Considering Machine Failures. *Journal of Integrated Design and Process Science*, **2021**, 1-20	0.4	0

| 8 | Lot streaming Permutation Flow shop with energy awareness. *International Journal of Industrial Engineering and Management*, **2021**, Volume 12, 25-36 | 1.3 | 0 |

| 7 | Explicit Multiobjective Evolutionary Algorithms for Flow Shop Scheduling with Missing Operations. *Programming and Computer Software*, **2021**, 47, 615-630 | 0.8 | 0 |

| 6 | Blockchain Production Planning in Mass Personalized Environments. *Studies in Big Data*, **2022**, 271-291 | 0.9 |

| 5 | Modelling the Dynamics of a Smart Factory **2021**, 1-23 |

| 4 | Post-industrial energy audit decision-making process: an Argentine case study. *International Journal of Sustainable Energy*,1-19 | 2.7 |

| 3 | Simultaneous Lot-Sizing and Scheduling with Recovery Options: Problem Formulation and Analysis of the Single-Product Case. *Communications in Computer and Information Science*, **2021**, 102-112 | 0.3 |

| 2 | Modelling the Dynamics of a Digital Twin. *Communications in Computer and Information Science*, **2021**, 238-252 | 0.3 |

| 1 | One-of-a-kind Production in Cyber-Physical Production Systems Considering Machine Failures. *Journal of Integrated Design and Process Science*, **2022**, 25, 100-119 | 0.4 |