

# Sophie D Amours

## 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.

88

papers

1,882

citations

28

h-index

41

g-index

93

ext. papers

2,109

ext. citations

3.5

avg, IF

4.82

L-index

#	Paper	IF	Citations
88	Using Operational Research for Supply Chain Planning in the Forest Products Industry. <i>Infor</i> , <b>2008</b> , 46, 265-281	0.5	101
87	Networked manufacturing:: The impact of information sharing. <i>International Journal of Production Economics</i> , <b>1999</b> , 58, 63-79	9.3	98
86	A strategic framework for networked manufacturing. <i>Computers in Industry</i> , <b>2000</b> , 42, 299-317	11.6	95
85	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2007</b> , 37, 396-409		86
84	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> , <b>2008</b> , 115, 189-209	9.3	79
83	Cost allocation in the establishment of a collaborative transportation agreementâ€”an application in the furniture industry. <i>Journal of the Operational Research Society</i> , <b>2011</b> , 62, 960-970	2	77
82	A stochastic programming approach for designing supply loops. <i>International Journal of Production Economics</i> , <b>2008</b> , 113, 657-677	9.3	72
81	Integration of reverse logistics activities within a supply chain information system. <i>Computers in Industry</i> , <b>2005</b> , 56, 105-124	11.6	72
80	A framework for an efficient implementation of logistics collaborations. <i>International Transactions in Operational Research</i> , <b>2012</b> , 19, 633-657	2.9	70
79	Operations Research challenges in forestry: 33 open problems. <i>Annals of Operations Research</i> , <b>2015</b> , 232, 11	3.2	61
78	A network approach to operate agile manufacturing systems. <i>International Journal of Production Economics</i> , <b>2001</b> , 74, 239-259	9.3	61
77	Agent-based supply-chain planning in the forest products industry. <i>Flexible Services and Manufacturing Journal</i> , <b>2007</b> , 19, 358-391		56
76	Inter-firm collaborations and supply chain coordination: review of key elements and case study. <i>Production Planning and Control</i> , <b>2014</b> , 25, 858-872	4.3	53
75	Multi-item dynamic production-distribution planning in process industries with divergent finishing stages. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 3600-3623	4.6	47
74	An empirical study on coalition formation and cost/savings allocation. <i>International Journal of Production Economics</i> , <b>2012</b> , 136, 13-27	9.3	46
73	Furniture supply chain tactical planning optimization using a time decomposition approach. <i>European Journal of Operational Research</i> , <b>2008</b> , 189, 952-970	5.6	43
72	Coordination and control in distributed and agent-based manufacturing systems. <i>Production Planning and Control</i> , <b>2004</b> , 15, 42-54	4.3	38

71	Multi-behavior agent model for planning in supply chains: An application to the lumber industry. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2008</b> , 24, 664-679	9.2	36
70	A survey on obstacles and difficulties of practical implementation of horizontal collaboration in logistics. <i>International Transactions in Operational Research</i> , <b>2019</b> , 26, 775-793	2.9	35
69	Simulation and performance evaluation of partially and fully integrated sales and operations planning. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 5859-5883	7.8	34
68	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> , <b>2011</b> , 38, 1238-1250	4.6	31
67	Synchronized production–distribution planning in a single-plant multi-destination network. <i>Journal of the Operational Research Society</i> , <b>2008</b> , 59, 90-104	2	30
66	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> , <b>2014</b> , 63, 126-139	5.3	29
65	Study of the performance of multi-behaviour agents for supply chain planning. <i>Computers in Industry</i> , <b>2009</b> , 60, 698-708	11.6	29
64	Supply Chain Management and Multiagent Systems: An Overview. <i>Studies in Computational Intelligence</i> , <b>2006</b> , 1-27	0.8	29
63	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> , <b>2015</b> , 45, 937-949	1.9	28
62	On the risk of systematic drift under incoherent hierarchical forest management planning. <i>Canadian Journal of Forest Research</i> , <b>2013</b> , 43, 480-492	1.9	28
61	A commitment-oriented framework for networked manufacturing co-ordination. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2001</b> , 14, 522-534	4.3	28
60	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> , <b>2011</b> , 62, 581-592	2	25
59	Coordinated Contract Decisions in a Make-to-Order Manufacturing Supply Chain: A Stochastic Programming Approach. <i>Production and Operations Management</i> , <b>2013</b> , 22, 642-660	3.6	24
58	Supply Chain Planning Models in the Pulp and Paper Industry. <i>Infor</i> , <b>2009</b> , 47, 167-183	0.5	24
57	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> , <b>2012</b> , 25, 963-980	4.3	22
56	Integrated optimization of strategic and tactical planning decisions in forestry. <i>European Journal of Operational Research</i> , <b>2017</b> , 259, 1132-1143	5.6	19
55	Collaborative order management in distributed manufacturing. <i>International Journal of Production Research</i> , <b>2004</b> , 42, 283-302	7.8	19
54	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> , <b>2010</b> , 4, 493	1.1	18

53	Lot sizing problem on a paper machine under a cyclic production approach. <i>International Journal of Production Economics</i> , <b>2007</b> , 105, 318-328	9.3	16
52	Sustainable forest management using decision theaters: Rethinking participatory planning. <i>Journal of Cleaner Production</i> , <b>2018</b> , 179, 567-580	10.3	14
51	Optimization Helps Shermag Gain Competitive Edge. <i>Interfaces</i> , <b>2009</b> , 39, 329-345	0.7	13
50	Business Models for Collaborative Planning in Transportation: An Application to Wood Products <b>2007</b> , 667-676		12
49	An Educational Game in Collaborative Logistics. <i>INFORMS Transactions on Education</i> , <b>2013</b> , 13, 102-113	0.3	11
48	Optimization/simulation-based framework for the evaluation of supply chain management policies in the forest product industry <b>2012</b> ,		10
47	A scenario-based modelling approach to identify robust transformation strategies for pulp and paper companies. <i>International Journal of Production Economics</i> , <b>2015</b> , 168, 41-63	9.3	9
46	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> , <b>2011</b> , 22, 782-799	4.3	9
45	Price-based planning and scheduling of multiproduct orders in symbiotic manufacturing networks. <i>European Journal of Operational Research</i> , <b>1997</b> , 96, 148-166	5.6	9
44	Conceptual framework for the design and management of value loops â application to a wheelchair allocation context. <i>Production Planning and Control</i> , <b>2009</b> , 20, 703-723	4.3	8
43	Agent-Based Supply Chain Planning in the Forest Products Industry <b>2006</b> , 17-26		8
42	Integrated methodological frameworks for modelling agent-based advanced supply chain planning systems: A systematic literature review. <i>Journal of Industrial Engineering and Management</i> , <b>2011</b> , 4,	1.7	7
41	Supply Chain Coordination Using an Adaptive Distributed Search Strategy. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2012</b> , 42, 1424-1438		6
40	Issues in Collaborative Logistics. <i>Energy Systems</i> , <b>2010</b> , 395-409	0.4	6
39	A Modeling Framework for Maximizing Value Creation in Pulp and Paper Mills. <i>Infor</i> , <b>2009</b> , 47, 247-260	0.5	6
38	Essay on Conceptual Modeling, Analysis and Illustration of Agent-Based Simulations for Distributed Supply Chain Planning. <i>Infor</i> , <b>2008</b> , 46, 97-116	0.5	6
37	Cradle-to-Gate Life-Cycle Assessment of a Glued-Laminated Wood Product from Quebec's Boreal Forest. <i>Forest Products Journal</i> , <b>2013</b> , 63, 190-198	0.6	6
36	Supply chain modelling frameworks for forest products industry: a systematic literature review. <i>Infor</i> , <b>2016</b> , 54, 52-75	0.5	6

35	A bi-level model formulation for the distributed wood supply planning problem. <i>Canadian Journal of Forest Research</i> , <b>2018</b> , 48, 160-171	1.9	5
34	Modeling agent-based simulations for supply chain planning: The FAMASS methodological framework <b>2010</b> ,		5
33	Impact of Benefit Sharing Among Companies in the Implantation of a Collaborative Transportation System - An Application in the Furniture Industry. <i>International Federation for Information Processing</i> , <b>2008</b> , 519-532		5
32	Advances in profit-driven order promising for make-to-stock environments – a case study with a Canadian softwood lumber manufacturer. <i>Infor</i> , <b>2016</b> , 54, 210-233	0.5	4
31	Tactical and Operational Harvest Planning. <i>Managing Forest Ecosystems</i> , <b>2014</b> , 239-267	0.7	4
30	Exploratory case studies on manufacturing agility in the furniture industry. <i>Management Research Review</i> , <b>2009</b> , 32, 424-439		4
29	Spreadsheet vs. multiagent-based simulations in the study of decision making in supply chains. <i>International Journal of Simulation and Process Modelling</i> , <b>2008</b> , 4, 89	0.4	4
28	L'influence des facteurs internationaux sur la compétitivité des réseaux de création de valeur multinationaux: le cas des compagnies canadiennes de pâtes et papiers. <i>Gestion: Revue Internationale De Gestion</i> , <b>2006</b> , 31, 85	0	4
27	CarbonRoadMap: A multicriteria decision tool for multimodal transportation. <i>International Journal of Sustainable Transportation</i> , <b>2020</b> , 14, 205-214	3.6	4
26	Timber selling policies using bundle-based auction: The case of public forests in Québec. <i>Forest Policy and Economics</i> , <b>2018</b> , 96, 9-18	3.6	3
25	Design, Implementation and Test of Collaborative Strategies in the Supply Chain. <i>Studies in Computational Intelligence</i> , <b>2006</b> , 247-272	0.8	3
24	Generic Mechanisms for Coordinating Operations and Sharing Financial Benefits in Collaborative Logistics. <i>International Federation for Information Processing</i> , <b>2010</b> , 537-544		3
23	An Educational Game in Collaborative Logistics. <i>International Federation for Information Processing</i> , <b>2010</b> , 755-764		3
22	Integrating revenue management and sales and operations planning in a Make-To-Stock environment: softwood lumber case study. <i>Infor</i> , <b>2019</b> , 57, 314-341	0.5	2
21	Game – The Online Wood Supply Game. <i>INFORMS Transactions on Education</i> , <b>2017</b> , 18, 71-87	0.3	2
20	Operations Research in Forestry and Forest Products Industry <b>2011</b> ,		2
19	Coordination mechanism design in supply chains using multi-behaviour agents. <i>International Journal of Electronic Business</i> , <b>2010</b> , 8, 281	0.8	2
18	Synchronized Production-Distribution Planning in the Pulp and Paper Industry <b>2005</b> , 323-350		2

17	La collaboration inter entreprises dans le secteur alimentaire. <i>Revue Française De Gestion Industrielle</i> , <b>2004</b> , 23, 125-138		2
16	Design of Reverse Logistics Networks for Multiproducts, Multistates, and Multiprocessing Alternatives <b>2007</b> , 181-211		2
15	An Educational Game with DragonsâDen Experiences for Supply Chain Management Training. <i>INFORMS Transactions on Education</i> , <b>2020</b> , 21, 13-29	0.3	2
14	A Distributed Framework for Collaborative Supply Network Integration. <i>IFIP Advances in Information and Communication Technology</i> , <b>2001</b> , 233-243	0.5	2
13	Configuration and evaluation of an integrated demand management process using a space-filling design and Kriging metamodeling. <i>Operations Research Perspectives</i> , <b>2018</b> , 5, 45-58	2.1	1
12	Developing training for industrial wood supply management. <i>International Journal of Forest Engineering</i> , <b>2014</b> , 25, 101-112	1.1	1
11	Unquality-costing sampling plans by variables and their implications on supply relationships. <i>International Journal of Production Economics</i> , <b>1993</b> , 32, 315-326	9.3	1
10	Pulp and Paper Supply Chain Management. <i>Managing Forest Ecosystems</i> , <b>2014</b> , 489-516	0.7	1
9	The Role of Organizational Competences in the Evolution of Business Models. <i>International Federation for Information Processing</i> , <b>2010</b> , 396-403		1
8	Methodology for Assessing Collaboration Strategies and Incentives in the Pulp and Paper Industry <b>2011</b> , 625-650		1
7	The Netman Agent-Based Architecture for E-Business in Network Organizations. <i>IFIP Advances in Information and Communication Technology</i> , <b>2001</b> , 157-166	0.5	1
6	Competence-Based Approach in Value Chain Processes. <i>IFIP Advances in Information and Communication Technology</i> , <b>2009</b> , 227-234	0.5	0
5	A Strategic Forest Management Model for Optimizing Timber Yield and Carbon Sequestration. <i>Forest Science</i> , <b>2021</b> , 67, 205-218	1.4	0
4	Kriging analysis of an integrated demand management process in softwood industry. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 6190-6195	0.7	
3	A decision support system for operations scheduling in a distributed environment. <i>Journal of Decision Systems</i> , <b>1996</b> , 5, 51-71	1.2	
2	Collaborative Event Management in Supply Chains: An Agent-Based Approach89-98		
1	An Agility Reference Model for the Manufacturing Enterprise: The Example of the Furniture Industry <b>2009</b> , 403-426		