

# Roberto Montanari

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,958  
citations

304743

22  
h-index

254184

43  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1666  
citing authors

#	ARTICLE	IF	CITATIONS
1	The vehicle routing problem in the dairy sector: a case study. <i>International Journal of Food Engineering</i> , 2022, 18, 239-252.	1.5	2
2	Environmental benefits of pet food obtained as a result of the valorisation of meat fraction derived from packaged food waste. <i>Waste Management</i> , 2021, 125, 132-144.	7.4	11
3	A Constructive Methodology to Solving the Capacitated Newsvendor Problem: an Approximate Approach. <i>SN Operations Research Forum</i> , 2020, 1, 1.	1.0	0
4	Economic and environmental assessment of different reverse logistics scenarios for food waste recovery. <i>Sustainable Production and Consumption</i> , 2019, 20, 289-303.	11.0	41
5	Design and optimization of order picking systems: An integrated procedure and two case studies. <i>Computers and Industrial Engineering</i> , 2019, 137, 106035.	6.3	18
6	Development and testing of software tool for warehouse design and picking optimisation. <i>International Journal of Management and Decision Making</i> , 2019, 18, 119.	0.1	6
7	A routing and location model for food waste recovery in the retail and distribution phase. <i>International Journal of Logistics Research and Applications</i> , 2018, 21, 557-578.	8.8	9
8	Environmental impact of a new industrial process for the recovery and valorisation of packaging materials derived from packaged food waste. <i>Sustainable Production and Consumption</i> , 2018, 14, 105-121.	11.0	25
9	CFD Simulation of a Co-rotating Twin-screw Extruder: Validation of a Rheological Model for a Starch-Based Dough for Snack Food. <i>International Journal of Food Engineering</i> , 2018, 14, .	1.5	6
10	An adapted ant colony optimization algorithm for the minimization of the travel distance of pickers in manual warehouses. <i>European Journal of Operational Research</i> , 2018, 267, 120-137.	5.7	77
11	A model for the analysis of procurement strategies in the economic order interval environment. <i>Mathematics and Computers in Simulation</i> , 2017, 134, 79-98.	4.4	4
12	Inventory management in the presence of inventory inaccuracies: an economic analysis by discrete-event simulation. <i>International Journal of Supply Chain and Inventory Management</i> , 2017, 2, 39.	0.1	1
13	An analytic model to investigate the demand propagation in EOI supply networks. <i>International Journal of Simulation and Process Modelling</i> , 2017, 12, 124.	0.2	0
14	Analysis, Simulation and Optimization of the Milking Process in a Cowshed for the Production of Parmigiano Reggiano. <i>International Journal of Food Engineering</i> , 2016, 12, 851-865.	1.5	3
15	Life Cycle Assessment of a New Feed Production Obtained by Wasted Flour Food Collected from the Distribution and Retail Phases. <i>International Journal of Food Engineering</i> , 2016, 12, 807-825.	1.5	8
16	A fuzzy lot-sizing problem with two-stage composite human learning. <i>International Journal of Production Research</i> , 2016, 54, 5010-5025.	7.5	23
17	Improving sales turnover in fashion retailing by means of an RFID-based replenishment policy. <i>International Journal of RF Technologies: Research and Applications</i> , 2016, 7, 65-86.	0.7	11
18	Temperature Analysis of the Water Supply System of a Dairy Company by Means of a Simulation Model. <i>International Journal of Food Engineering</i> , 2015, 11, 731-745.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Special Section "Selected papers from the workshop on Modeling and Simulation of Food Processing and Operations of the MAS 2014 conference (Bordeaux, September 10-12, 2014)" International Journal of Food Engineering, 2015, 11, 713-714.	1.5	0
20	An integrated approach for demand forecasting and inventory management optimisation of spare parts. International Journal of Simulation and Process Modelling, 2015, 10, 233.	0.2	5
21	Improving the efficiency of public administrations through business process reengineering and simulation. Business Process Management Journal, 2015, 21, 419-462.	4.2	41
22	Modeling and multi-objective optimization of closed loop supply chains: A case study. Computers and Industrial Engineering, 2015, 87, 328-342.	6.3	43
23	Investigating the demand propagation in EOQ supply networks using a probabilistic model. International Journal of Production Research, 2015, 53, 1307-1324.	7.5	5
24	Intelligent Algorithms for Warehouse Management. Intelligent Systems Reference Library, 2015, , 645-667.	1.2	13
25	An empirical study on the relationships between maintenance policies and approaches among Italian companies. Journal of Quality in Maintenance Engineering, 2014, 20, 135-162.	1.7	12
26	Performance Analysis of the Water Supply System of a Dairy Company by Means of an Advanced Simulation Tool. International Journal of Food Engineering, 2014, 10, 557-571.	1.5	11
27	Special section "Selected Papers from the Workshop on Modeling and Simulation of Food Processing and Operations" of the MAS 2013 Conference (Athens, September 25-27, 2013) International Journal of Food Engineering, 2014, 10, 543-544.	1.5	0
28	Analysis and optimisation of inventory management policies for perishable food products: a simulation study. International Journal of Simulation and Process Modelling, 2014, 9, 16.	0.2	18
29	Advanced design of the pasta drying process with simulation tools. International Journal of Simulation and Process Modelling, 2013, 8, 104.	0.2	1
30	Advanced Design of Industrial Mixers for Fluid Foods Using Computational Fluid Dynamics. International Journal of Food Engineering, 2013, 9, 309-325.	1.5	3
31	Special Issue "Selected Papers from the Workshop on Modelling and Simulation of Food Processing and Operations" of the MAS 2012 Conference (Wien, September 19-21, 2012) International Journal of Food Engineering, 2013, 9, 239-240.	1.5	0
32	RFID and real time localization systems for warehouse management: A model for technical and economic evaluation. International Journal of RF Technologies: Research and Applications, 2013, 4, 209-245.	0.7	7
33	The impact of (S,s) policy on supply network performance: a simulation study. International Journal of Business Performance and Supply Chain Modelling, 2012, 4, 164.	0.3	9
34	SIMULATION, ANALYSIS AND OPTIMIZATION OF CONTAINER TERMINALS PROCESSES. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 03, 1240006.	1.4	11
35	Optimisation of storage allocation in order picking operations through a genetic algorithm. International Journal of Logistics Research and Applications, 2012, 15, 127-146.	8.8	58
36	Reverse Logistics: a stochastic EOQ-based inventory control model for mixed manufacturing/remanufacturing systems with return policies. International Journal of Production Research, 2012, 50, 1243-1264.	7.5	60

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37	Performances of RFID, acousto-magnetic and radio frequency technologies for electronic article surveillance in the apparel industry in Europe: A quantitative study. <i>International Journal of RF Technologies: Research and Applications</i> , 2012, 3, 137-158.	0.7	8
38	Analysis of the requirements of RFID tags for efficient fashion supply chain management. <i>International Journal of RF Technologies: Research and Applications</i> , 2012, 3, 39-65.	0.7	12
39	A quantitative evaluation of the impact of the RFID technology on shelf availability. <i>International Journal of RF Technologies: Research and Applications</i> , 2012, 3, 159-180.	0.7	14
40	A Survey on Packaging Materials and Technologies for Commercial Food Products. <i>International Journal of Food Engineering</i> , 2011, 7, .	1.5	12
41	Design and performance evaluation of supply networks: a simulation study. <i>International Journal of Business Performance and Supply Chain Modelling</i> , 2011, 3, 226.	0.3	15
42	Impiego della tecnologia RFID per il monitoraggio delle vendite. <i>Food</i> , 2011, , 187-216.	0.0	0
43	L'impatto della tecnologia RFID nella gestione dei processi di supply chain. <i>Food</i> , 2011, , 89-110.	0.0	0
44	The impact of RFID and EPC network on the bullwhip effect in the Italian FMCG supply chain. <i>International Journal of Production Economics</i> , 2010, 124, 426-432.	8.9	93
45	Supply chain design and cost analysis through simulation. <i>International Journal of Production Research</i> , 2010, 48, 2859-2886.	7.5	94
46	The impact of RFID technology on logistics processes of the fashion industry supply chain. <i>International Journal of RF Technologies: Research and Applications</i> , 2009, 1, 225-252.	0.7	46
47	RFID-enabled business intelligence modules for supply chain optimisation. <i>International Journal of RF Technologies: Research and Applications</i> , 2009, 1, 253-278.	0.7	20
48	The impact of RFID technology and EPC system on stockout of promotional items. <i>International Journal of RF Technologies: Research and Applications</i> , 2009, 1, 6-22.	0.7	18
49	Solar thermal systems: Advantages in domestic integration. <i>Renewable Energy</i> , 2008, 33, 1364-1373.	8.9	14
50	The capacitated newsboy problem with random yield: The Gardener Problem. <i>International Journal of Production Economics</i> , 2008, 115, 113-127.	8.9	31
51	Cold chain tracking: a managerial perspective. <i>Trends in Food Science and Technology</i> , 2008, 19, 425-431.	15.1	138
52	A finite-difference method for the prediction of velocity field in extrusion process. <i>Journal of Food Engineering</i> , 2007, 83, 84-92.	5.2	6
53	Seasoning process design optimization for an ascending flow ripening chamber. <i>Journal of Food Engineering</i> , 2006, 77, 529-538.	5.2	2
54	Failure rate prediction with artificial neural networks. <i>Journal of Quality in Maintenance Engineering</i> , 2005, 11, 279-294.	1.7	20

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55	Simulation of the thermodynamic patterns in an ascending flow ripening chamber. <i>Journal of Food Engineering</i> , 2005, 68, 113-123.	5.2	7
56	An analysis of the multi-product newsboy problem with a budget constraint. <i>International Journal of Production Economics</i> , 2005, 97, 296-307.	8.9	74
57	On the multi-product newsboy problem with two constraints. <i>Computers and Operations Research</i> , 2005, 32, 2095-2116.	4.0	40
58	Environmental efficiency analysis for enel thermo-power plants. <i>Journal of Cleaner Production</i> , 2004, 12, 403-414.	9.3	38
59	Exact, approximate, and generic iterative models for the multi-product Newsboy problem with budget constraint. <i>International Journal of Production Economics</i> , 2004, 91, 189-198.	8.9	74
60	Multi-attribute classification method for spare parts inventory management. <i>Journal of Quality in Maintenance Engineering</i> , 2004, 10, 55-65.	1.7	136
61	Criteria for the economic planning of a low power hydroelectric plant. <i>Renewable Energy</i> , 2003, 28, 2129-2145.	8.9	32
62	The classification and regression tree approach to pump failure rate analysis. <i>Reliability Engineering and System Safety</i> , 2003, 79, 59-67.	8.9	62
63	Fuzzy logic controller in a packaging plant. <i>Packaging Technology and Science</i> , 2003, 16, 21-35.	2.8	3
64	Fuzzy TOPSIS approach for failure mode, effects and criticality analysis. <i>Quality and Reliability Engineering International</i> , 2003, 19, 425-443.	2.3	268
65	Fuzzy criticality assessment model for failure modes and effects analysis. <i>International Journal of Quality and Reliability Management</i> , 2003, 20, 503-524.	2.0	134