Chelliah Sriskandarajah

List of Publications by Year
in descending order

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Version: 2024-02-01

63 papers	1,975 citations	318942 23 h-index	299063 42 g-index
63 all docs	63 docs citations	63 times ranked	1106 citing authors

#	Article	IF	Citations
1	A Framework for Analyzing Influencer Marketing in Social Networks: Selection and Scheduling of Influencers. Management Science, 2022, 68, 75-104.	2.4	58
2	Supply chain planning: A case for Hybrid Cross-Docks. Omega, 2022, 108, 102585.	3.6	9
3	Adaptive Capacity Planning for Ambulatory Surgery Centers. Manufacturing and Service Operations Management, 2022, 24, 3135-3157.	2.3	3
4	Examining the Impacts of Clinical Practice Variation on Operational Performance. Production and Operations Management, 2021, 30, 839-863.	2.1	4
5	Elasticity management for capacity planning in software as a service cloud computing. IISE Transactions, 2021, 53, 407-424.	1.6	11
6	Sustainability Planning for Healthcare Information Exchanges with Supplier Rebate Program. Operations Research, 2020, 68, 793-817.	1.2	9
7	Locationâ€Routing with Conflicting Objectives: Coordinating eBeam Phytosanitary Treatment and Distribution of Mexican Import Commodities. Production and Operations Management, 2020, 29, 1506-1531.	2.1	7
8	A Framework for Analyzing the U.S. Coin Supply Chain. Production and Operations Management, 2020, 29, 2736-2759.	2.1	3
9	Efficient algorithms for flexible job shop scheduling with parallel machines. Naval Research Logistics, 2020, 67, 272-288.	1.4	12
10	Scheduling Elective Surgeries with Emergency Patients at Shared Operating Rooms. Production and Operations Management, 2019, 28, 1407-1430.	2.1	39
11	Throughput Optimization in Circular Dualâ€Gripper Robotic Cells. Production and Operations Management, 2018, 27, 285-303.	2.1	10
12	Outpatient Appointment Block Scheduling Under Patient Heterogeneity and Patient Noâ€Shows. Production and Operations Management, 2018, 27, 28-48.	2.1	26
13	A review of recent theoretical development in scheduling dual-gripper robotic cells. International Journal of Production Research, 2018, 56, 817-847.	4.9	16
14	A Review of Operational Issues in Managing Physical Currency Supply Chains. Production and Operations Management, 2017, 26, 976-996.	2.1	13
15	Managing Retail Budget Allocation between Store Labor and Marketing Activities. Production and Operations Management, 2017, 26, 1615-1631.	2.1	12
16	Optimizing logistics operations in a country's currency supply network. IISE Transactions, 2017, 49, 223-237.	1.6	5
17	Supply planning models for a remanufacturer under just-in-time manufacturing environment with reverse logistics. Annals of Operations Research, 2016, 240, 533-581.	2.6	12
18	Maximizing Revenue Through Twoâ€Dimensional Shelfâ€Space Allocation. Production and Operations Management, 2015, 24, 1148-1163.	2.1	45

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19	Managing Logistics in Regional Banknote Supply Chain Under Security Concerns. Production and Operations Management, 2015, 24, 1966-1983.	2.1	11
20	Approximations to optimal sequences in single-gripper and dual-gripper robotic cells with circular layouts. IIE Transactions, 2015, 47, 634-652.	2.1	10
21	Dedicated Transportation Subnetworks: Design, Analysis, and Insights. Production and Operations Management, 2014, 23, 138-159.	2.1	16
22	Scheduling robotic cells served by a dual-arm robot. IIE Transactions, 2012, 44, 230-248.	2.1	23
23	Pricing and Logistics Decisions for a Privateâ€Sector Provider in the Cash Supply Chain. Production and Operations Management, 2012, 21, 954-974.	2.1	6
24	A Sales Forecast Model for Shortâ€Lifeâ€Cycle Products: New Releases at Blockbuster. Production and Operations Management, 2012, 21, 851-873.	2.1	24
25	Balancing perfectly periodic service schedules: An application from recycling and waste management. Naval Research Logistics, 2012, 59, 160-171.	1.4	4
26	A Short-Range Scheduling Model for Blockbuster's Order-Processing Operation. Interfaces, 2011, 41, 466-484.	1.6	3
27	Poolâ€Point Distribution of Zeroâ€Inventory Products. Production and Operations Management, 2011, 20, 737-753.	2.1	19
28	Quantifying the Impact of Layout on Productivity: An Analysis from Robotic-Cell Manufacturing. Operations Research, 2011, 59, 440-454.	1.2	17
29	Productivity Improvement From Using Machine Buffers in Dual-Gripper Cluster Tools. IEEE Transactions on Automation Science and Engineering, 2011, 8, 29-41.	3.4	29
30	Value of Local Cash Reuse: Inventory Models for Medium-Size Depository Institutions Under the New Federal Reserve Policy. Manufacturing and Service Operations Management, 2011, 13, 508-524.	2.3	8
31	On the Interaction Between Demand Substitution and Production Changeovers. Manufacturing and Service Operations Management, 2010, 12, 682-691.	2.3	13
32	Throughput optimization in robotic cells with input and output machine buffers: A comparative study of two key models. European Journal of Operational Research, 2010, 206, 623-633.	3.5	18
33	An Analysis of Coordination Mechanisms for the U.S. Cash Supply Chain. Management Science, 2010, 56, 553-570.	2.4	17
34	Analysis of Revenue Maximization Under Two Movieâ€Screening Policies. Production and Operations Management, 2010, 19, 111-124.	2.1	10
35	A Depository Institution's Optimal Currency Supply Network Under the Fed's New Guidelines: Operating Policies, Logistics, and Impact. Production and Operations Management, 2010, 19, 709-724.	2.1	11
36	Multiple Part-Type Production in Robotic Cells: Equivalence of Two Real-World Models. Manufacturing and Service Operations Management, 2009, 11, 210-228.	2.3	18

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37	Throughput optimization in dual-gripper interval robotic cells. IIE Transactions, 2009, 42, 1-15.	2.1	42
38	Supply chain scheduling: Just-in-time environment. Annals of Operations Research, 2008, 161, 53-86.	2.6	32
39	Approximations to Optimalk-Unit Cycles for Single-Gripper and Dual-Gripper Robotic Cells. Production and Operations Management, 2008, 17, 551-563.	2.1	22
40	Robotic cells with parallel machines and multiple dual gripper robots: a comparative overview. IIE Transactions, 2008, 40, 1211-1227.	2.1	38
41	A (10/7)-approximation algorithm for an optimum cyclic solution in additive travel-time robotic cells. IIE Transactions, 2007, 39, 217-227.	2.1	9
42	Managing a Bankâ€™s Currency Inventory Under New Federal Reserve Guidelines. Manufacturing and Service Operations Management, 2007, 9, 147-167.	2.3	19
43	Scheduling advertisements on a web page to maximize revenue. European Journal of Operational Research, 2006, 173, 1067-1089.	3.5	87
44	Scheduling dual gripper robotic cell: One-unit cycles. European Journal of Operational Research, 2006, 171, 598-631.	3.5	121
45	A Framework to Analyze Cash Supply Chains. Production and Operations Management, 2006, 15, 544-552.	2.1	27
46	Supply Chain Scheduling: Distribution Systems. Production and Operations Management, 2006, 15, 243-261.	2.1	76
47	Throughput Optimization in Constant Travelâ€Time Dual Gripper Robotic Cells with Parallel Machines. Production and Operations Management, 2006, 15, 311-328.	2.1	30
48	Approximation algorithms for k-unit cyclic solutions in robotic cells. European Journal of Operational Research, 2005, 162, 291-309.	3.5	34
49	Sequencing and Scheduling in Robotic Cells: Recent Developments. Journal of Scheduling, 2005, 8, 387-426.	1.3	188
50	A note on productivity gains in flexible robotic cells. Flexible Services and Manufacturing Journal, 2005, 17, 5-21.	0.4	14
51	Minimizing cycle time in large robotic cells. IIE Transactions, 2005, 37, 123-136.	2.1	29
52	Scheduling Multiple Parts in a Robotic Cell Served by a Dual-Gripper Robot. Operations Research, 2004, 52, 65-82.	1.2	63
53	On Throughput Maximization in Constant Travel-Time Robotic Cells. Manufacturing and Service Operations Management, 2002, 4, 296-312.	2.3	97
54	A Loop Material Flow System Design for Automated Guided Vehicles. Flexible Services and Manufacturing Journal, 2001, 13, 33-48.	0.4	36

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55	The block layout shortest loop design problem. IIE Transactions, 2000, 32, 727-734.	2.1	29
56	Parallel machine scheduling with a common server. Discrete Applied Mathematics, 2000, 102, 223-243.	0.5	120
57	The block layout shortest loop design problem. IIE Transactions, 2000, 32, 727-734.	2.1	9
58	TWOâ€•AND THREEâ€STAGE FLOWSHOP SCHEDULING WITH NOâ€WAIT IN PROCESS. Production and Operations Management, 2000, 9, 367-378.	2.1	10
59	Minimizing makespan in a pallet-constrained flowshop. Journal of Scheduling, 1999, 2, 115-133.	1.3	12
60	A heuristic for the two-machine no-wait openshop scheduling problem. Naval Research Logistics, 1999, 46, 129-145.	1.4	17
61	Scheduling large robotic cells without buffers. Annals of Operations Research, 1998, 76, 287-321.	2.6	53
62	Scheduling in robotic cells: Complexity and steady state analysis. European Journal of Operational Research, 1998, 109, 43-65.	3.5	89
63	Scheduling in Robotic Cells: Classification, Two and Three Machine Cells. Operations Research, 1997, 45, 421-439.	1.2	121