Allen H Tai

List of Publications by Year
in descending order

26 papers	353 citations	11 h-index 840776	19 g-index 794594
26 all docs	26 docs citations	26 times ranked	427 citing authors

#	Article	IF	Citations
1	A discrete-time mean-field stochastic linear-quadratic optimal control problem with financial application. International Journal of Control, 2021, 94, 175-189.	1.9	5
2	Joint inspection and inventory control for deteriorating items with time-dependent demand and deteriorating rate. Annals of Operations Research, 2021, 300, 225-265.	4.1	6
3	Optimal advertising outsourcing strategy with different effort levels and uncertain demand. International Journal of Production Research, 2020, 58, 2016-2035.	7.5	6
4	Container drayage modelling with graph theory-based road connectivity assessment for sustainable freight transportation in new development area. Computers and Industrial Engineering, 2020, 149, 106810.	6.3	12
5	Joint inspection and inventory control for deteriorating items with random maximum lifetime. International Journal of Production Economics, 2019, 207, 144-162.	8.9	25
6	A model for continuously degrading systems with outsourcing maintenance service. International Journal of Mathematics in Operational Research, 2018, 13, 178.	0.2	0
7	Redesigning one-warehouse<i>n</i>-retailer routing model in inter-store stock transfer operations of an international retail chain distribution. Asia Pacific Journal of Marketing and Logistics, 2018, 30, 536-554.	3.2	3
8	Optimising truckload operations in third-party logistics: A carbon footprint perspective in volatile supply chain. Transportation Research, Part D: Transport and Environment, 2018, 63, 649-661.	6.8	29
9	A Stochastic Production-Inventory Model in a Two-State Production System With Inventory Deterioration, Rework Process, and Backordering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 916-926.	9.3	17
10	Optimal replenishment policy for inventory systems with an unreliable supplier. , 2017, , .		0
11	Pricing strategy for a two-echelon supply chain with optimized return effort level. International Journal of Production Economics, 2016, 182, 185-195.	8.9	14
12	Recent advances on Markovian models for inventory research. International Journal of Inventory Research, 2016, 3, 198.	0.3	2
13	Inspection policy for inventory system with deteriorating products. International Journal of Production Economics, 2016, 173, 22-29.	8.9	9
14	An EOQ model for imperfect quality items with multiple quality characteristic screening and shortage backordering. European Journal of Industrial Engineering, 2015, 9, 261.	0.8	5
15	An EPQ Model for Deteriorating Production System and Items with Rework. Mathematical Problems in Engineering, 2015, 2015, 1-10.	1.1	8
16	Hidden Markov models for inventory systems with deteriorating items. International Journal of Mathematics in Operational Research, 2015, 7, 138.	0.2	3
17	A maritime container repositioning yield-based optimization model with uncertain upsurge demand. Transportation Research, Part E: Logistics and Transportation Review, 2015, 82, 147-161.	7.4	13
18	An utility-based decision support sustainability model in slow steaming maritime operations. Transportation Research, Part E: Logistics and Transportation Review, 2015, 78, 57-69.	7.4	32

#	Article	IF	Citations
19	Optimal production and pricing policies in a combined make-to-order/make-to-stock system. International Journal of Production Research, 2014, 52, 7027-7045.	7.5	16
20	Optimal inventory policy for a Markovian two-echelon system with returns and lateral transshipment. International Journal of Production Economics, 2014, 151, 48-55.	8.9	31
21	Economic production quantity models for deteriorating/imperfect products and service with rework. Computers and Industrial Engineering, 2013, 66, 879-888.	6.3	58
22	New statistical distributions for group counting inÂBernoulli and Poisson processes. Test, 2012, 21, 29-53.	1.1	3
23	Maintenance models for a continuously degrading system. Computers and Industrial Engineering, 2010, 58, 578-583.	6.3	12
24	Detection of machine failure: Hidden Markov Model approach. Computers and Industrial Engineering, 2009, 57, 608-619.	6.3	41
25	A fast algorithm for the spread of HIV in a system of prisons. Mathematical and Computer Modelling, 2007, 46, 1247-1255.	2.0	2
26	A Two-echelon Model for Inventory and Returns. , 2006, , 131-136.		1