

Sunil Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,066
citations

279487

23
h-index

243296

44
g-index

50
all docs

50
docs citations

50
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Supply chain network redesign problem for major beverage organization in ASEAN region. <i>Annals of Operations Research</i> , 2023, 324, 1067-1098.	2.6	2
2	Retailer's optimal strategy for a perishable product with increasing demand under various payment schemes. <i>Annals of Operations Research</i> , 2022, 315, 899-929.	2.6	3
3	Impact of uncertain demand and lead-time reduction on two-echelon supply chain. <i>Annals of Operations Research</i> , 2022, 315, 2027-2055.	2.6	7
4	Retailer's credit and inventory decisions for imperfect quality and deteriorating items under two-level trade credit. <i>Computers and Operations Research</i> , 2022, 138, 105617.	2.4	24
5	A framework of sustainability drivers and externalities for Industry 4.0 technologies using the Best-Worst Method. <i>Journal of Cleaner Production</i> , 2022, 344, 130909.	4.6	43
6	Strategic production and responsible sourcing decisions under an emissions trading scheme. <i>European Journal of Operational Research</i> , 2022, 303, 1429-1443.	3.5	14
7	Freight consolidation and containerization strategy under business as usual scenario & carbon tax regulation. <i>Journal of Cleaner Production</i> , 2021, 279, 123270.	4.6	24
8	Internet of things for perishable inventory management systems: an application and managerial insights for micro, small and medium enterprises. <i>Annals of Operations Research</i> , 2021, , 1-29.	2.6	20
9	Retailer's optimal ordering policy for deteriorating items under order-size dependent trade credit and complete backlogging. <i>Computers and Industrial Engineering</i> , 2020, 139, 105559.	3.4	52
10	An EOQ inventory model with nonlinear stock dependent holding cost, nonlinear stock dependent demand and trade credit. <i>Computers and Industrial Engineering</i> , 2020, 139, 105557.	3.4	74
11	Channel coordination with price discount mechanism under price-sensitive market demand. <i>International Transactions in Operational Research</i> , 2020, 27, 2509-2533.	1.8	17
12	Integrated decision support framework for distribution network design. <i>International Journal of Production Research</i> , 2020, 58, 2490-2509.	4.9	12
13	Role of remanufacturing in product development and related profit estimation. <i>Journal of Cleaner Production</i> , 2020, 277, 124016.	4.6	6
14	Optimal trade credit and replenishment policies for non-instantaneous deteriorating items. <i>RAIRO - Operations Research</i> , 2020, 54, 1793-1826.	1.0	8
15	Integrated decision support framework for enhancing disaster preparedness: A pilot application in Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101773.	1.8	13
16	Retailer's ordering policies for time-varying deteriorating items with partial backlogging and permissible delay in payments in a two-warehouse environment. <i>Annals of Operations Research</i> , 2020, 295, 139-161.	2.6	26
17	A sustainable vendor-buyer inventory system considering transportation, loading and unloading activities. <i>Journal of Cleaner Production</i> , 2020, 271, 122120.	4.6	28
18	Impact of carbon emission on imperfect production inventory system with advance payment base free transportation. <i>RAIRO - Operations Research</i> , 2020, 54, 1103-1117.	1.0	27

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19	The effect of human errors on an integrated stochastic supply chain model with setup cost reduction and backorder price discount. <i>International Journal of Production Economics</i> , 2020, 226, 107643.	5.1	33
20	Economic Production Quantity (EPQ) Inventory Model for a Deteriorating Item with a Two-Level Trade Credit Policy and Allowable Shortages. <i>Asset Analytics</i> , 2020, , 1-19.	0.4	3
21	An Economic Order Quantity (EOQ) Inventory Model for a Deteriorating Item with Interval-Valued Inventory Costs, Price-Dependent Demand, Two-Level Credit Policy, and Shortages. <i>Asset Analytics</i> , 2020, , 21-53.	0.4	3
22	Inventory and credit decisions for deteriorating items with displayed stock dependent demand in two-echelon supply chain using Stackelberg and Nash equilibrium solution. <i>Annals of Operations Research</i> , 2019, 274, 309-329.	2.6	39
23	An inventory model of a three parameter Weibull distributed deteriorating item with variable demand dependent on price and frequency of advertisement under trade credit. <i>RAIRO - Operations Research</i> , 2019, 53, 903-916.	1.0	27
24	Note on "Multiproduct Single-Machine Production System with Stochastic Scrapped Production Rate, Partial Backordering and Service Level Constraint". <i>International Journal of Applied and Computational Mathematics</i> , 2019, 5, 1.	0.9	2
25	Credit financing in economic ordering policies for deteriorating items with stochastic demand and promotional efforts in two-warehouse environment. <i>International Journal of Operational Research</i> , 2019, 35, 529.	0.1	5
26	Economic production quantity model considering warm-up period in a cleaner production environment. <i>International Journal of Production Research</i> , 2019, 57, 4547-4560.	4.9	17
27	A comparative study on economic production quantity (EPQ) model under space constraint with different kinds of data. <i>Grey Systems Theory and Application</i> , 2019, 9, 86-100.	1.0	3
28	Impact of credit financing, storage system and changing demand on investment for deteriorating items. <i>International Journal of Systems Science: Operations and Logistics</i> , 2019, 6, 143-161.	2.0	1
29	A two-warehouse inventory model for non-instantaneous deteriorating items with interval-valued inventory costs and stock-dependent demand under inflationary conditions. <i>Neural Computing and Applications</i> , 2019, 31, 1931-1948.	3.2	45
30	A Fuzzy Inventory Model for a Deteriorating Item with Variable Demand, Permissible Delay in Payments and Partial Backlogging with Shortage Follows Inventory (SFI) Policy. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 1606-1623.	2.3	38
31	Sustainable inventory management with deteriorating and imperfect quality items considering carbon emission. <i>Journal of Cleaner Production</i> , 2018, 192, 281-292.	4.6	181
32	Optimal pricing and lot-sizing policy for supply chain system with deteriorating items under limited storage capacity. <i>International Journal of Production Economics</i> , 2018, 200, 278-290.	5.1	76
33	Closed-Form Solutions for the EPQ-Based Inventory Model for Exponentially Deteriorating Items Under Retailer Partial Trade Credit Policy in Supply Chain. <i>International Journal of Applied and Computational Mathematics</i> , 2018, 4, 1.	0.9	7
34	Joint pricing and inventory model for deteriorating items with expiration dates and partial backlogging under two-level partial trade credits in supply chain. <i>International Journal of Production Economics</i> , 2018, 200, 16-36.	5.1	162
35	Joint economic lot sizing model with stochastic demand and controllable lead-time by reducing ordering cost and setup cost. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2018, 112, 1075-1099.	0.6	20
36	Some Observations on: Improving Production Policy for a Deteriorating Item Under Permissible Delay in Payments with Stock-Dependent Demand Rate. <i>International Journal of Applied and Computational Mathematics</i> , 2018, 4, 1.	0.9	5

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37	Big data analytics in supply chain management between 2010 and 2016: Insights to industries. Computers and Industrial Engineering, 2018, 115, 319-330.	3.4	375
38	Retailer's Joint Ordering, Pricing, and Preservation Technology Investment Policies for a Deteriorating Item under Permissible Delay in Payments. Mathematical Problems in Engineering, 2018, 2018, 1-14.	0.6	50
39	A fuzzy imperfect production and repair inventory model with time dependent demand, production and repair rates under inflationary conditions. RAIRO - Operations Research, 2018, 52, 217-239.	1.0	31
40	Impact of trade credit on inventory models for Weibull distribution deteriorating items with partial backlogging in two-warehouse environment. International Journal of Logistics Systems and Management, 2018, 30, 503.	0.2	2
41	Credit financing in economic ordering policies for non-instantaneous deteriorating items with price dependent demand and two storage facilities. Annals of Operations Research, 2017, 248, 253-280.	2.6	89
42	An inventory model under price and stock dependent demand for controllable deterioration rate with shortages and preservation technology investment. Annals of Operations Research, 2017, 254, 165-190.	2.6	121
43	Two-warehouse inventory model for non-instantaneous deteriorating items with stock-dependent demand and inflation using particle swarm optimization. Annals of Operations Research, 2017, 254, 401-423.	2.6	47
44	Lot-sizing policies for defective and deteriorating items with time-dependent demand and trade credit. European Journal of Industrial Engineering, 2017, 11, 683.	0.5	24
45	Two-warehouse inventory model for deteriorating items with imperfect quality under the conditions of permissible delay in payments. Scientia Iranica, 2017, 24, 390-412.	0.3	42
46	Impact of trade credit and inflation on retailer's ordering policies for non-instantaneous deteriorating items in a two-warehouse environment. International Journal of Production Economics, 2016, 176, 154-169.	5.1	109
47	Replenishment policy for non-instantaneous deteriorating items in a two storage facilities under inflationary conditions. International Journal of Industrial Engineering Computations, 2016, , 489-506.	0.4	11
48	A Fuzzy EOQ Model with Allowable Shortage under Different Trade Credit Terms. Applied Mathematics and Information Sciences, 2016, 10, 785-805.	0.7	15
49	Credit financing in economic ordering policies for non-instantaneous deteriorating items with price dependent demand under permissible delay in payments: A new approach. International Journal of Industrial Engineering Computations, 2015, 6, 481-502.	0.4	22
50	Effect of deterioration on two-warehouse inventory model with imperfect quality. Computers and Industrial Engineering, 2015, 88, 378-385.	3.4	61