Stephen M Disney

List of Publications by Year
in descending order

77	4,641	109137	102304
papers	citations	35 h-index	66 g-index

79	79	79	1890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring and avoiding the bullwhip effect: A control theoretic approach. European Journal of Operational Research, 2003, 147, 567-590.	3.5	575
2	Supply Chain Collaboration:. European Management Journal, 2005, 23, 170-181.	3.1	500
3	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
4	The bullwhip effect: Progress, trends and directions. European Journal of Operational Research, 2016, 250, 691-701.	3.5	272
5	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
6	The impact of vendor managed inventory on transport operations. Transportation Research, Part E: Logistics and Transportation Review, 2003, 39, 363-380.	3.7	122
7	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
8	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
9	Variance amplification and the golden ratio in production and inventory control. International Journal of Production Economics, 2004, 90, 295-309.	5.1	111
10	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
11	On variance amplification in a three-echelon supply chain with minimum mean square error forecasting. Omega, 2006, 34, 344-358.	3.6	109
12	Reducing the bullwhip effect: Looking through the appropriate lens. International Journal of Production Economics, 2007, 108, 444-453.	5.1	91
13	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
14	Bullwhip and inventory variance in a closed loop supply chain. OR Spectrum, 2006, 28, 127-149.	2.1	89
15	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
16	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
17	Towards responsive vehicle supply: a simulation-based investigation into automotive scheduling systems. Journal of Operations Management, 2005, 23, 507-530.	3.3	74
18	Inventory management for stochastic lead times with order crossovers. European Journal of Operational Research, 2016, 248, 473-486.	3.5	73

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19	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
20	The myopic Order-Up-To policy with a proportional feedback controller. International Journal of Production Research, 2007, 45, 351-368.	4.9	66
21	Stability analysis of constrained inventory systems with transportation delay. European Journal of Operational Research, 2012, 223, 86-95.	3.5	65
22	Economies of collaboration in buildâ€toâ€model operations. Journal of Operations Management, 2019, 65, 753-773.	3.3	62
23	Is there a benefit to sharing market sales information? Linking theory and practice. Computers and Industrial Engineering, 2008, 54, 315-326.	3.4	59
24	Speeding up the progress curve towards effective supply chain management. Supply Chain Management, 2000, 5, 122-130.	3.7	58
25	Bullwhip and batching: An exploration. International Journal of Production Economics, 2006, 104, 408-418.	5.1	57
26	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
27	The governing dynamics of supply chains: The impact of altruistic behaviour. Automatica, 2006, 42, 1301-1309.	3.0	53
28	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
29	The value of coordination in a two-echelon supply chain. IIE Transactions, 2008, 40, 341-355.	2.1	47
30	Exploring nonlinear supply chains: the dynamics of capacity constraints. International Journal of Production Research, 2017, 55, 4053-4067.	4.9	46
31	A unified theory of the dynamics of closed-loop supply chains. European Journal of Operational Research, 2018, 269, 313-326.	3.5	44
32	Exploring the oscillatory dynamics of a forbidden returns inventory system. International Journal of Production Economics, 2014, 147, 3-12.	5.1	43
33	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
34	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
35	The inventory performance of forecasting methods: Evidence from the M3 competition data. International Journal of Forecasting, 2019, 35, 251-265.	3.9	38
36	Coordinating Supply Chains via Advanceâ€Order Discounts, Minimum Order Quantities, and Delegations. Production and Operations Management, 2017, 26, 2175-2186.	2.1	37

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37	A pragmatic approach to the design of bullwhip controllers. International Journal of Production Economics, 2010, 128, 556-568.	5.1	33
38	Controlling bullwhip and inventory variability with the golden smoothing rule. European Journal of Industrial Engineering, 2007, 1, 241.	0.5	30
39	Supply chain integration: an international comparison of maturity. Asia Pacific Journal of Marketing and Logistics, 2011, 23, 531-552.	1.8	30
40	Impact of market demand mis-specification on a two-level supply chain. International Journal of Production Economics, 2009, 121, 739-751.	5.1	29
41	Mitigating variance amplification under stochastic lead-time: The proportional control approach. European Journal of Operational Research, 2017, 256, 151-162.	3.5	29
42	Estimation in supply chain inventory management. International Journal of Production Research, 2006, 44, 1313-1330.	4.9	27
43	On the replenishment policy when the market demand information is lagged. International Journal of Production Economics, 2012, 135, 458-467.	5.1	27
44	A delayed demand supply chain: Incentives for upstream players. Omega, 2012, 40, 478-487.	3.6	27
45	A winâ€“win solution for the bullwhip problem. Production Planning and Control, 2008, 19, 702-711.	5.8	26
46	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
47	Dual Sourcing and Smoothing Under Nonstationary Demand Time Series: Reshoring with SpeedFactories. Management Science, 2022, 68, 1039-1057.	2.4	25
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	The influence of multi-product production strategy on factory induced bullwhip. International Journal of Production Research, 2009, 47, 5739-5759.	4.9	23
50	Coordinating lead times and safety stocks under autocorrelated demand. European Journal of Operational Research, 2014, 232, 52-63.	3.5	23
51	Revisiting rescheduling: MRP nervousness and the bullwhip effect. International Journal of Production Research, 2017, 55, 1992-2012.	4.9	23
52	Exploring the nonlinear dynamics of the lost-sales order-up-to policy. International Journal of Production Research, 2021, 59, 5809-5830.	4.9	21
53	The impact of stochastic lead times on the bullwhip effect under correlated demand and moving average forecasts. Omega, 2020, 93, 102033.	3.6	20
54	Explicit filters and supply chain design. Journal of Purchasing and Supply Management, 2003, 9, 73-81.	3.1	17

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55	Managing Bullwhip-induced risks in supply chains. International Journal of Risk Assessment and Management, 2008, 10, 238.	0.2	15
56	On the Lambert W function: Economic Order Quantity applications and pedagogical considerations. International Journal of Production Economics, 2012, 140, 756-764.	5.1	15
57	Inventory performance under staggered deliveries and autocorrelated demand. European Journal of Operational Research, 2016, 249, 1082-1091.	3.5	9
58	The yield rate paradox in closed-loop supply chains. International Journal of Production Economics, 2021, 239, 108187.	5.1	9
59	The Value of Coordination in a Two Echelon Supply Chain: Sharing Information, Policies and Parameters. SSRN Electronic Journal, 2007, , .	0.4	6
60	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
61	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
62	Dual Sourcing and Smoothing Under Non-Stationary Demand Time Series: Re-Shoring with Speedfactories. SSRN Electronic Journal, 2018, , .	0.4	5
63	Volume flexibility at responsive suppliers in reshoring decisions: Analysis of a dual sourcing inventory model. Production and Operations Management, 0, , .	2.1	5
64	When the Bullwhip Effect is an Increasing Function of the Lead Time. IFAC-PapersOnLine, 2019, 52, 2297-2302.	0.5	4
65	On the stationary stochastic response of an order-constrained inventory system. European Journal of Operational Research, 2022, , .	3.5	4
66	The Dynamics of Material Flows in Supply Chains. SSRN Electronic Journal, 0, , .	0.4	2
67	Supply Chain Collaboration, Inter-Firm Trust and Logistics Performance: Evidence from the Tourism Sector. SSRN Electronic Journal, 2012, , .	0.4	2
68	Coordinating Supply Chains Via Advance-Order Discounts, Minimum Order Quantities, and Delegations: The Case of Two Manufacturers. SSRN Electronic Journal, 2017, , .	0.4	1
69	The Nonlinear Dynamics of Order-Up-To Inventory Systems with Lost Sales. IFAC-PapersOnLine, 2019, 52, 2291-2296.	0.5	1
70	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
71	Reducing order and inventory variability under stochastic lead-time and correlated demand. , 2015, , .		0
72	On net stock amplification in the Damped Trend Order-Up-To system. , 2015, , .		0

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73	A Smoothing Replenishment Policy with Endogenous Lead Times. SSRN Electronic Journal, 0, , .	0.4	0
74	Commentary I. , 2008, , 1-1-1-4.		0
75	A Generalized Order-Up-To Policy and Altruistic Behaviour in a Three-Level Supply Chain. , 2009, , 190-213.		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	Service Levels in Make-to-Order Production: 3D Printing Applications. , 2020, , 61-75.		0