

# Paolo Renna

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7330719/paolo-renna-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Production planning in reconfigurable enterprises and reconfigurable production systems. <i>CIRP Annals - Manufacturing Technology</i> , <b>2005</b> , 54, 433-436	4.9	44
96	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
95	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
94	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
93	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
92	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
91	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
90	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
89	Capacity reconfiguration management in reconfigurable manufacturing systems. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 46, 395-404	3.2	28
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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

80	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
79	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
78	Negotiation policies and coalition tools in e-marketplace environment. <i>Computers and Industrial Engineering</i> , <b>2010</b> , 59, 619-629	6.4	17
77	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
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	Assessing teaching performance in higher education: a framework for continuous improvement. <i>Management Decision</i> , <b>2019</b> , 57, 461-479	4.4	13
74	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
73	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
72	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
71	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
70	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
69	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
68	A Literature Review of Energy Efficiency and Sustainability in Manufacturing Systems. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7366	2.6	10
67	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
66	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
65	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
64	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
63	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

62	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
61	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
60	Workload control policies under continuous order release. <i>Production Engineering</i> , <b>2015</b> , 9, 655-664	1.9	6
59	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
58	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
57	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
56	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
55	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
54	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
53	A Continuous Improvement and Monitoring Performance System: Monitor - Analysis - Action □ Review (MAAR) Charts. <i>IBIMA Business Review</i> , 1-15		4
52	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
51	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
50	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
49	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
48	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
47	Innovative Tools for Business Coalitions in B2B Applications <b>2011</b> ,		3
46	Production and Manufacturing System Management. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2013</b> ,	0.5	3
45	A Performance Comparison between Efficiency and Pheromone Approaches in Dynamic Manufacturing Scheduling <b>2010</b> , 273-298		3

44	The Holonic Production System: A Multi Agent Simulation Approach. <i>IBusiness</i> , <b>2010</b> , 02, 201-209	0.3	3
43	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
42	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
41	A Dynamic Adjusted Aggregate Load Method to Support Workload Control Policies. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3497	2.6	2
40	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
39	Negotiation Policies for E-Procurement by Multi Agent Systems164-189		2
38	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
37	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
36	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
35	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
34	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
33	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
32	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	
31	Business-to-Business E-Marketplaces: A Literature Overview and Motivations <b>2011</b> , 1-30		
30	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	
29	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	
28	Performance Comparison of Cellular Manufacturing Configurations in Different Demand Profiles522-538		
27	Capacity Sharing Issue in an Electronic Co-Opetitive Network1153-1179		

- 26 Negotiation Protocol Based on Budget Approach for Adaptive Manufacturing Scheduling 1517-1538
- 25 E-Procurement Process 118-138
- 24 Capacity Sharing Issue in an Electronic Co-Opetitive Network. *Advances in Business Information Systems and Analytics Book Series*, 291-318 0.4
- 23 E-Procurement Process 90-112
- 22 Performance Comparison of Cellular Manufacturing Configurations in Different Demand Profiles. *Advances in Logistics, Operations, and Management Science Book Series*, 366-384 0.3
- 21 A Multi-Agent Approach to Allocate Orders to Distribution Centres in a Highly Dynamic Environment 285-305
- 20 Workload Assignment in Production Networks by Multi Agent Architecture. *Studies in Computational Intelligence*, 2009, 243-277 0.8
- 19 Cooperative Inter-Municipal Waste Collection 2010, 236-252
- 18 Simulation Environment 2011, 99-115
- 17 Models for Coalition Management 2011, 83-98
- 16 Bargaining Models in E-Marketplaces 2011, 65-82
- 15 Dynamic Co-opetitive Network Organization Supported by Multi Agent Architecture 2011, 165-183
- 14 Multi-Agent Architecture 2011, 31-47
- 13 Simulation Results 2011, 117-141
- 12 Game Theory: An Overview 2011, 49-63
- 11 Negotiation Protocol Based on Budget Approach for Adaptive Manufacturing Scheduling 2012, 35-58
- 10 Learning Methodologies to Support E-Business in the Automated Negotiation Process. *Advances in Computational Intelligence and Robotics Book Series*, 2013, 37-58 0.4
- 9 Distributed Production Planning Models in Production Networks. *Advances in Civil and Industrial Engineering Book Series*, 2013, 175-199 0.5

- 8 Order Release Strategies for Customer Order Scheduling Problems in Dynamic Environments **2013**, 1-21
- 7 A Review of Research of Coordination Approaches in Distributed Production Systems. *Advances in Civil and Industrial Engineering Book Series*, **2013**, 93-112 0.5
- 6 Integrating ERP with Negotiation Tools in Supply Chain. *Intelligent Systems Reference Library*, **2014**, 101-129
- 5 Pricing Policies of Excess Capacity in Make to Order Production Systems **2014**, 401-406
- 4 Evaluation of improvement programmes in a job-shop context by simulation models. *International Journal of Services and Operations Management*, **2019**, 34, 241 0.4
- 3 Using business process management simulation to support continuous improvements in higher education management system. *International Journal of Management in Education*, **2018**, 12, 315 0.5
- 2 The Business Process Management Systems to Support Continuous Improvements **2021**, 1-21
- 1 Implementation, Numerical Examples and Tests **2005**, 143-169