

Milind Dawande

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

983

citations

17

h-index

29

g-index

79

ext. papers

1,224

ext. citations

3

avg, IF

4.44

L-index

#	Paper	IF	Citations
63	Sequencing and Scheduling in Robotic Cells: Recent Developments. <i>Journal of Scheduling</i> , 2005 , 8, 387-426	4.6	164
62	On Throughput Maximization in Constant Travel-Time Robotic Cells. <i>Manufacturing and Service Operations Management</i> , 2002 , 4, 296-312	4.6	81
61	Supply Chain Scheduling: Distribution Systems. <i>Production and Operations Management</i> , 2009 , 15, 243-261	4.6	67
60	Link scheduling in wireless sensor networks: Distributed edge-coloring revisited. <i>Journal of Parallel and Distributed Computing</i> , 2008 , 68, 1122-1134	4.4	62
59	Robotic Cells with Parallel Machines: Throughput Maximization in Constant Travel-Time Cells. <i>Journal of Scheduling</i> , 2004 , 7, 375-395	1.6	37
58	Throughput optimization in dual-gripper interval robotic cells. <i>IIE Transactions</i> , 2009 , 42, 1-15		34
57	Maximizing Revenue Through Two-Dimensional Shelf-Space Allocation. <i>Production and Operations Management</i> , 2015 , 24, 1148-1163	3.6	33
56	Efficient Distribution of Water Between Head-Reach and Tail-End Farms in Developing Countries. <i>Manufacturing and Service Operations Management</i> , 2013 , 15, 221-238	4.6	31
55	Approximation algorithms for k-unit cyclic solutions in robotic cells. <i>European Journal of Operational Research</i> , 2005 , 162, 291-309	5.6	31
54	Milking the Quality Test: Improving the Milk Supply Chain Under Competing Collection Intermediaries. <i>Management Science</i> , 2016 , 62, 1259-1277	3.9	30
53	Throughput Optimization in Constant Travel-Time Dual Gripper Robotic Cells with Parallel Machines. <i>Production and Operations Management</i> , 2009 , 15, 311-328	3.6	25
52	Approximations to Optimal k-Unit Cycles for Single-Gripper and Dual-Gripper Robotic Cells. <i>Production and Operations Management</i> , 2008 , 17, 551-563	3.6	20
51	Supplier Centrality and Auditing Priority in Socially Responsible Supply Chains. <i>Manufacturing and Service Operations Management</i> , 2020 , 22, 1199-1214	4.6	18
50	Optimal Policy for a Stochastic Scheduling Problem with Applications to Surgical Scheduling. <i>Production and Operations Management</i> , 2016 , 25, 1194-1202	3.6	18
49	Improving the Milk Supply Chain in Developing Countries: Analysis, Insights, and Recommendations. <i>Production and Operations Management</i> , 2014 , 23, 1098-1112	3.6	18
48	Not Just a Fad: Optimal Sequencing in Mobile In-App Advertising. <i>Information Systems Research</i> , 2017 , 28, 511-528	3.8	17
47	Pool-Point Distribution of Zero-Inventory Products. <i>Production and Operations Management</i> , 2011 , 20, 737-753	3.6	17

46	Multiple Part-Type Production in Robotic Cells: Equivalence of Two Real-World Models. <i>Manufacturing and Service Operations Management</i> , 2009 , 11, 210-228	4.6	17
45	Quantifying the Impact of Layout on Productivity: An Analysis from Robotic-Cell Manufacturing. <i>Operations Research</i> , 2011 , 59, 440-454	2.3	16
44	Managing a Bank's Currency Inventory Under New Federal Reserve Guidelines. <i>Manufacturing and Service Operations Management</i> , 2007 , 9, 147-167	4.6	15
43	Variable Sized Bin Packing With Color Constraints. <i>Electronic Notes in Discrete Mathematics</i> , 2001 , 7, 154-157	1.57	15
42	Dedicated Transportation Subnetworks: Design, Analysis, and Insights. <i>Production and Operations Management</i> , 2014 , 23, 138-159	3.6	13
41	Optimal Descending Mechanisms for Constrained Procurement. <i>Production and Operations Management</i> , 2015 , 24, 1955-1965	3.6	11
40	An Analysis of Coordination Mechanisms for the U.S. Cash Supply Chain. <i>Management Science</i> , 2010 , 56, 553-570	3.9	11
39	Scheduling a two-stage flowshop under makespan constraint. <i>Mathematical and Computer Modelling</i> , 2006 , 44, 73-84		10
38	Retail Deliveries by Drones: How Will Logistics Networks Change?. <i>Production and Operations Management</i> , 2020 , 29, 2019-2034	3.6	10
37	Optimal Coordination in Distributed Software Development. <i>Production and Operations Management</i> , 2016 , 25, 56-76	3.6	10
36	Forecast Horizons for a Class of Dynamic Lot-Size Problems Under Discrete Future Demand. <i>Operations Research</i> , 2007 , 55, 688-702	2.3	9
35	Distressed Selling by Farmers: Model, Analysis, and Use in Policy-Making. <i>Production and Operations Management</i> , 2017 , 26, 1803-1818	3.6	8
34	Supply planning models for a remanufacturer under just-in-time manufacturing environment with reverse logistics. <i>Annals of Operations Research</i> , 2016 , 240, 533-581	3.2	8
33	Procurement Policies for Mobile-Promotion Platforms. <i>Management Science</i> , 2018 , 64, 4590-4607	3.9	8
32	Forecast and rolling horizons under demand substitution and production changeovers: analysis and insights. <i>IIE Transactions</i> , 2013 , 45, 323-340		8
31	Analysis of Revenue Maximization Under Two Movie-Screening Policies. <i>Production and Operations Management</i> , 2010 , 19, 111-124	3.6	8
30	On the Interaction Between Demand Substitution and Production Changeovers. <i>Manufacturing and Service Operations Management</i> , 2010 , 12, 682-691	4.6	8
29	A (10/7)-approximation algorithm for an optimum cyclic solution in additive travel-time robotic cells. <i>IIE Transactions</i> , 2007 , 39, 217-227		8

28	A Depository Institution's Optimal Currency Supply Network Under the Fed's New Guidelines: Operating Policies, Logistics, and Impact. <i>Production and Operations Management</i> , 2010 , 19, 709-724	3.6	7
27	Optimal Incentive Contracts in Project Management. <i>Production and Operations Management</i> , 2019 , 28, 1431-1445	3.6	6
26	Discrete forecast horizons for two-product variants of the dynamic lot-size problem. <i>International Journal of Production Economics</i> , 2009 , 120, 430-436	9.3	6
25	Value-Driven Creation of Functionality in Software Projects: Optimal Sequencing and Reuse. <i>Production and Operations Management</i> , 2009 , 16, 381-399	3.6	6
24	Ad-Blockers: A Blessing or a Curse?. <i>Information Systems Research</i> , 2020 , 31, 627-646	3.8	5
23	Shaping the Values of a Milk Cooperative: Theoretical and Practical Considerations. <i>Production and Operations Management</i> , 2019 , 28, 2259-2278	3.6	5
22	Pricing and Logistics Decisions for a Private-Sector Provider in the Cash Supply Chain. <i>Production and Operations Management</i> , 2012 , 21, 954-974	3.6	5
21	Computing Minimal Forecast Horizons: An Integer Programming Approach. <i>Mathematical Modelling and Algorithms</i> , 2006 , 5, 239-258		5
20	Industrial symbiosis: Impact of competition on firms' willingness to implement. <i>IIE Transactions</i> , 2021 , 53, 897-913	3.3	5
19	Optimal Procurement Auctions Under Multistage Supplier Qualification. <i>Manufacturing and Service Operations Management</i> , 2018 , 20, 566-582	4.6	4
18	Integrality in Stochastic Inventory Models. <i>Production and Operations Management</i> , 2014 , 23, 1646-1663	3.6	4
17	An Economic Analysis of Agricultural Support Prices in Developing Economies. <i>Production and Operations Management</i> , 2021 , 30, 3036	3.6	4
16	Sustaining a Good Impression: Mechanisms for Selling Partitioned Impressions at Ad Exchanges. <i>Information Systems Research</i> , 2020 , 31, 126-147	3.8	3
15	A Short-Range Scheduling Model for Blockbuster's Order-Processing Operation. <i>Interfaces</i> , 2011 , 41, 466-484	0.7	3
14	Better to Bend than to Break: Sharing Supply Risk Using the Supply-Flexibility Contract. <i>Manufacturing and Service Operations Management</i> , 2020 ,	4.6	2
13	On Member-Driven, Efficient and Fair Timeshare Exchanges. <i>Production and Operations Management</i> , 2019 , 28, 189-205	3.6	2
12	Auditing, Inspections, and Testing for Social Responsibility in Supply Networks. <i>SSRN Electronic Journal</i> ,	1	2
11	Data-Driven Decisions for Problems with an Unspecified Objective Function. <i>INFORMS Journal on Computing</i> , 2019 , 31, 2-20	2.4	2

10	Auditing, Inspections, and Testing for Social Responsibility in Supply Networks. <i>Springer Series in Supply Chain Management</i> , 2021 , 243-259	0.9	2
9	On Integral Policies in Deterministic and Stochastic Distribution Systems. <i>Operations Research</i> , 2017 , 65, 703-711	2.3	1
8	Determining Process Capacity: Intractability and Efficient Special Cases. <i>Manufacturing and Service Operations Management</i> , 2019 , 21, 139-153	4.6	1
7	Balancing perfectly periodic service schedules: An application from recycling and waste management. <i>Naval Research Logistics</i> , 2012 , 59, 160-171	1.5	1
6	Retail Deliveries by Drones: How Will Logistics Networks Change?. <i>SSRN Electronic Journal</i> ,	1	1
5	Sustaining a Good Impression: Mechanisms for Selling 'Partitioned' Impressions at Ad-Exchanges. <i>SSRN Electronic Journal</i> ,	1	1
4	On the Structure of Bottlenecks in Processes. <i>Management Science</i> , 2020 ,	3.9	1
3	Technical Note Analysis of Scrip Systems: On an Open Question in Johnson et al. (2014). <i>Operations Research</i> , 2018 , 66, 611-619	2.3	0
2	Case Article The SafeBirth Clinic. <i>INFORMS Transactions on Education</i> , 2021 , 21, 145-147	0.3	
1	Case The SafeBirth Clinic. <i>INFORMS Transactions on Education</i> , 2021 , 21, 148-151	0.3	