Sumon Sarkar

List of Publications by Year
in descending order

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	An improved inventory model with partial backlogging, time varying deterioration and stock-dependent demand. Economic Modelling, 2013, 30, 924-932.	3.8	139
2	Quality improvement and backorder price discount under controllable lead time in an inventory model. Journal of Manufacturing Systems, 2015, 35, 26-36.	13.9	94
3	An EMQ model with price and time dependent demand under the effect of reliability and inflation. Applied Mathematics and Computation, 2014, 231, 414-421.	2.2	62
4	Variable deterioration and demand—An inventory model. Economic Modelling, 2013, 31, 548-556.	3.8	49
5	Optimal buffer inventory and inspection errors in an imperfect production system with preventive maintenance. International Journal of Advanced Manufacturing Technology, 2017, 90, 545-560.	3.0	37
6	The effect of human errors on an integrated stochastic supply chain model with setup cost reduction and backorder price discount. International Journal of Production Economics, 2020, 226, 107643.	8.9	33
7	Joint economic lot sizing model with stochastic demand and controllable lead-time by reducing ordering cost and setup cost. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2018, 112, 1075-1099.	1.2	20
8	Optimal production run time and inspection errors in an imperfect production system with warranty. Journal of Industrial and Management Optimization, 2018, 14, 267-282.	1.3	18
9	Channel coordination with price discount mechanism under price-sensitive market demand. International Transactions in Operational Research, 2020, 27, 2509-2533.	2.7	17
10	Preservation of deteriorating seasonal products with stock-dependent consumption rate and shortages. Journal of Industrial and Management Optimization, 2017, 13, 187-206.	1.3	17
11	Retailer's optimal strategy for fixed lifetime products. International Journal of Machine Learning and Cybernetics, 2016, 7, 121-133.	3.6	15
12	A vendor–buyer inventory model with lot-size and production rate dependent lead time under time value of money. RAIRO - Operations Research, 2020, 54, 961-979.	1.8	15
13	Impact of uncertain demand and lead-time reduction on two-echelon supply chain. Annals of Operations Research, 2022, 315, 2027-2055.	4.1	7
14	Optimal ordering policy in a two-echelon supply chain model with variable backorder and demand uncertainty. RAIRO - Operations Research, 2021, 55, S673-S698.	1.8	5
15	Safety stock management in a supply chain model with waiting time and price discount dependent backlogging rate in stochastic environment. Operational Research, 2022, 22, 917-946.	2.0	4
16	Mitigation of High-Tech Products with Probabilistic Deterioration and Inflations. American Journal of Industrial and Business Management, 2015, 05, 73-89.	0.6	4
17	Coordinating a supplier–retailer JELS model considering product quality assessment and green retailing. Journal of Cleaner Production, 2022, 356, 131658.	9.3	4
18	Optimal lot-sizing policy for a failure prone production system with investment in process quality improvement and lead time variance reduction. Journal of Industrial and Management Optimization, 2022, 18, 1891.	1.3	2