

Allen H Tai

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

353
citations

840776

11
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic production quantity models for deteriorating/imperfect products and service with rework. Computers and Industrial Engineering, 2013, 66, 879-888.	6.3	58
2	Detection of machine failure: Hidden Markov Model approach. Computers and Industrial Engineering, 2009, 57, 608-619.	6.3	41
3	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
4	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
5	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
6	Joint inspection and inventory control for deteriorating items with random maximum lifetime. International Journal of Production Economics, 2019, 207, 144-162.	8.9	25
7	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
8	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
9	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
10	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
11	Maintenance models for a continuously degrading system. Computers and Industrial Engineering, 2010, 58, 578-583.	6.3	12
12	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
13	Inspection policy for inventory system with deteriorating products. International Journal of Production Economics, 2016, 173, 22-29.	8.9	9
14	An EPQ Model for Deteriorating Production System and Items with Rework. Mathematical Problems in Engineering, 2015, 2015, 1-10.	1.1	8
15	Optimal advertising outsourcing strategy with different effort levels and uncertain demand. International Journal of Production Research, 2020, 58, 2016-2035.	7.5	6
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	New statistical distributions for group counting in Bernoulli and Poisson processes. <i>Test</i> , 2012, 21, 29-53.	1.1	3
20	Hidden Markov models for inventory systems with deteriorating items. <i>International Journal of Mathematics in Operational Research</i> , 2015, 7, 138.	0.2	3
21	Redesigning one-warehouse <i>n</i> -retailer routing model in inter-store stock transfer operations of an international retail chain distribution. <i>Asia Pacific Journal of Marketing and Logistics</i> , 2018, 30, 536-554.	3.2	3
22	A fast algorithm for the spread of HIV in a system of prisons. <i>Mathematical and Computer Modelling</i> , 2007, 46, 1247-1255.	2.0	2
23	Recent advances on Markovian models for inventory research. <i>International Journal of Inventory Research</i> , 2016, 3, 198.	0.3	2
24	A Two-echelon Model for Inventory and Returns. , 2006, , 131-136.		1
25	Optimal replenishment policy for inventory systems with an unreliable supplier. , 2017, , .		0
26	A model for continuously degrading systems with outsourcing maintenance service. <i>International Journal of Mathematics in Operational Research</i> , 2018, 13, 178.	0.2	0