

# Paolo Renna

## 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.

97  
papers

798  
citations

17  
h-index

24  
g-index

103  
ext. papers

895  
ext. citations

3.2  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
97	Peak Energy Reduction in Flow Shop including Switch-Off Policies and Battery Storage. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2448	2.6	0
96	A Decision Making Model for Order Release in an Assembly Job-Shop to Improve Business Performance and Sustainability. <i>Multiple Criteria Decision Making</i> , <b>2021</b> , 193-211	1.4	
95	Reducing energy costs and CO2 emissions by production system energy flexibility through the integration of renewable energy. <i>Production Engineering</i> , <b>2021</b> , 15, 667-681	1.9	6
94	A Job-Shop Scheduling Decision-Making Model for Sustainable Production Planning With Power Constraint. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-10	2.6	2
93	A Literature Review of Energy Efficiency and Sustainability in Manufacturing Systems. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7366	2.6	10
92	The Business Process Management Systems to Support Continuous Improvements <b>2021</b> , 1-21		
91	A Dynamic Adjusted Aggregate Load Method to Support Workload Control Policies. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3497	2.6	2
90	A dynamic decision model for energy-efficient scheduling of manufacturing system with renewable energy supply. <i>Journal of Cleaner Production</i> , <b>2020</b> , 270, 122028	10.3	10
89	Design Model of Flow Lines to Include Switch-Off Policies Reducing Energy Consumption. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1475	2.6	5
88	Peak Electricity Demand Control of Manufacturing Systems by Gale-Shapley Algorithm with Discussion on Open Innovation Engineering. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , <b>2020</b> , 6, 29	3.7	7
87	The Business Process Management Systems to Improve the Performance of Universities. <i>Advances in Higher Education and Professional Development Book Series</i> , <b>2020</b> , 56-80	0.2	
86	A game theory model based on Gale-Shapley for dual-resource constrained (DRC) flexible job shop scheduling. <i>International Journal of Industrial Engineering Computations</i> , <b>2020</b> , 173-184	1.7	5
85	Intelligent decision-making model based on minority game for resource allocation in cloud manufacturing. <i>Management Decision</i> , <b>2020</b> , 58, 2305-2325	4.4	17
84	Flexible job-shop scheduling with learning and forgetting effect by Multi-Agent System. <i>International Journal of Industrial Engineering Computations</i> , <b>2019</b> , 521-534	1.7	3
83	Workload control in dual-resource constrained high-variety shops: an assessment by simulation. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 931-947	7.8	7
82	Evaluation of improvement programmes in a job-shop context by simulation models. <i>International Journal of Services and Operations Management</i> , <b>2019</b> , 34, 241	0.4	
81	Evaluation of redundant configurations and backup stations to support fault tolerant flow line design. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 101, 825-837	3.2	3

80	Adaptive policy of buffer allocation and preventive maintenance actions in unreliable production lines. <i>Journal of Industrial Engineering International</i> , <b>2019</b> , 15, 411-421	2.6	7
79	Assessing teaching performance in higher education: a framework for continuous improvement. <i>Management Decision</i> , <b>2019</b> , 57, 461-479	4.4	13
78	Using business process management simulation to support continuous improvements in higher education management system. <i>International Journal of Management in Education</i> , <b>2018</b> , 12, 315	0.5	
77	Energy saving by switch-off policy in a pull-controlled production line. <i>Sustainable Production and Consumption</i> , <b>2018</b> , 16, 25-32	8.2	11
76	A Decision Investment Model to Design Manufacturing Systems based on a genetic algorithm and Monte-Carlo simulation. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2017</b> , 30, 590-605	4.3	13
75	Decision-making method of reconfigurable manufacturing systems—reconfiguration by a Gale-Shapley model. <i>Journal of Manufacturing Systems</i> , <b>2017</b> , 45, 149-158	9.1	17
74	Allocation improvement policies to reduce process time based on workload evaluation in job shop manufacturing systems. <i>International Journal of Industrial Engineering Computations</i> , <b>2017</b> , 373-384	1.7	4
73	Flexibility configurations and preventive maintenance impact on job-shop manufacturing systems. <i>International Journal of Industrial Engineering Computations</i> , <b>2017</b> , 481-492	1.7	1
72	Controllable processing time policy in job shop manufacturing systems: design and evaluation by simulation modelling. <i>International Journal of Services and Operations Management</i> , <b>2017</b> , 27, 366	0.4	2
71	Maintenance policy in job-shop manufacturing systems with reminder cell. <i>International Journal of Services and Operations Management</i> , <b>2016</b> , 24, 459	0.4	3
70	Supporting capacity sharing in the cloud manufacturing environment based on game theory and fuzzy logic. <i>Enterprise Information Systems</i> , <b>2016</b> , 10, 193-210	3.5	43
69	Production control policies for a multistage serial system under MTO-MTS production environment. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 83, 449-459	3.2	3
68	The Business Process Management Systems to Support Continuous Improvements. <i>Advances in Educational Marketing, Administration, and Leadership Book Series</i> , <b>2016</b> , 237-256	0.1	1
67	Dynamic pricing of excess capacity in production networks by fuzzy logic. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2016</b> , 29, 611-621	4.3	2
66	Order allocation in a multiple suppliers-manufacturers environment within a dynamic cluster. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 80, 171-182	3.2	10
65	Workload control policies under continuous order release. <i>Production Engineering</i> , <b>2015</b> , 9, 655-664	1.9	6
64	Design and reconfiguration models for dynamic cellular manufacturing to handle market changes. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 170-186	4.3	42
63	A fuzzy control system to adjust the number of cards in a CONWIP-based manufacturing system. <i>International Journal of Services and Operations Management</i> , <b>2015</b> , 20, 188	0.4	5

62	Coordination strategies to support distributed production planning in production networks. <i>European Journal of Industrial Engineering</i> , <b>2015</b> , 9, 366	1.1	3
61	Deteriorating job scheduling problem in a job-shop manufacturing system by multi-agent system. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 936-945	4.3	12
60	Design Policies in Virtual Cellular Manufacturing Systems by Multi-Domain Simulation Environment. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 718, 192-197	0.3	
59	Integrating ERP with Negotiation Tools in Supply Chain. <i>Intelligent Systems Reference Library</i> , <b>2014</b> , 101-129	0.29	
58	Pricing Policies of Excess Capacity in Make to Order Production Systems <b>2014</b> , 401-406		
57	Capacity sharing in a network of enterprises using the Gale-Shapley model. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 69, 1907-1916	3.2	19
56	Controllable processing time policies for job shop manufacturing system. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 67, 2127-2136	3.2	9
55	Capacity investment decision by Monte Carlo approach in a cooperation network. <i>International Journal of Production Research</i> , <b>2013</b> , 51, 6455-6469	7.8	9
54	Dynamic card control strategy in pull manufacturing systems. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2013</b> , 26, 881-894	4.3	18
53	Evaluating service quality dimensions as antecedents to outpatient satisfaction using back propagation neural network. <i>Health Care Management Science</i> , <b>2013</b> , 16, 37-44	4	35
52	Decision model to support the SMEs decision to participate or leave a collaborative network. <i>International Journal of Production Research</i> , <b>2013</b> , 51, 1973-1983	7.8	19
51	Virtual job shop approach based on reconfigurable machines. <i>International Journal of Services and Operations Management</i> , <b>2013</b> , 14, 445	0.4	3
50	Production and Manufacturing System Management. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2013</b> ,	0.5	3
49	Learning Methodologies to Support E-Business in the Automated Negotiation Process. <i>Advances in Computational Intelligence and Robotics Book Series</i> , <b>2013</b> , 37-58	0.4	
48	Distributed Production Planning Models in Production Networks. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2013</b> , 175-199	0.5	
47	Order Release Strategies for Customer Order Scheduling Problems in Dynamic Environments <b>2013</b> , 1-21		
46	A Review of Research of Coordination Approaches in Distributed Production Systems. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2013</b> , 93-112	0.5	
45	Influence of maintenance policies on multi-stage manufacturing systems in dynamic conditions. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 345-357	7.8	24

44	Capacity investment decision in co-opetitive network by information sharing. <i>Computers and Industrial Engineering</i> , <b>2012</b> , 62, 359-367	6.4	12
43	Simulation-based tool to analyse the effect of order acceptance policy in a make-to-order manufacturing system. <i>International Journal of Services and Operations Management</i> , <b>2012</b> , 11, 70	0.4	5
42	Negotiation Protocol Based on Budget Approach for Adaptive Manufacturing Scheduling <b>2012</b> , 35-58		
41	Loading policies in cellular manufacturing systems with remainder cell. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2011</b> , 24, 661-675	4.3	7
40	Business-to-Business E-Marketplaces: A Literature Overview and Motivations <b>2011</b> , 1-30		
39	Evaluation of cellular manufacturing configurations in dynamic conditions using simulation. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2011</b> , 56, 1235-1251	3.2	9
38	Capacity sharing in a network of independent factories: A cooperative game theory approach. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2011</b> , 27, 405-417	9.2	28
37	Multi-agent based scheduling in manufacturing cells in a dynamic environment. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 1285-1301	7.8	36
36	Innovative Tools for Business Coalitions in B2B Applications <b>2011</b> ,		3
35	Simulation Environment <b>2011</b> , 99-115		
34	Models for Coalition Management <b>2011</b> , 83-98		
33	Bargaining Models in E-Marketplaces <b>2011</b> , 65-82		
32	Dynamic Co-opetitive Network Organization Supported by Multi Agent Architecture <b>2011</b> , 165-183		
31	Multi-Agent Architecture <b>2011</b> , 31-47		
30	Simulation Results <b>2011</b> , 117-141		
29	Game Theory: An Overview <b>2011</b> , 49-63		
28	Job shop scheduling by pheromone approach in a dynamic environment. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2010</b> , 23, 412-424	4.3	29
27	Capacity reconfiguration management in reconfigurable manufacturing systems. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 46, 395-404	3.2	28

26	A game theoretic coordination for trading capacity in multisite factory environment. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 47, 1241-1252	3.2	17
25	Production planning, negotiation and coalition integration: A new tool for an innovative e-business model. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2010</b> , 26, 1-12	9.2	21
24	Production planning and automated negotiation for SMEs: An agent based e-procurement application. <i>International Journal of Production Economics</i> , <b>2010</b> , 127, 73-84	9.3	30
23	Negotiation policies and coalition tools in e-marketplace environment. <i>Computers and Industrial Engineering</i> , <b>2010</b> , 59, 619-629	6.4	17
22	A Performance Comparison between Efficiency and Pheromone Approaches in Dynamic Manufacturing Scheduling <b>2010</b> , 273-298		3
21	The Holonic Production System: A Multi Agent Simulation Approach. <i>IBusiness</i> , <b>2010</b> , 02, 201-209	0.3	3
20	Cooperative Inter-Municipal Waste Collection <b>2010</b> , 236-252		
19	A multi-agent system architecture for business-to-business applications. <i>International Journal of Services and Operations Management</i> , <b>2009</b> , 5, 375	0.4	10
18	Workload Assignment in Production Networks by Multi Agent Architecture. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 243-277	0.8	
17	High Level Planning of Reconfigurable Enterprises: a Game Theoretic Approach. <i>CIRP Annals - Manufacturing Technology</i> , <b>2006</b> , 55, 509-512	4.9	18
16	Production planning in reconfigurable enterprises and reconfigurable production systems. <i>CIRP Annals - Manufacturing Technology</i> , <b>2005</b> , 54, 433-436	4.9	44
15	Reconfiguration: a key to handle exceptions and performance deteriorations in manufacturing operations. <i>International Journal of Production Research</i> , <b>2005</b> , 43, 4125-4145	7.8	25
14	Implementation, Numerical Examples and Tests <b>2005</b> , 143-169		
13	Coordination policies to support decision making in distributed production planning. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2003</b> , 19, 521-531	9.2	26
12	Performance Comparison of Cellular Manufacturing Configurations in Different Demand Profiles 522-538		
11	Capacity Sharing Issue in an Electronic Co-Opetitive Network 1153-1179		
10	Negotiation Protocol Based on Budget Approach for Adaptive Manufacturing Scheduling 1517-1538		
9	E-Procurement Process 118-138		

8	Capacity Sharing Issue in an Electronic Co-Opetitive Network. <i>Advances in Business Information Systems and Analytics Book Series</i> ,291-318	0.4	
7	E-Procurement Process90-112		
6	Performance Comparison of Cellular Manufacturing Configurations in Different Demand Profiles. <i>Advances in Logistics, Operations, and Management Science Book Series</i> ,366-384	0.3	
5	A Multi-Agent Approach to Allocate Orders to Distribution Centres in a Highly Dynamic Environment285-305		
4	Negotiation Policies for E-Procurement by Multi Agent Systems164-189		2
3	A Continuous Improvement and Monitoring Performance System: Monitor - Analysis - Action □ Review (MAAR) Charts. <i>IBIMA Business Review</i> ,1-15		4
2	Switch off policies in job-shop manufacturing systems including workload evaluation. <i>International Journal of Management Science and Engineering Management</i> ,1-10	2.8	3
1	Capacity and resource allocation in flexible production networks by a game theory model. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	0