

# S Viswanathan

## List of Publications by Year in descending order

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33  
papers

1,363  
citations

567144

15  
h-index

414303

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

742  
citing authors

#	ARTICLE	IF	CITATIONS
1	A queueing-based optimization model for planning inventory of repaired components in a service center. <i>Computers and Industrial Engineering</i> , 2017, 106, 373-385.	3.4	13
2	Supply chain management in emerging markets. <i>Journal of Operations Management</i> , 2016, 46, 1-4.	3.3	31
3	Managing supply systems with partial information on shipment locations. <i>International Journal of Production Research</i> , 2016, 54, 2771-2779.	4.9	1
4	A New Two-Bin Policy for Inventory Systems with Differentiated Demand Classes. <i>Production and Operations Management</i> , 2015, 24, 840-850.	2.1	7
5	Optimal inventory rationing policy under service differentiation for multiple customer classes with deterministic demand. <i>International Journal of Services and Operations Management</i> , 2014, 18, 38.	0.1	2
6	Heuristics with guaranteed performance bounds for a manufacturing system with product recovery. <i>European Journal of Operational Research</i> , 2014, 232, 322-329.	3.5	11
7	Optimal work-in-process inventory levels for high-variety, low-volume manufacturing systems. <i>IIE Transactions</i> , 2010, 42, 379-391.	2.1	6
8	Coordination in vendor-buyer inventory systems: on price discounts, Stackelberg game and joint optimisation. <i>International Journal of Operational Research</i> , 2009, 6, 110.	0.1	6
9	Forecasting item-level demands: an analytical evaluation of top-down versus bottom-up forecasting in a production-planning framework. <i>IMA Journal of Management Mathematics</i> , 2008, 19, 207-218.	1.1	22
10	Evaluation of hierarchical forecasting for substitutable products. <i>International Journal of Services and Operations Management</i> , 2008, 4, 277.	0.1	10
11	Impact of demand uncertainty on coordinating supply chain inventories through common replenishment epochs. <i>Journal of the Operational Research Society</i> , 2007, 58, 964-971.	2.1	16
12	An Algorithm for Determining the Best Lower Bound for the Stochastic Joint Replenishment Problem. <i>Operations Research</i> , 2007, 55, 992-996.	1.2	15
13	Forecasting aggregate time series with intermittent subaggregate components: top-down versus bottom-up forecasting. <i>IMA Journal of Management Mathematics</i> , 2007, 19, 275-287.	1.1	12
14	Value of information exchange and synchronization in a multi-tier supply chain. <i>International Journal of Production Research</i> , 2007, 45, 5057-5074.	4.9	37
15	On the effectiveness of top-down strategy for forecasting autoregressive demands. <i>Naval Research Logistics</i> , 2007, 54, 176-188.	1.4	23
16	On "Optimal production policy with shelf life including shortages"™. <i>Journal of the Operational Research Society</i> , 2006, 57, 747-747.	2.1	1
17	The application of ABC analysis in production and logistics: an explanation for the apparent contradiction. <i>International Journal of Services and Operations Management</i> , 2005, 1, 257.	0.1	6
18	Supply chain inventory co-ordination through multiple, common replenishment epochs and selective discount. <i>International Journal of Logistics Research and Applications</i> , 2004, 7, 109-118.	5.6	9

#	ARTICLE	IF	CITATIONS
19	Discount pricing decisions in distribution channels with price-sensitive demand. <i>European Journal of Operational Research</i> , 2003, 149, 571-587.	3.5	186
20	On optimal algorithms for the joint replenishment problem. <i>Journal of the Operational Research Society</i> , 2002, 53, 1286-1290.	2.1	39
21	Strategic and technological innovations in supply chain management. <i>International Journal of Manufacturing Technology and Management</i> , 2002, 4, 264.	0.1	13
22	On 'Manufacturing batch size and ordering policy for products with shelf lives'. <i>International Journal of Production Research</i> , 2002, 40, 1965-1970.	4.9	8
23	Coordinating supply chain inventories through common replenishment epochs. <i>European Journal of Operational Research</i> , 2001, 129, 277-286.	3.5	250
24	Incorporating planned backorders in a family production context with shelf-life considerations. <i>International Journal of Production Research</i> , 2000, 38, 829-836.	4.9	39
25	Optimal strategy for the integrated vendor-buyer inventory model. <i>European Journal of Operational Research</i> , 1998, 105, 38-42.	3.5	164
26	Integrating Routing and Inventory Decisions in One-Warehouse Multiretailer Multiproduct Distribution Systems. <i>Management Science</i> , 1997, 43, 294-312.	2.4	160
27	Note. Periodic Review ( <i>s</i> , <i>S</i> ) Policies for Joint Replenishment Inventory Systems. <i>Management Science</i> , 1997, 43, 1447-1454.	2.4	80
28	Optimal cycle time and production rate in a family production context with shelf life considerations. <i>International Journal of Production Research</i> , 1997, 35, 1703-1712.	4.9	45
29	A new approach for solving the P-median problem in group technology. <i>International Journal of Production Research</i> , 1996, 34, 2691-2700.	4.9	37
30	A New Optimal Algorithm for the Joint Replenishment Problem. <i>Journal of the Operational Research Society</i> , 1996, 47, 936-944.	2.1	71
31	A note on "Effect of production cost on shelf life". <i>International Journal of Production Research</i> , 1995, 33, 3485-3486.	4.9	13
32	Configuring cellular manufacturing systems: a quadratic integer programming formulation and a simple interchange heuristic. <i>International Journal of Production Research</i> , 1995, 33, 361-376.	4.9	26
33	Forecasting of service arrivals in a repair center. , 0, , .		4