Stephen M Disney

List of Publications by Year
in descending order

77 papers	4,641 citations	109137 35 h-index	102304 66 g-index
79 all docs	79 docs citations	79 times ranked	1890 citing authors

#	Article	IF	Citations
1	Dual Sourcing and Smoothing Under Nonstationary Demand Time Series: Reshoring with SpeedFactories. Management Science, 2022, 68, 1039-1057.	2.4	25
2	On the stationary stochastic response of an order-constrained inventory system. European Journal of Operational Research, 2022, , .	3.5	4
3	Exploring the nonlinear dynamics of the lost-sales order-up-to policy. International Journal of Production Research, 2021, 59, 5809-5830.	4.9	21
4	The yield rate paradox in closed-loop supply chains. International Journal of Production Economics, 2021, 239, 108187.	5.1	9
5	The impact of stochastic lead times on the bullwhip effect under correlated demand and moving average forecasts. Omega, 2020, 93, 102033.	3.6	20
6	Service Levels in Make-to-Order Production: 3D Printing Applications. , 2020, , 61-75.		0
7	Economies of collaboration in build‐to‐model operations. Journal of Operations Management, 2019, 65, 753-773.	3.3	62
8	The Nonlinear Dynamics of Order-Up-To Inventory Systems with Lost Sales. IFAC-PapersOnLine, 2019, 52, 2291-2296.	0.5	1
9	When the Bullwhip Effect is an Increasing Function of the Lead Time. IFAC-PapersOnLine, 2019, 52, 2297-2302.	0.5	4
10	The inventory performance of forecasting methods: Evidence from the M3 competition data. International Journal of Forecasting, 2019, 35, 251-265.	3.9	38
11	Avoiding the capacity cost trap: Three means of smoothing under cyclical production planning. International Journal of Production Economics, 2018, 201, 149-162.	5.1	6
12	A unified theory of the dynamics of closed-loop supply chains. European Journal of Operational Research, 2018, 269, 313-326.	3.5	44
13	Dual Sourcing and Smoothing Under Non-Stationary Demand Time Series: Re-Shoring with Speedfactories. SSRN Electronic Journal, 2018, , .	0.4	5
14	Coordinating Supply Chains via Advance‐Order Discounts, Minimum Order Quantities, and Delegations. Production and Operations Management, 2017, 26, 2175-2186.	2.1	37
15	Exploring nonlinear supply chains: the dynamics of capacity constraints. International Journal of Production Research, 2017, 55, 4053-4067.	4.9	46
16	The impact of product returns and remanufacturing uncertainties on the dynamic performance of a multi-echelon closed-loop supply chain. International Journal of Production Economics, 2017, 183, 487-502.	5.1	113
17	Mitigating variance amplification under stochastic lead-time: The proportional control approach. European Journal of Operational Research, 2017, 256, 151-162.	3.5	29
18	Revisiting rescheduling: MRP nervousness and the bullwhip effect. International Journal of Production Research, 2017, 55, 1992-2012.	4.9	23

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19	Coordinating Supply Chains Via Advance-Order Discounts, Minimum Order Quantities, and Delegations: The Case of Two Manufacturers. SSRN Electronic Journal, 2017, , .	0.4	1
20	Inventory performance under staggered deliveries and autocorrelated demand. European Journal of Operational Research, 2016, 249, 1082-1091.	3.5	9
21	Inventory management for stochastic lead times with order crossovers. European Journal of Operational Research, 2016, 248, 473-486.	3.5	73
22	The bullwhip effect: Progress, trends and directions. European Journal of Operational Research, 2016, 250, 691-701.	3.5	272
23	Reducing order and inventory variability under stochastic lead-time and correlated demand. , 2015, , .		0
24	The impact of information sharing, random yield, correlation, and lead times in closed loop supply chains. European Journal of Operational Research, 2015, 246, 827-836.	3.5	79
25	On net stock amplification in the Damped Trend Order-Up-To system. , 2015, , .		0
26	Fill rate in a periodic review order-up-to policy under auto-correlated normally distributed, possibly negative, demand. International Journal of Production Economics, 2015, 170, 501-512.	5.1	26
27	Coordinating lead times and safety stocks under autocorrelated demand. European Journal of Operational Research, 2014, 232, 52-63.	3.5	23
28	Avoiding the bullwhip effect using Damped Trend forecasting and the Order-Up-To replenishment policy. International Journal of Production Economics, 2014, 149, 3-16.	5.1	56
29	Exploring the oscillatory dynamics of a forbidden returns inventory system. International Journal of Production Economics, 2014, 147, 3-12.	5.1	43
30	Stability analysis of constrained inventory systems with transportation delay. European Journal of Operational Research, 2012, 223, 86-95.	3.5	65
31	On the Lambert W function: Economic Order Quantity applications and pedagogical considerations. International Journal of Production Economics, 2012, 140, 756-764.	5.1	15
32	Supply Chain Collaboration, Inter-Firm Trust and Logistics Performance: Evidence from the Tourism Sector. SSRN Electronic Journal, 2012, , .	0.4	2
33	On the replenishment policy when the market demand information is lagged. International Journal of Production Economics, 2012, 135, 458-467.	5.1	27
34	A delayed demand supply chain: Incentives for upstream players. Omega, 2012, 40, 478-487.	3.6	27
35	Supply chain integration: an international comparison of maturity. Asia Pacific Journal of Marketing and Logistics, 2011, 23, 531-552.	1.8	30
36	A pragmatic approach to the design of bullwhip controllers. International Journal of Production Economics, 2010, 128, 556-568.	5.1	33

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37	On bullwhip in a family of order-up-to policies with ARMA(2,2) demand and arbitrary lead-times. International Journal of Production Economics, 2009, 121, 454-463.	5.1	39
38	Designing replenishment rules in a two-echelon supply chain with a flexible or an inflexible capacity strategy. International Journal of Production Economics, 2009, 119, 187-198.	5.1	41
39	Impact of market demand mis-specification on a two-level supply chain. International Journal of Production Economics, 2009, 121, 739-751.	5.1	29
40	The influence of multi-product production strategy on factory induced bullwhip. International Journal of Production Research, 2009, 47, 5739-5759.	4.9	23
41	Editorial for the special issue: papers from the 19th international conference on production research. International Journal of Logistics Research and Applications, 2009, 12, 231-232.	5.6	0
42	Altruistic behaviour in a two-echelon supply chain with unmatched proportional feedback controllers. International Journal of Intelligent Systems Technologies and Applications, 2009, 6, 269.	0.2	6
43	A Generalized Order-Up-To Policy and Altruistic Behaviour in a Three-Level Supply Chain. , 2009, , 190-213.		0
44	Is there a benefit to sharing market sales information? Linking theory and practice. Computers and Industrial Engineering, 2008, 54, 315-326.	3.4	59
45	A win–win solution for the bullwhip problem. Production Planning and Control, 2008, 19, 702-711.	5.8	26
46	Managing Bullwhip-induced risks in supply chains. International Journal of Risk Assessment and Management, 2008, 10, 238.	0.2	15
47	The value of coordination in a two-echelon supply chain. IIE Transactions, 2008, 40, 341-355.	2.1	47
48	The impact of process maturity and uncertainty on supply chain performance: an empirical study. International Journal of Manufacturing Technology and Management, 2008, 15, 12.	0.1	23
49	Commentary I. , 2008, , 1-1-1-4.		0
50	Controlling bullwhip and inventory variability with the golden smoothing rule. European Journal of Industrial Engineering, 2007, 1, 241.	0.5	30
51	The myopic Order-Up-To policy with a proportional feedback controller. International Journal of Production Research, 2007, 45, 351-368.	4.9	66
52	The Value of Coordination in a Two Echelon Supply Chain: Sharing Information, Policies and Parameters. SSRN Electronic Journal, 2007, , .	0.4	6
53	An integrated production and inventory model to dampen upstream demand variability in the supply chain. European Journal of Operational Research, 2007, 178, 121-142.	3.5	110
54	Reducing the bullwhip effect: Looking through the appropriate lens. International Journal of Production Economics, 2007, 108, 444-453.	5.1	91

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55	Estimation in supply chain inventory management. International Journal of Production Research, 2006, 44, 1313-1330.	4.9	27
56	The governing dynamics of supply chains: The impact of altruistic behaviour. Automatica, 2006, 42, 1301-1309.	3.0	53
57	Taming the bullwhip effect whilst watching customer service in a single supply chain echelon. European Journal of Operational Research, 2006, 173, 151-172.	3.5	129
58	Bullwhip and batching: An exploration. International Journal of Production Economics, 2006, 104, 408-418.	5.1	57
59	On the equivalence of control theoretic, differential, and difference equation approaches to modeling supply chains. International Journal of Production Economics, 2006, 101, 194-208.	5.1	70
60	Controllable, observable and stable state space representations of a generalized order-up-to policy. International Journal of Production Economics, 2006, 101, 172-184.	5.1	89
61	State space investigation of the bullwhip problem with ARMA(1,1) demand processes. International Journal of Production Economics, 2006, 104, 327-339.	5.1	51
62	Bullwhip and inventory variance in a closed loop supply chain. OR Spectrum, 2006, 28, 127-149.	2.1	89
63	On variance amplification in a three-echelon supply chain with minimum mean square error forecasting. Omega, 2006, 34, 344-358.	3.6	109
64	Towards responsive vehicle supply: a simulation-based investigation into automotive scheduling systems. Journal of Operations Management, 2005, 23, 507-530.	3.3	74
65	Supply Chain Collaboration:. European Management Journal, 2005, 23, 170-181.	3.1	500
66	On Replenishment Rules, Forecasting, and the Bullwhip Effect in Supply Chains. Foundations and Trends in Technology, Information and Operations Management, 2005, 2, 1-80.	0.4	76
67	The impact of information enrichment on the Bullwhip effect in supply chains: A control engineering perspective. European Journal of Operational Research, 2004, 153, 727-750.	3.5	436
68	Variance amplification and the golden ratio in production and inventory control. International Journal of Production Economics, 2004, 90, 295-309.	5.1	111
69	Explicit filters and supply chain design. Journal of Purchasing and Supply Management, 2003, 9, 73-81.	3.1	17
70	Measuring and avoiding the bullwhip effect: A control theoretic approach. European Journal of Operational Research, 2003, 147, 567-590.	3.5	575
71	The impact of vendor managed inventory on transport operations. Transportation Research, Part E: Logistics and Transportation Review, 2003, 39, 363-380.	3.7	122
72	A procedure for the optimization of the dynamic response of a Vendor Managed Inventory system. Computers and Industrial Engineering, 2002, 43, 27-58.	3.4	111

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73	Speeding up the progress curve towards effective supply chain management. Supply Chain Management, 2000, 5, 122-130.	3.7	58
74	The Dynamics of Material Flows in Supply Chains. SSRN Electronic Journal, 0, , .	0.4	2
75	A Smoothing Replenishment Policy with Endogenous Lead Times. SSRN Electronic Journal, 0, , .	0.4	0
76	The Benefit of Altruistic Behaviour Achieved By the Out Policy With Unmatched Proportional Feedback Gains in a Two-Echelon Supply Chain. SSRN Electronic Journal, 0, , .	0.4	0
77	Volume flexibility at responsive suppliers in reshoring decisions: Analysis of a dual sourcing inventory model. Production and Operations Management, 0, , .	2.1	5