

Simone Zanoni

List of Publications by Year in descending order

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92
papers

3,047
citations

126907

33
h-index

175258

52
g-index

95
all docs

95
docs citations

95
times ranked

2070
citing authors

#	ARTICLE	IF	CITATIONS
1	Using smart lighting systems to reduce energy costs in warehouses: A simulation study. <i>International Journal of Logistics Research and Applications</i> , 2023, 26, 77-95.	8.8	11
2	The ICCEE Toolbox. A Holistic Instrument Supporting Energy Efficiency of Cold Food and Beverage Supply Chains. <i>Environmental and Climate Technologies</i> , 2022, 26, 428-440.	1.4	3
3	Environmental impacts of foods refrigeration. , 2021, , 239-259.		2
4	Review of Propulsion System Design Strategies for Unmanned Aerial Vehicles. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5209.	2.5	17
5	Blockchain Potential for Supply Chain Reconfiguration in Post COVID-19 Era. , 2021, , .		0
6	Energy savings in reheating furnaces through process modelling. <i>Procedia Manufacturing</i> , 2020, 42, 205-210.	1.9	11
7	Energy Implications of Lot Sizing Decisions in Refrigerated Warehouses. <i>Energies</i> , 2020, 13, 1739.	3.1	11
8	Improving Supply Chain Profit through Reverse Factoring: A New Multi-Suppliers Single-Vendor Joint Economic Lot Size Model. <i>International Journal of Financial Studies</i> , 2020, 8, 23.	2.3	8
9	Joint economic lot size models with warehouse financing and financial contracts for hedging stocks under different coordination policies. <i>Journal of Business Economics</i> , 2020, 90, 1147-1169.	1.9	4
10	Effect of Demand Tariff Schemes in Presence of Distributed Photovoltaic Generation and Electrical Energy Storage. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 201-215.	0.6	2
11	Energy Efficiency Investments in Industry with Uncertain Demand Rate: Effects on the Specific Energy Consumption. <i>Energies</i> , 2020, 13, 161.	3.1	2
12	Supply chain models with greenhouse gases emissions, energy usage, imperfect process under different coordination decisions. <i>International Journal of Production Economics</i> , 2019, 211, 145-153.	8.9	87
13	Learning-by-doing may not be enough to sustain competitiveness in a market. <i>Applied Mathematical Modelling</i> , 2019, 75, 627-639.	4.2	6
14	Energy considerations for the economic production quantity and the joint economic lot sizing. <i>Journal of Business Economics</i> , 2019, 89, 845-865.	1.9	11
15	Economic production quantity model with learning in production, quality, reliability and energy efficiency. <i>Computers and Industrial Engineering</i> , 2019, 129, 502-511.	6.3	43
16	Supply chain implications of additive manufacturing: a holistic synopsis through a collection of case studies. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 3325-3340.	3.0	33
17	Inventory models for maturing and ageing items: cheese and wine storage. <i>International Journal of Logistics Systems and Management</i> , 2019, 34, 233.	0.2	1
18	Multi-Period Newsvendor Problem for the Management of Battery Energy Storage Systems in Support of Distributed Generation. <i>Energies</i> , 2019, 12, 4598.	3.1	5

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19	Eco-efficient cold chain networks design. International Journal of Sustainable Engineering, 2019, 12, 349-364.	3.5	11
20	Additive manufacturing impacts on a two-level supply chain. International Journal of Systems Science: Operations and Logistics, 2019, 6, 1-14.	3.0	8
21	Inventory models for maturing and ageing items: cheese and wine storage. International Journal of Logistics Systems and Management, 2019, 34, 233.	0.2	1
22	Economic order quantity models for items with imperfect quality and emission considerations. International Journal of Systems Science: Operations and Logistics, 2018, 5, 99-115.	3.0	61
23	Environmental impacts of cold chain distribution operations: a novel portable refrigerated unit. International Journal of Logistics Systems and Management, 2018, 31, 267.	0.2	5
24	Green supply chain with learning in production and environmental investments. IFAC-PapersOnLine, 2018, 51, 1738-1743.	0.9	12
25	Industrial Symbiosis for Greener Horticulture Practices: The CO ₂ Enrichment from Energy Intensive Industrial Processes. Procedia CIRP, 2018, 69, 562-567.	1.9	15
26	A Learning Curve with Improvement in Process Quality. IFAC-PapersOnLine, 2018, 51, 681-685.	0.9	1
27	Stimulating Investments in Energy Efficiency Through Supply Chain Integration. Energies, 2018, 11, 858.	3.1	41
28	Environmental impacts of cold chain distribution operations: a novel portable refrigerated unit. International Journal of Logistics Systems and Management, 2018, 31, 267.	0.2	1
29	Setting up a serious game for major incident in industrial plants management: investigation of the learning effect. International Journal of Simulation and Process Modelling, 2018, 13, 364.	0.2	1
30	A joint economic lot size model with third-party processing. Computers and Industrial Engineering, 2017, 106, 222-235.	6.3	8
31	Symbiosis between industrial systems, utilities and public service facilities for boosting energy and resource efficiency. Energy Procedia, 2017, 128, 544-550.	1.8	26
32	An Integrated Supply Chain Model with Excess Heat Recovery. IFIP Advances in Information and Communication Technology, 2017, , 479-487.	0.7	1
33	An EOQ model with partial backordering with regard to random yield: two strategies to improve mean and variance of the yield. Computers and Industrial Engineering, 2017, 112, 379-390.	6.3	12
34	Impact of Merging Components by Additive Manufacturing in Spare Parts Management. Procedia Manufacturing, 2017, 11, 610-618.	1.9	17
35	Life Cycle Cost Analysis for BESS Optimal Sizing. Energy Procedia, 2017, 113, 127-134.	1.8	44
36	Comparing different coordination scenarios in a three-level supply chain system. International Journal of Production Research, 2017, 55, 4068-4088.	7.5	19

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37	Carbon emissions and energy effects on a two-level manufacturer-retailer closed-loop supply chain model with remanufacturing subject to different coordination mechanisms. <i>International Journal of Production Economics</i> , 2017, 183, 394-408.	8.9	174
38	Supply Chain Management for Improved Energy Efficiency: Review and Opportunities. <i>Energies</i> , 2017, 10, 1618.	3.1	96
39	Supply chain network design under uncertain demand: robust and stable optimisation approaches. <i>International Journal of Inventory Research</i> , 2017, 4, 172.	0.3	1
40	Supply chain network design under uncertain demand: robust and stable optimisation approaches. <i>International Journal of Inventory Research</i> , 2017, 4, 172.	0.3	0
41	Respirometric index as a tool for biogas generation production from poultry manure. <i>Management of Environmental Quality</i> , 2016, 27, 269-280.	4.3	6
42	A joint economic lot size model with financial collaboration and uncertain investment opportunity. <i>International Journal of Production Economics</i> , 2016, 176, 170-182.	8.9	53
43	Additive Manufacturing Impacts on Productions and Logistics Systems. <i>IFAC-PapersOnLine</i> , 2016, 49, 1679-1684.	0.9	34
44	Product-service System for Sustainable EAF Transformers: Real Operation Conditions and Maintenance Impacts on the Life-cycle Cost. <i>Procedia CIRP</i> , 2016, 47, 72-77.	1.9	14
45	Energy Efficient EAF Transformer – A Holistic Life Cycle Cost Approach. <i>Procedia CIRP</i> , 2016, 48, 319-324.	1.9	6
46	Additive Manufacturing Applications in the Domain of Product Service System: An Empirical Overview. <i>Procedia CIRP</i> , 2016, 47, 543-548.	1.9	13
47	The consignment stock case for a vendor and a buyer with delay-in-payments. <i>Computers and Industrial Engineering</i> , 2016, 98, 333-349.	6.3	20
48	Dual-channel supply chain: A strategy to maximize profit. <i>Applied Mathematical Modelling</i> , 2016, 40, 9454-9473.	4.2	109
49	A review of mathematical inventory models for reverse logistics and the future of its modeling: An environmental perspective. <i>Applied Mathematical Modelling</i> , 2016, 40, 4151-4178.	4.2	121
50	Vendor managed inventory with consignment stock agreement for a supply chain with defective items. <i>Applied Mathematical Modelling</i> , 2016, 40, 7102-7114.	4.2	50
51	Payment schemes for a two-level consignment stock supply chain system. <i>Computers and Industrial Engineering</i> , 2015, 87, 491-505.	6.3	22
52	A two-level supply chain with consignment stock agreement and stock-dependent demand. <i>International Journal of Production Research</i> , 2015, 53, 3561-3572.	7.5	33
53	Energy demand in production systems: A Queuing Theory perspective. <i>International Journal of Production Economics</i> , 2015, 170, 393-400.	8.9	23
54	Supply chain models with greenhouse gases emissions, energy usage and different coordination decisions. <i>Applied Mathematical Modelling</i> , 2015, 39, 5131-5151.	4.2	147

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55	An Economic Insight into Additive Manufacturing System Implementation. IFIP Advances in Information and Communication Technology, 2015, , 146-155.	0.7	2
56	Integrated Energy Value Analysis: A New Approach. IFIP Advances in Information and Communication Technology, 2015, , 670-679.	0.7	3
57	Investments in Energy Efficiency with Variable Demand: SECâ€™s Shifting or Flattening?. IFIP Advances in Information and Communication Technology, 2015, , 705-714.	0.7	1
58	A consignment stock coordination scheme for the production, remanufacturing and waste disposal problem. International Journal of Production Research, 2014, 52, 50-65.	7.5	45
59	'Consignment stock' for a two-level supply chain with entropy cost. European Journal of Industrial Engineering, 2014, 8, 244.	0.8	12
60	A joint economic lot size model with price and environmentally sensitive demand. Production and Manufacturing Research, 2014, 2, 341-354.	1.5	53
61	Energy implications in a two-stage production system with controllable production rates. International Journal of Production Economics, 2014, 149, 164-171.	8.9	56
62	Vendor Managed Inventory (VMI) with Consignment Stock (CS) agreement for a two-level supply chain with an imperfect production process with/without restoration interruptions. International Journal of Production Economics, 2014, 157, 289-301.	8.9	50
63	Vendor-managed inventory with consignment stock agreement for single vendorâ€™single buyer under the emission-trading scheme. International Journal of Production Research, 2014, 52, 20-31.	7.5	107
64	Economic order quantity models for imperfect items with buy and repair options. International Journal of Production Economics, 2014, 155, 126-131.	8.9	83
65	Optimal Sizing of Energy Storage Systems for Industrial Production Plants. Lecture Notes in Computer Science, 2014, , 342-350.	1.3	1
66	An entropic economic order quantity (EnEOQ) for items with imperfect quality. Applied Mathematical Modelling, 2013, 37, 3982-3992.	4.2	34
67	Closed-loop supply chain system with energy, transportation and waste disposal costs. International Journal of Sustainable Engineering, 2013, 6, 352-358.	3.5	17
68	Energy Implications in the Single-Vendor Single-Buyer Integrated Production Inventory Model. IFIP Advances in Information and Communication Technology, 2013, , 57-64.	0.7	4
69	A Queuing Approach for Energy Supply in Manufacturing Facilities. IFIP Advances in Information and Communication Technology, 2013, , 243-248.	0.7	2
70	Long Term Analysis of Energy Payback Time for PV Systems. IFIP Advances in Information and Communication Technology, 2013, , 395-401.	0.7	2
71	Chilled or frozen? Decision strategies for sustainable food supply chains. International Journal of Production Economics, 2012, 140, 731-736.	8.9	151
72	Vendor managed inventory (VMI) with consignment considering learning and forgetting effects. International Journal of Production Economics, 2012, 140, 721-730.	8.9	77

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73	Multi-product economic lot scheduling problem with manufacturing and remanufacturing using a basic period policy. <i>Computers and Industrial Engineering</i> , 2012, 62, 1025-1033.	6.3	45
74	Energy Implications of Production Planning Decisions. <i>International Federation for Information Processing</i> , 2012, , 9-17.	0.4	2
75	Application of the newsvendor model with re-ordering opportunity in two-echelon supply chains. <i>International Journal of Integrated Supply Management</i> , 2011, 6, 270.	0.3	3
76	Eco-efficiency in logistics: a case study on distribution network design. <i>International Journal of Sustainable Engineering</i> , 2011, 4, 115-126.	3.5	13
77	On how buyback and remanufacturing strategies affect the profitability of spare parts supply chains. <i>International Journal of Production Economics</i> , 2011, 133, 135-142.	8.9	35
78	A one-vendor multi-buyer integrated production-inventory model: The "Consignment Stock" case. <i>International Journal of Production Economics</i> , 2009, 118, 225-232.	8.9	163
79	Combining make-to-order and make-to-stock inventory policies: an empirical application to a manufacturing SME. <i>Production Planning and Control</i> , 2009, 20, 559-575.	8.8	25
80	Single-vendor single-buyer with integrated transport-inventory system: Models and heuristics in the case of perishable goods. <i>Computers and Industrial Engineering</i> , 2007, 52, 107-123.	6.3	53
81	Planned lead time determination in a make-to-order remanufacturing system. <i>International Journal of Production Economics</i> , 2007, 108, 426-435.	8.9	55
82	Greening the aluminium supply chain. <i>International Journal of Production Economics</i> , 2007, 108, 236-245.	8.9	125
83	A Stochastic Single-vendor Single-buyer Model under a Consignment Agreement. , 2007, , 321-328.		3
84	Cost performance and bullwhip effect in a hybrid manufacturing and remanufacturing system with different control policies. <i>International Journal of Production Research</i> , 2006, 44, 3847-3862.	7.5	61
85	Production"inventory scheduling using Ant System metaheuristic. <i>International Journal of Production Economics</i> , 2006, 104, 317-326.	8.9	29
86	Model and analysis of integrated production"inventory system: The case of steel production. <i>International Journal of Production Economics</i> , 2005, 93-94, 197-205.	8.9	37
87	Layout design in dynamic environments: analytical issues. <i>International Transactions in Operational Research</i> , 2005, 12, 1-19.	2.7	23
88	Robust versus stable layout design in stochastic environments. <i>Production Planning and Control</i> , 2005, 16, 71-80.	8.8	5
89	Economic evaluation of disassembly processes in remanufacturing systems. <i>International Journal of Production Research</i> , 2004, 42, 3603-3617.	7.5	34
90	A note on an industrial strategy for stock management in supply chains: modelling and performance evaluation. <i>International Journal of Production Research</i> , 2004, 42, 4421-4426.	7.5	67

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91	Layout design in dynamic environments: Strategies and quantitative indices. International Journal of Production Research, 2003, 41, 995-1016.	7.5	54
92	Measuring and benchmarking productive systems performances using DEA: an industrial case. Production Planning and Control, 2003, 14, 542-554.	8.8	22