

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 | Coordinating supply chain inventories through common replenishment epochs. <i>European Journal of Operational Research</i> , 2001, 129, 277-286. | 3.5 | 250 |
| 2 | Discount pricing decisions in distribution channels with price-sensitive demand. <i>European Journal of Operational Research</i> , 2003, 149, 571-587. | 3.5 | 186 |
| 3 | Optimal strategy for the integrated vendor-buyer inventory model. <i>European Journal of Operational Research</i> , 1998, 105, 38-42. | 3.5 | 164 |
| 4 | Integrating Routing and Inventory Decisions in One-Warehouse Multiretailer Multiproduct Distribution Systems. <i>Management Science</i> , 1997, 43, 294-312. | 2.4 | 160 |
| 5 | 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 |
| 6 | A New Optimal Algorithm for the Joint Replenishment Problem. <i>Journal of the Operational Research Society</i> , 1996, 47, 936-944. | 2.1 | 71 |
| 7 | 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 |
| 8 | 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 |
| 9 | On optimal algorithms for the joint replenishment problem. <i>Journal of the Operational Research Society</i> , 2002, 53, 1286-1290. | 2.1 | 39 |
| 10 | 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 |
| 11 | 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 |
| 12 | Supply chain management in emerging markets. <i>Journal of Operations Management</i> , 2016, 46, 1-4. | 3.3 | 31 |
| 13 | 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 |
| 14 | On the effectiveness of top-down strategy for forecasting autoregressive demands. <i>Naval Research Logistics</i> , 2007, 54, 176-188. | 1.4 | 23 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | A note on "Effect of production cost on shelf life". <i>International Journal of Production Research</i> , 1995, 33, 3485-3486. | 4.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Strategic and technological innovations in supply chain management. International Journal of Manufacturing Technology and Management, 2002, 4, 264. | 0.1 | 13 |
| 20 | A queueing-based optimization model for planning inventory of repaired components in a service center. Computers and Industrial Engineering, 2017, 106, 373-385. | 3.4 | 13 |
| 21 | Forecasting aggregate time series with intermittent subaggregate components: top-down versus bottom-up forecasting. IMA Journal of Management Mathematics, 2007, 19, 275-287. | 1.1 | 12 |
| 22 | Heuristics with guaranteed performance bounds for a manufacturing system with product recovery. European Journal of Operational Research, 2014, 232, 322-329. | 3.5 | 11 |
| 23 | Evaluation of hierarchical forecasting for substitutable products. International Journal of Services and Operations Management, 2008, 4, 277. | 0.1 | 10 |
| 24 | Supply chain inventory co-ordination through multiple, common replenishment epochs and selective discount. International Journal of Logistics Research and Applications, 2004, 7, 109-118. | 5.6 | 9 |
| 25 | On 'Manufacturing batch size and ordering policy for products with shelf lives'. International Journal of Production Research, 2002, 40, 1965-1970. | 4.9 | 8 |
| 26 | A New Two-€Bin Policy for Inventory Systems with Differentiated Demand Classes. Production and Operations Management, 2015, 24, 840-850. | 2.1 | 7 |
| 27 | The application of ABC analysis in production and logistics: an explanation for the apparent contradiction. International Journal of Services and Operations Management, 2005, 1, 257. | 0.1 | 6 |
| 28 | Coordination in vendor-buyer inventory systems: on price discounts, Stackelberg game and joint optimisation. International Journal of Operational Research, 2009, 6, 110. | 0.1 | 6 |
| 29 | Optimal work-in-process inventory levels for high-variety, low-volume manufacturing systems. IIE Transactions, 2010, 42, 379-391. | 2.1 | 6 |
| 30 | Forecasting of service arrivals in a repair center. , 0, , . | | 4 |
| 31 | Optimal inventory rationing policy under service differentiation for multiple customer classes with deterministic demand. International Journal of Services and Operations Management, 2014, 18, 38. | 0.1 | 2 |
| 32 | On 'Optimal production policy with shelf life including shortages'™. Journal of the Operational Research Society, 2006, 57, 747-747. | 2.1 | 1 |
| 33 | Managing supply systems with partial information on shipment locations. International Journal of Production Research, 2016, 54, 2771-2779. | 4.9 | 1 |