

Sumon Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

542
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety stock management in a supply chain model with waiting time and price discount dependent backlogging rate in stochastic environment. <i>Operational Research</i> , 2022, 22, 917-946.	2.0	4
2	Impact of uncertain demand and lead-time reduction on two-echelon supply chain. <i>Annals of Operations Research</i> , 2022, 315, 2027-2055.	4.1	7
3	Optimal lot-sizing policy for a failure prone production system with investment in process quality improvement and lead time variance reduction. <i>Journal of Industrial and Management Optimization</i> , 2022, 18, 1891.	1.3	2
4	Coordinating a supplier-retailer JELS model considering product quality assessment and green retailing. <i>Journal of Cleaner Production</i> , 2022, 356, 131658.	9.3	4
5	Optimal ordering policy in a two-echelon supply chain model with variable backorder and demand uncertainty. <i>RAIRO - Operations Research</i> , 2021, 55, S673-S698.	1.8	5
6	Channel coordination with price discount mechanism under price-sensitive market demand. <i>International Transactions in Operational Research</i> , 2020, 27, 2509-2533.	2.7	17
7	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.	8.9	33
8	A vendor-buyer inventory model with lot-size and production rate dependent lead time under time value of money. <i>RAIRO - Operations Research</i> , 2020, 54, 961-979.	1.8	15
9	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.	1.2	20
10	Optimal production run time and inspection errors in an imperfect production system with warranty. <i>Journal of Industrial and Management Optimization</i> , 2018, 14, 267-282.	1.3	18
11	Optimal buffer inventory and inspection errors in an imperfect production system with preventive maintenance. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 545-560.	3.0	37
12	Preservation of deteriorating seasonal products with stock-dependent consumption rate and shortages. <i>Journal of Industrial and Management Optimization</i> , 2017, 13, 187-206.	1.3	17
13	Retailer's optimal strategy for fixed lifetime products. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 121-133.	3.6	15
14	Quality improvement and backorder price discount under controllable lead time in an inventory model. <i>Journal of Manufacturing Systems</i> , 2015, 35, 26-36.	13.9	94
15	Mitigation of High-Tech Products with Probabilistic Deterioration and Inflation. <i>American Journal of Industrial and Business Management</i> , 2015, 05, 73-89.	0.6	4
16	An EMQ model with price and time dependent demand under the effect of reliability and inflation. <i>Applied Mathematics and Computation</i> , 2014, 231, 414-421.	2.2	62
17	Variable deterioration and demand-An inventory model. <i>Economic Modelling</i> , 2013, 31, 548-556.	3.8	49
18	An improved inventory model with partial backlogging, time varying deterioration and stock-dependent demand. <i>Economic Modelling</i> , 2013, 30, 924-932.	3.8	139