

# Rajesh Piplani

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

989  
citations

623574

14  
h-index

580701

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

782  
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	Vehicle scheduling and routing at a cross docking center for food supply chains. <i>International Journal of Production Economics</i> , 2014, 152, 29-41.	5.1	118
3	Supply-side collaboration and its value in supply chains. <i>European Journal of Operational Research</i> , 2004, 152, 281-288.	3.5	90
4	Sustainable supply chain management. <i>International Journal of Production Economics</i> , 2008, 111, 193-194.	5.1	65
5	A coordination framework for supply chain inventory alignment. <i>Journal of Manufacturing Technology Management</i> , 2005, 16, 598-614.	3.3	50
6	Redesigning closed-loop service network at a computer manufacturer: A case study. <i>International Journal of Production Economics</i> , 2008, 111, 244-260.	5.1	49
7	Robust optimisation approach to the design of service networks for reverse logistics. <i>International Journal of Production Research</i> , 2012, 50, 1424-1437.	4.9	44
8	A two-period supply contract model for a decentralized assembly system. <i>European Journal of Operational Research</i> , 2008, 187, 257-274.	3.5	43
9	Deep reinforcement learning for dynamic scheduling of a flexible job shop. <i>International Journal of Production Research</i> , 2022, 60, 4049-4069.	4.9	42
10	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
11	Evaluation of entropy-based dispatching in flexible manufacturing systems. <i>European Journal of Operational Research</i> , 2007, 176, 317-331.	3.5	37
12	Forecasting aggregate demand: An analytical evaluation of top-down versus bottom-up forecasting in a production planning framework. <i>International Journal of Production Economics</i> , 2009, 118, 87-94.	5.1	36
13	An optimal data-splitting algorithm for aircraft scheduling on a single runway to maximize throughput. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 95, 570-581.	3.9	31
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 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
16	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
17	Performance comparison of multiple product kanban control systems. <i>International Journal of Production Research</i> , 2018, 56, 1299-1312.	4.9	9
18	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

#	ARTICLE	IF	CITATIONS
19	Dynamic capacity and variable runway configurations in airport slot allocation. Computers and Industrial Engineering, 2021, 159, 107480.	3.4	6
20	Cross docking scheduling with delivery time window and temporary storage. , 2011, , .		5
21	The impact of fleet size on performance-based incentive management. Journal of the Operational Research Society, 2016, 67, 165-175.	2.1	5
22	Responsible & sustainable manufacturing. International Journal of Production Research, 2020, 58, 7181-7182.	4.9	4
23	A Decision-Tree Based Continuous Learning Framework for Real-Time Prediction of Runway Capacities. , 2021, , .		4
24	An optimal data-splitting algorithm for aircraft sequencing on two runways. Transportation Research Part C: Emerging Technologies, 2021, 132, 103403.	3.9	4
25	Comparison of capacity rationing policies for a make-to-order production system with two customer classes. International Journal of Industrial and Systems Engineering, 2014, 16, 223.	0.1	3
26	An optimal data-splitting algorithm for aircraft sequencing on a single runway. Annals of Operations Research, 2022, 309, 587-610.	2.6	3
27	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
28	A performance comparison between the Extended Kanban Control System (EKCS) and the Traditional Kanban Control System (TKCS). , 2010, , .		1
29	Flexible manufacturing systems: Decision support for design and operation. Journal of Manufacturing Systems, 1994, 13, 62-64.	7.6	0