

Sophie D'Amours

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,411
citations

186265

28
h-index

223800

46
g-index

93
all docs

93
docs citations

93
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	A strategic framework for networked manufacturing. <i>Computers in Industry</i> , 2000, 42, 299-317.	9.9	121
2	Using Operational Research for Supply Chain Planning in the Forest Products Industry. <i>Infor</i> , 2008, 46, 265-281.	0.6	121
3	Networked manufacturing:. <i>International Journal of Production Economics</i> , 1999, 58, 63-79.	8.9	120
4	Information Sharing as a Coordination Mechanism for Reducing the Bullwhip Effect in a Supply Chain. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2007, 37, 396-409.	2.9	112
5	The value of sales and operations planning in oriented strand board industry with make-to-order manufacturing system: Cross functional integration under deterministic demand and spot market recourse. <i>International Journal of Production Economics</i> , 2008, 115, 189-209.	8.9	102
6	Integration of reverse logistics activities within a supply chain information system. <i>Computers in Industry</i> , 2005, 56, 105-124.	9.9	95
7	Cost allocation in the establishment of a collaborative transportation agreement – an application in the furniture industry. <i>Journal of the Operational Research Society</i> , 2011, 62, 960-970.	3.4	95
8	A framework for an efficient implementation of logistics collaborations. <i>International Transactions in Operational Research</i> , 2012, 19, 633-657.	2.7	88
9	A stochastic programming approach for designing supply loops. <i>International Journal of Production Economics</i> , 2008, 113, 657-677.	8.9	81
10	A network approach to operate agile manufacturing systems. <i>International Journal of Production Economics</i> , 2001, 74, 239-259.	8.9	72
11	Operations Research challenges in forestry: 33 open problems. <i>Annals of Operations Research</i> , 2015, 232, 11.	4.1	71
12	Agent-based supply-chain planning in the forest products industry. <i>Flexible Services and Manufacturing Journal</i> , 2007, 19, 358-391.	0.4	69
13	A survey on obstacles and difficulties of practical implementation of horizontal collaboration in logistics. <i>International Transactions in Operational Research</i> , 2019, 26, 775-793.	2.7	68
14	Inter-firm collaborations and supply chain coordination: review of key elements and case study. <i>Production Planning and Control</i> , 2014, 25, 858-872.	8.8	66
15	An empirical study on coalition formation and cost/savings allocation. <i>International Journal of Production Economics</i> , 2012, 136, 13-27.	8.9	58
16	Multi-item dynamic production-distribution planning in process industries with divergent finishing stages. <i>Computers and Operations Research</i> , 2006, 33, 3600-3623.	4.0	56
17	Furniture supply chain tactical planning optimization using a time decomposition approach. <i>European Journal of Operational Research</i> , 2008, 189, 952-970.	5.7	52
18	Multi-behavior agent model for planning in supply chains: An application to the lumber industry. <i>Robotics and Computer-Integrated Manufacturing</i> , 2008, 24, 664-679.	9.9	50

#	ARTICLE	IF	CITATIONS
19	Coordination and control in distributed and agent-based manufacturing systems. <i>Production Planning and Control</i> , 2004, 15, 42-54.	8.8	46
20	Simulation and performance evaluation of partially and fully integrated sales and operations planning. <i>International Journal of Production Research</i> , 2010, 48, 5859-5883.	7.5	41
21	Synchronized production distribution planning in a single-plant multi-destination network. <i>Journal of the Operational Research Society</i> , 2008, 59, 90-104.	3.4	38
22	Combined planning and scheduling in a divergent production system with co-production: A case study in the lumber industry. <i>Computers and Operations Research</i> , 2011, 38, 1238-1250.	4.0	36
23	On the risk of systematic drift under incoherent hierarchical forest management planning. <i>Canadian Journal of Forest Research</i> , 2013, 43, 480-492.	1.7	36
24	A mathematically-based framework for evaluating the technical and economic potential of integrating bioenergy production within pulp and paper mills. <i>Biomass and Bioenergy</i> , 2014, 63, 126-139.	5.7	36
25	A commitment-oriented framework for networked manufacturing co-ordination. <i>International Journal of Computer Integrated Manufacturing</i> , 2001, 14, 522-534.	4.6	35
26	A mixed integer programming model to evaluate integrating strategies in the forest value chain a case study in the Chilean forest industry. <i>Canadian Journal of Forest Research</i> , 2015, 45, 937-949.	1.7	35
27	Supply Chain Planning Models in the Pulp and Paper Industry. <i>Infor</i> , 2009, 47, 167-183.	0.6	32
28	Study of the performance of multi-behaviour agents for supply chain planning. <i>Computers in Industry</i> , 2009, 60, 698-708.	9.9	31
29	Coordinated Contract Decisions in a Make-to-Order Manufacturing Supply Chain: A Stochastic Programming Approach. <i>Production and Operations Management</i> , 2013, 22, 642-660.	3.8	31
30	Integrated optimization of strategic and tactical planning decisions in forestry. <i>European Journal of Operational Research</i> , 2017, 259, 1132-1143.	5.7	29
31	Agent-based simulations for advanced supply chain planning and scheduling: The FAMASS methodological framework for requirements analysis. <i>International Journal of Computer Integrated Manufacturing</i> , 2012, 25, 963-980.	4.6	27
32	A win-win collaboration approach for a two-echelon supply chain: a case study in the pulp and paper industry. <i>European Journal of Industrial Engineering</i> , 2010, 4, 493.	0.8	26
33	Collaboration for a two-echelon supply chain in the pulp and paper industry: the use of incentives to increase profit. <i>Journal of the Operational Research Society</i> , 2011, 62, 581-592.	3.4	26
34	Collaborative order management in distributed manufacturing. <i>International Journal of Production Research</i> , 2004, 42, 283-302.	7.5	25
35	Sustainable forest management using decision theaters: Rethinking participatory planning. <i>Journal of Cleaner Production</i> , 2018, 179, 567-580.	9.3	24
36	Lot sizing problem on a paper machine under a cyclic production approach. <i>International Journal of Production Economics</i> , 2007, 105, 318-328.	8.9	17

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37	Optimization Helps Shermag Gain Competitive Edge. <i>Interfaces</i> , 2009, 39, 329-345.	1.5	17
38	Agent-based experimental investigations of the robustness of tactical planning and control policies in a softwood lumber supply chain. <i>Production Planning and Control</i> , 2011, 22, 782-799.	8.8	15
39	Business Models for Collaborative Planning in Transportation: An Application to Wood Products. , 2007, , 667-676.		14
40	An Educational Game in Collaborative Logistics. <i>INFORMS Transactions on Education</i> , 2013, 13, 102-113.	0.5	13
41	Price-based planning and scheduling of multiproduct orders in symbiotic manufacturing networks. <i>European Journal of Operational Research</i> , 1997, 96, 148-166.	5.7	12
42	Essay on Conceptual Modeling, Analysis and Illustration of Agent-Based Simulations for Distributed Supply Chain Planning. <i>Infor</i> , 2008, 46, 97-116.	0.6	11
43	Optimization/simulation-based framework for the evaluation of supply chain management policies in the forest product industry. , 2012, , .		11
44	Conceptual framework for the design and management of value loops " application to a wheelchair allocation context. <i>Production Planning and Control</i> , 2009, 20, 703-723.	8.8	10
45	Integrated methodological frameworks for modelling agent-based advanced supply chain planning systems: A systematic literature review. <i>Journal of Industrial Engineering and Management</i> , 2011, 4, .	1.5	10
46	A scenario-based modelling approach to identify robust transformation strategies for pulp and paper companies. <i>International Journal of Production Economics</i> , 2015, 168, 41-63.	8.9	10
47	Game" The Online Wood Supply Game. <i>INFORMS Transactions on Education</i> , 2017, 18, 71-87.	0.5	10
48	CarbonRoadMap: A multicriteria decision tool for multimodal transportation. <i>International Journal of Sustainable Transportation</i> , 2020, 14, 205-214.	4.1	10
49	Cradle-to-Gate Life-Cycle Assessment of a Glued-Laminated Wood Product from Quebec's Boreal Forest. <i>Forest Products Journal</i> , 2013, 63, 190-198.	0.4	10
50	Issues in Collaborative Logistics. <i>Energy Systems</i> , 2010, , 395-409.	0.5	9
51	Agent-Based Supply Chain Planning in the Forest Products Industry. , 2006, , 17-26.		9
52	A bi-level model formulation for the distributed wood supply planning problem. <i>Canadian Journal of Forest Research</i> , 2018, 48, 160-171.	1.7	8
53	Exploratory case studies on manufacturing agility in the furniture industry. <i>Management Research Review</i> , 2009, 32, 424-439.	0.7	7
54	A Modeling Framework for Maximizing Value Creation in Pulp and Paper Mills. <i>Infor</i> , 2009, 47, 247-260.	0.6	7

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55	Modeling agent-based simulations for supply chain planning: The FAMASS methodological framework. , 2010, , .		7
56	Supply Chain Coordination Using an Adaptive Distributed Search Strategy. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1424-1438.	2.9	7
57	Supply chain modelling frameworks for forest products industry: a systematic literature review. Infor, 2016, 54, 52-75.	0.6	7
58	Tactical and Operational Harvest Planning. Managing Forest Ecosystems, 2014, , 239-267.	0.9	6
59	Impact of Benefit Sharing Among Companies in the Implantation of a Collaborative Transportation System - An Application in the Furniture Industry. International Federation for Information Processing, 2008, , 519-532.	0.4	6
60	Synchronized Production-Distribution Planning in the Pulp and Paper Industry. , 2005, , 323-350.		5
61	Developing training for industrial wood supply management. International Journal of Forest Engineering, 2014, 25, 101-112.	0.8	5
62	Timber selling policies using bundle-based auction: The case of public forests in QuÃ©bec. Forest Policy and Economics, 2018, 96, 9-18.	3.4	5
63	Integrating revenue management and sales and operations planning in a Make-To-Stock environment: softwood lumber case study. Infor, 2019, 57, 314-341.	0.6	5
64	A Strategic Forest Management Model for Optimizing Timber Yield and Carbon Sequestration. Forest Science, 2021, 67, 205-218.	1.0	5
65	Design of Reverse Logistics Networks for Multiproducts, Multistates, and Multiprocessing Alternatives. , 2007, , 181-211.		5
66	Spreadsheet vs. multiagent-based simulations in the study of decision making in supply chains. International Journal of Simulation and Process Modelling, 2008, 4, 89.	0.2	4
67	Advances in profit-driven order promising for make-to-stock environments â€” a case study with a Canadian softwood lumber manufacturer. Infor, 2016, 54, 210-233.	0.6	4
68	Generic Mechanisms for Coordinating Operations and Sharing Financial Benefits in Collaborative Logistics. International Federation for Information Processing, 2010, , 537-544.	0.4	4
69	An Educational Game with <i>Dragonsâ€™ Den</i> Experiences for Supply Chain Management Training. INFORMS Transactions on Education, 2020, 21, 1-17.	0.5	3
70	Design, Implementation and Test of Collaborative Strategies in the Supply Chain. Studies in Computational Intelligence, 2006, , 247-272.	0.9	3
71	Coordination mechanism design in supply chains using multi-behaviour agents. International Journal of Electronic Business, 2010, 8, 281.	0.4	2
72	Configuration and evaluation of an integrated demand management process using a space-filling design and Kriging metamodeling. Operations Research Perspectives, 2018, 5, 45-58.	2.1	2

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73	A Distributed Framework for Collaborative Supply Network Integration. IFIP Advances in Information and Communication Technology, 2001, , 233-243.	0.7	2
74	La collaboration inter entreprises dans le secteur alimentaire. Revue Française De Gestion Industrielle, 2004, 23, 125-138.	1.2	2
75	Collaborative Event Management in Supply Chains: An Agent-Based Approach. , 0, , 89-98.		2
76	Unquality-costing sampling plans by variables and their implications on supply relationships. International Journal of Production Economics, 1993, 32, 315-326.	8.9	1
77	Special issue on supply chain management and collaborative logistics. International Transactions in Operational Research, 2012, 19, 631-632.	2.7	1
78	The Netman Agent-Based Architecture for E-Business in Network Organizations. IFIP Advances in Information and Communication Technology, 2001, , 157-166.	0.7	1
79	Pulp and Paper Supply Chain Management. Managing Forest Ecosystems, 2014, , 489-516.	0.9	1
80	The Role of Organizational Competences in the Evolution of Business Models. International Federation for Information Processing, 2010, , 396-403.	0.4	1
81	Methodology for Assessing Collaboration Strategies and Incentives in the Pulp and Paper Industry. , 2011, , 625-650.		1
82	A decision support system for operations scheduling in a distributed environment. Journal of Decision Systems, 1996, 5, 51-71.	3.2	0
83	Study of social consciousness in stochastic agent based simulations. , 2006, , .		0
84	Kriging analysis of an integrated demand management process in softwood industry. IFAC-PapersOnLine, 2017, 50, 6190-6195.	0.9	0
85	SIMULATING AN INTEGRATED REVENUE MANAGEMENT APPROACH IN A PRODUCTION SYSTEM WITH PRODUCT SUBSTITUTION. , 2018, , .		0
86	Activity-Based Life-Cycle Costing applied to an innovative forestry company product portfolio. Economics Management and Sustainability, 2021, 6, 6-26.	0.6	0
87	An Agility Reference Model for the Manufacturing Enterprise: The Example of the Furniture Industry. , 2009, , 403-426.		0
88	Wood-based construction project supplier selection under uncertain starting date. International Journal of Services and Operations Management, 2018, 30, 480.	0.2	0