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	Carbon emissions and energy effects on a two-level manufacturer-retailer closed-loop supply chain model with remanufacturing subject to different coordination mechanisms. International Journal of Production Economics, 2017, 183, 394-408.	8.9	174
2	A one-vendor multi-buyer integrated production-inventory model: The â€˜Consignment Stockâ€™ case. International Journal of Production Economics, 2009, 118, 225-232.	8.9	163
3	Chilled or frozen? Decision strategies for sustainable food supply chains. International Journal of Production Economics, 2012, 140, 731-736.	8.9	151
4	Supply chain models with greenhouse gases emissions, energy usage and different coordination decisions. Applied Mathematical Modelling, 2015, 39, 5131-5151.	4.2	147
5	Greening the aluminium supply chain. International Journal of Production Economics, 2007, 108, 236-245.	8.9	125
6	A review of mathematical inventory models for reverse logistics and the future of its modeling: An environmental perspective. Applied Mathematical Modelling, 2016, 40, 4151-4178.	4.2	121
7	Dual-channel supply chain: A strategy to maximize profit. Applied Mathematical Modelling, 2016, 40, 9454-9473.	4.2	109
8	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
9	Supply Chain Management for Improved Energy Efficiency: Review and Opportunities. Energies, 2017, 10, 1618.	3.1	96
10	Supply chain models with greenhouse gases emissions, energy usage, imperfect process under different coordination decisions. International Journal of Production Economics, 2019, 211, 145-153.	8.9	87
11	Economic order quantity models for imperfect items with buy and repair options. International Journal of Production Economics, 2014, 155, 126-131.	8.9	83
12	Vendor managed inventory (VMI) with consignment considering learning and forgetting effects. International Journal of Production Economics, 2012, 140, 721-730.	8.9	77
13	A note on an industrial strategy for stock management in supply chains: modelling and performance evaluation. International Journal of Production Research, 2004, 42, 4421-4426.	7.5	67
14	Cost performance and bullwhip effect in a hybrid manufacturing and remanufacturing system with different control policies. International Journal of Production Research, 2006, 44, 3847-3862.	7.5	61
15	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
16	Energy implications in a two-stage production system with controllable production rates. International Journal of Production Economics, 2014, 149, 164-171.	8.9	56
17	Planned lead time determination in a make-to-order remanufacturing system. International Journal of Production Economics, 2007, 108, 426-435.	8.9	55
18	Layout design in dynamic environments: Strategies and quantitative indices. International Journal of Production Research, 2003, 41, 995-1016.	7.5	54

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19	Single-vendor single-buyer with integrated transport-inventory system: Models and heuristics in the case of perishable goods. Computers and Industrial Engineering, 2007, 52, 107-123.	6.3	53
20	A joint economic lot size model with price and environmentally sensitive demand. Production and Manufacturing Research, 2014, 2, 341-354.	1.5	53
21	A joint economic lot size model with financial collaboration and uncertain investment opportunity. International Journal of Production Economics, 2016, 176, 170-182.	8.9	53
22	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
23	Vendor managed inventory with consignment stock agreement for a supply chain with defective items. Applied Mathematical Modelling, 2016, 40, 7102-7114.	4.2	50
24	Multi-product economic lot scheduling problem with manufacturing and remanufacturing using a basic period policy. Computers and Industrial Engineering, 2012, 62, 1025-1033.	6.3	45
25	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
26	Life Cycle Cost Analysis for BESS Optimal Sizing. Energy Procedia, 2017, 113, 127-134.	1.8	44
27	Economic production quantity model with learning in production, quality, reliability and energy efficiency. Computers and Industrial Engineering, 2019, 129, 502-511.	6.3	43
28	Stimulating Investments in Energy Efficiency Through Supply Chain Integration. Energies, 2018, 11, 858.	3.1	41
29	Model and analysis of integrated productionâ€“inventory system: The case of steel production. International Journal of Production Economics, 2005, 93-94, 197-205.	8.9	37
30	On how buyback and remanufacturing strategies affect the profitability of spare parts supply chains. International Journal of Production Economics, 2011, 133, 135-142.	8.9	35
31	Economic evaluation of disassembly processes in remanufacturing systems. International Journal of Production Research, 2004, 42, 3603-3617.	7.5	34
32	An entropic economic order quantity (EnEOQ) for items with imperfect quality. Applied Mathematical Modelling, 2013, 37, 3982-3992.	4.2	34
33	Additive Manufacturing Impacts on Productions and Logistics Systems. IFAC-PapersOnLine, 2016, 49, 1679-1684.	0.9	34
34	A two-level supply chain with consignment stock agreement and stock-dependent demand. International Journal of Production Research, 2015, 53, 3561-3572.	7.5	33
35	Supply chain implications of additive manufacturing: a holistic synopsis through a collection of case studies. International Journal of Advanced Manufacturing Technology, 2019, 102, 3325-3340.	3.0	33
36	Productionâ€“inventory scheduling using Ant System metaheuristic. International Journal of Production Economics, 2006, 104, 317-326.	8.9	29

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37	Symbiosis between industrial systems, utilities and public service facilities for boosting energy and resource efficiency. Energy Procedia, 2017, 128, 544-550.	1.8	26
38	Combining make-to-order and make-to-stock inventory policies: an empirical application to a manufacturing SME. Production Planning and Control, 2009, 20, 559-575.	8.8	25
39	Layout design in dynamic environments: analytical issues. International Transactions in Operational Research, 2005, 12, 1-19.	2.7	23
40	Energy demand in production systems: A Queuing Theory perspective. International Journal of Production Economics, 2015, 170, 393-400.	8.9	23
41	Measuring and benchmarking productive systems performances using DEA: an industrial case. Production Planning and Control, 2003, 14, 542-554.	8.8	22
42	Payment schemes for a two-level consignment stock supply chain system. Computers and Industrial Engineering, 2015, 87, 491-505.	6.3	22
43	The consignment stock case for a vendor and a buyer with delay-in-payments. Computers and Industrial Engineering, 2016, 98, 333-349.	6.3	20
44	Comparing different coordination scenarios in a three-level supply chain system. International Journal of Production Research, 2017, 55, 4068-4088.	7.5	19
45	Closed-loop supply chain system with energy, transportation and waste disposal costs. International Journal of Sustainable Engineering, 2013, 6, 352-358.	3.5	17
46	Impact of Merging Components by Additive Manufacturing in Spare Parts Management. Procedia Manufacturing, 2017, 11, 610-618.	1.9	17
47	Review of Propulsion System Design Strategies for Unmanned Aerial Vehicles. Applied Sciences (Switzerland), 2021, 11, 5209.	2.5	17
48	Industrial Symbiosis for Greener Horticulture Practices: The CO 2 Enrichment from Energy Intensive Industrial Processes. Procedia CIRP, 2018, 69, 562-567.	1.9	15
49	Product-service System for Sustainable EAF Transformers: Real Operation Conditions and Maintenance Impacts on the Life-cycle Cost. Procedia CIRP, 2016, 47, 72-77.	1.9	14
50	Eco-efficiency in logistics: a case study on distribution network design. International Journal of Sustainable Engineering, 2011, 4, 115-126.	3.5	13
51	Additive Manufacturing Applications in the Domain of Product Service System: An Empirical Overview. Procedia CIRP, 2016, 47, 543-548.	1.9	13
52	'Consignment stock' for a two-level supply chain with entropy cost. European Journal of Industrial Engineering, 2014, 8, 244.	0.8	12
53	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
54	Green supply chain with learning in production and environmental investments. IFAC-PapersOnLine, 2018, 51, 1738-1743.	0.9	12

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55	Energy considerations for the economic production quantity and the joint economic lot sizing. Journal of Business Economics, 2019, 89, 845-865.	1.9	11
56	Eco-efficient cold chain networks design. International Journal of Sustainable Engineering, 2019, 12, 349-364.	3.5	11
57	Energy savings in reheating furnaces through process modelling. Procedia Manufacturing, 2020, 42, 205-210.	1.9	11
58	Energy Implications of Lot Sizing Decisions in Refrigerated Warehouses. Energies, 2020, 13, 1739.	3.1	11
59	Using smart lighting systems to reduce energy costs in warehouses: A simulation study. International Journal of Logistics Research and Applications, 2023, 26, 77-95.	8.8	11
60	A joint economic lot size model with third-party processing. Computers and Industrial Engineering, 2017, 106, 222-235.	6.3	8
61	Additive manufacturing impacts on a two-level supply chain. International Journal of Systems Science: Operations and Logistics, 2019, 6, 1-14.	3.0	8
62	Improving Supply Chain Profit through Reverse Factoring: A New Multi-Suppliers Single-Vendor Joint Economic Lot Size Model. International Journal of Financial Studies, 2020, 8, 23.	2.3	8
63	Respirometric index as a tool for biogas generation production from poultry manure. Management of Environmental Quality, 2016, 27, 269-280.	4.3	6
64	Energy Efficient EAF Transformer â€“ A Holistic Life Cycle Cost Approach. Procedia CIRP, 2016, 48, 319-324.	1.9	6
65	Learning-by-doing may not be enough to sustain competitiveness in a market. Applied Mathematical Modelling, 2019, 75, 627-639.	4.2	6
66	Robust versus stable layout design in stochastic environments. Production Planning and Control, 2005, 16, 71-80.	8.8	5
67	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
68	Multi-Period Newsvendor Problem for the Management of Battery Energy Storage Systems in Support of Distributed Generation. Energies, 2019, 12, 4598.	3.1	5
69	Joint economic lot size models with warehouse financing and financial contracts for hedging stocks under different coordination policies. Journal of Business Economics, 2020, 90, 1147-1169.	1.9	4
70	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
71	Application of the newsvendor model with re-ordering opportunity in two-echelon supply chains. International Journal of Integrated Supply Management, 2011, 6, 270.	0.3	3
72	A Stochastic Single-vendor Single-buyer Model under a Consignment Agreement. , 2007, , 321-328.		3

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73	Integrated Energy Value Analysis: A New Approach. IFIP Advances in Information and Communication Technology, 2015, , 670-679.	0.7	3
74	The ICCEE Toolbox. A Holistic Instrument Supporting Energy Efficiency of Cold Food and Beverage Supply Chains. Environmental and Climate Technologies, 2022, 26, 428-440.	1.4	3
75	An Economic Insight into Additive Manufacturing System Implementation. IFIP Advances in Information and Communication Technology, 2015, , 146-155.	0.7	2
76	Environmental impacts of foods refrigeration. , 2021, , 239-259.		2
77	Effect of Demand Tariff Schemes in Presence of Distributed Photovoltaic Generation and Electrical Energy Storage. Advances in Intelligent Systems and Computing, 2020, , 201-215.	0.6	2
78	Energy Implications of Production Planning Decisions. International Federation for Information Processing, 2012, , 9-17.	0.4	2
79	A Queuing Approach for Energy Supply in Manufacturing Facilities. IFIP Advances in Information and Communication Technology, 2013, , 243-248.	0.7	2
80	Long Term Analysis of Energy Payback Time for PV Systems. IFIP Advances in Information and Communication Technology, 2013, , 395-401.	0.7	2
81	Energy Efficiency Investments in Industry with Uncertain Demand Rate: Effects on the Specific Energy Consumption. Energies, 2020, 13, 161.	3.1	2
82	An Integrated Supply Chain Model with Excess Heat Recovery. IFIP Advances in Information and Communication Technology, 2017, , 479-487.	0.7	1
83	Supply chain network design under uncertain demand: robust and stable optimisation approaches. International Journal of Inventory Research, 2017, 4, 172.	0.3	1
84	A Learning Curve with Improvement in Process Quality. IFAC-PapersOnLine, 2018, 51, 681-685.	0.9	1
85	Inventory models for maturing and ageing items: cheese and wine storage. International Journal of Logistics Systems and Management, 2019, 34, 233.	0.2	1
86	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
87	Optimal Sizing of Energy Storage Systems for Industrial Production Plants. Lecture Notes in Computer Science, 2014, , 342-350.	1.3	1
88	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
89	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
90	Inventory models for maturing and ageing items: cheese and wine storage. International Journal of Logistics Systems and Management, 2019, 34, 233.	0.2	1

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91	Supply chain network design under uncertain demand: robust and stable optimisation approaches. International Journal of Inventory Research, 2017, 4, 172.	0.3	0
92	Blockchain Potential for Supply Chain Reconfiguration in Post COVID-19 Era. , 2021, , .		0