

# Thomas W Archibald

## List of Publications by Year in descending order

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38  
papers

841  
citations

516561

16  
h-index

501076

28  
g-index

38  
all docs

38  
docs citations

38  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential game model of cooperative advertising in a supply chain with deteriorating items, competing retailers and reference price effects. <i>Enterprise Information Systems</i> , 2023, 17, .	3.3	3
2	Competition between incumbents and copycats under conspicuous consumption when consumers are strategic. <i>Journal of the Operational Research Society</i> , 2022, 73, 1033-1052.	2.1	3
3	Whether to adopt "buy online and return to store" strategy in a competitive market?. <i>European Journal of Operational Research</i> , 2022, 301, 974-986.	3.5	27
4	Investment and operational decisions for start-up companies: a game theory and Markov decision process approach. <i>Annals of Operations Research</i> , 2021, 299, 317-330.	2.6	11
5	Approximations for non-stationary stochastic lot-sizing under (s,Q)-type policy. <i>European Journal of Operational Research</i> , 2021, 298, 573-573.	3.5	0
6	An inventory model of a deteriorating product considering carbon emissions. <i>Computers and Industrial Engineering</i> , 2020, 148, 106694.	3.4	36
7	Optimal extended warranty strategy: Offering trade-in service or not?. <i>European Journal of Operational Research</i> , 2019, 278, 240-254.	3.5	51
8	Stochastic Inventory Control: A Literature Review. <i>IFAC-PapersOnLine</i> , 2019, 52, 1490-1495.	0.5	6
9	Review of Mathematical Programming Applications in Water Resource Management Under Uncertainty. <i>Environmental Modeling and Assessment</i> , 2018, 23, 753-777.	1.2	34
10	Lot-sizing for a product recovery system with quality-dependent recovery channels. <i>Computers and Industrial Engineering</i> , 2018, 123, 134-147.	3.4	11
11	Lyn Thomas 1946-2016. <i>European Journal of Operational Research</i> , 2017, 257, 353-354.	3.5	2
12	Benefits of Hybrid Lateral Transshipments in Multi-Item Inventory Systems under Periodic Replenishment. <i>Production and Operations Management</i> , 2015, 24, 311-324.	2.1	25
13	Substitution in a Hybrid Remanufacturing System. <i>Procedia CIRP</i> , 2015, 26, 583-588.	1.0	11
14	Managing inventory and production capacity in start-up firms. <i>Journal of the Operational Research Society</i> , 2015, 66, 1624-1634.	2.1	6
15	A semi-Markov model with holdout transshipment policy and phase-type exponential lead time. <i>European Journal of Operational Research</i> , 2011, 211, 650-657.	3.5	8
16	The use of simple calibrations of individual locations in making transshipment decisions in a multi-location inventory network. <i>Journal of the Operational Research Society</i> , 2010, 61, 294-305.	2.1	16
17	Indexability and Index Heuristics for a Simple Class of Inventory Routing Problems. <i>Operations Research</i> , 2009, 57, 314-326.	1.2	27
18	An index heuristic for transshipment decisions in multi-location inventory systems based on a pairwise decomposition. <i>European Journal of Operational Research</i> , 2009, 192, 69-78.	3.5	37

#	ARTICLE	IF	CITATIONS
19	Modelling replenishment and transshipment decisions in periodic review multilocation inventory systems. <i>Journal of the Operational Research Society</i> , 2007, 58, 948-956.	2.1	43
20	Keep or return? Managing ordering and return policies in start-up companies. <i>European Journal of Operational Research</i> , 2007, 179, 97-113.	3.5	10
21	Modeling the operation of multireservoir systems using decomposition and stochastic dynamic programming. <i>Naval Research Logistics</i> , 2006, 53, 217-225.	1.4	33
22	The elixir of life: using a maintenance, repair and replacement model based on virtual and operating age in the water industry. <i>IMA Journal of Management Mathematics</i> , 2004, 15, 151-160.	1.1	9
23	Analysing maintenance data to gain insight into systems performance. <i>Journal of the Operational Research Society</i> , 2003, 54, 343-349.	2.1	15
24	Loans, ordering and shortage costs in start-ups: a dynamic stochastic decision approach. <i>Journal of the Operational Research Society</i> , 2003, 54, 539-548.	2.1	6
25	How useful is commonality? Inventory and production decisions to maximize survival probability in start-ups. <i>IMA Journal of Management Mathematics</i> , 2003, 14, 305-320.	1.1	2
26	Should Start-up Companies Be Cautious? Inventory Policies Which Maximise Survival Probabilities. <i>Management Science</i> , 2002, 48, 1161-1174.	2.4	88
27	Controlling multi-reservoir systems. <i>European Journal of Operational Research</i> , 2001, 129, 619-626.	3.5	17
28	Assessing the maintenance in a process using a semi-parametric approach. <i>Quality and Reliability Engineering International</i> , 2001, 17, 163-167.	1.4	8
29	Minimising bins in transmission systems. <i>European Journal of Operational Research</i> , 1999, 115, 380-391.	3.5	0
30	Nested Benders decomposition and dynamic programming for reservoir optimisation. <i>Journal of the Operational Research Society</i> , 1999, 50, 468-479.	2.1	39
31	Life and Decay. <i>IMA Journal of Management Mathematics</i> , 1998, 9, 393-401.	1.1	1
32	Constrained-cost maintenance and measurability of degradation. <i>IMA Journal of Management Mathematics</i> , 1998, 9, 211-221.	1.1	0
33	An Optimal Policy for a Two Depot Inventory Problem with Stock Transfer. <i>Management Science</i> , 1997, 43, 173-183.	2.4	115
34	An aggregate stochastic dynamic programming model of multireservoir systems. <i>Water Resources Research</i> , 1997, 33, 333-340.	1.7	97
35	Modified block-replacement for multiple-component systems. <i>IEEE Transactions on Reliability</i> , 1996, 45, 75-83.	3.5	30
36	A portfolio of purchase contracts – an example of solving large-scale dynamic programming on parallel computers. <i>IMA Journal of Management Mathematics</i> , 1995, 6, 193-204.	1.1	0

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37	On the Generation of Markov Decision Processes. Journal of the Operational Research Society, 1995, 46, 354.	2.1	5
38	Serial and parallel value iteration algorithms for discounted Markov decision processes. European Journal of Operational Research, 1993, 67, 188-203.	3.5	9