

# Salvatore Cannella

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,482  
citations

257450

24  
h-index

330143

37  
g-index

59  
all docs

59  
docs citations

59  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Bullwhip Avoidance Phase: supply chain collaboration and order smoothing. <i>International Journal of Production Research</i> , 2010, 48, 6739-6776.	7.5	117
2	Impact of reverse logistics on supply chain performance. <i>International Journal of Physical Distribution and Logistics Management</i> , 2013, 43, 564-585.	7.4	102
3	Closed-loop supply chains: What reverse logistics factors influence performance?. <i>International Journal of Production Economics</i> , 2016, 175, 35-49.	8.9	96
4	On the Bullwhip Avoidance Phase: The Synchronised Supply Chain. <i>European Journal of Operational Research</i> , 2012, 221, 49-63.	5.7	90
5	Metrics for bullwhip effect analysis. <i>Journal of the Operational Research Society</i> , 2013, 64, 1-16.	3.4	81
6	On bullwhip-limiting strategies in divergent supply chain networks. <i>Computers and Industrial Engineering</i> , 2014, 73, 85-95.	6.3	70
7	The effect of Inventory Record Inaccuracy in Information Exchange Supply Chains. <i>European Journal of Operational Research</i> , 2015, 243, 120-129.	5.7	59
8	Serial vs. divergent supply chain networks: a comparative analysis of the bullwhip effect. <i>International Journal of Production Research</i> , 2014, 52, 2194-2210.	7.5	49
9	The impact of the supply chain structure on bullwhip effect. <i>Applied Mathematical Modelling</i> , 2015, 39, 7309-7325.	4.2	49
10	Information sharing in supply chains with heterogeneous retailers. <i>Omega</i> , 2018, 79, 116-132.	5.9	49
11	Inventory policies and information sharing in multi-echelon supply chains. <i>Production Planning and Control</i> , 2011, 22, 649-659.	8.8	45
12	On the dynamics of closed-loop supply chains with capacity constraints. <i>Computers and Industrial Engineering</i> , 2019, 128, 91-103.	6.3	43
13	On the dynamics of closed-loop supply chains under remanufacturing lead time variability. <i>Omega</i> , 2020, 97, 102106.	5.9	39
14	Quantifying the Bullwhip Effect in closed-loop supply chains: The interplay of information transparencies, return rates, and lead times. <i>International Journal of Production Economics</i> , 2020, 230, 107798.	8.9	38
15	Capacity constrained supply chains: a simulation study. <i>International Journal of Simulation and Process Modelling</i> , 2008, 4, 139.	0.2	37
16	Order-Up-To policies in Information Exchange supply chains. <i>Applied Mathematical Modelling</i> , 2014, 38, 5553-5561.	4.2	37
17	Inventory record inaccuracy in supply chains: the role of workers' behavior. <i>International Journal of Physical Distribution and Logistics Management</i> , 2014, 44, 796-819.	7.4	36
18	OVAP: A strategy to implement partial information sharing among supply chain retailers. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 110, 122-136.	7.4	35

#	ARTICLE	IF	CITATIONS
19	Capacity restrictions and supply chain performance: Modelling and analysing load-dependent lead times. <i>International Journal of Production Economics</i> , 2018, 204, 264-277.	8.9	33
20	Inventory record inaccuracy – The impact of structural complexity and lead time variability. <i>Omega</i> , 2017, 68, 123-138.	5.9	32
21	On returns and network configuration in supply chain dynamics. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 73, 152-167.	7.4	29
22	An IT-enabled supply chain model: a simulation study. <i>International Journal of Systems Science</i> , 2014, 45, 2327-2341.	5.5	27
23	A simulation model of a coordinated decentralized supply chain. <i>International Transactions in Operational Research</i> , 2015, 22, 735-756.	2.7	27
24	Remanufacturing configuration in complex supply chains. <i>Omega</i> , 2021, 101, 102268.	5.9	27
25	Insights on Multi-Agent Systems Applications for Supply Chain Management. <i>Sustainability</i> , 2020, 12, 1935.	3.2	22
26	Current economic downturn and supply chain: the significance of demand and inventory smoothing. <i>International Journal of Computer Integrated Manufacturing</i> , 2014, 27, 201-212.	4.6	20
27	Proportional order-up-to policies for closed-loop supply chains: the dynamic effects of inventory controllers. <i>International Journal of Production Research</i> , 2021, 59, 3323-3337.	7.5	20
28	Quality grading of returns and the dynamics of remanufacturing. <i>International Journal of Production Economics</i> , 2021, 236, 108129.	8.9	20
29	Order-up-to-level policy update procedure for a supply chain subject to market demand uncertainty. <i>Computers and Industrial Engineering</i> , 2017, 113, 347-355.	6.3	17
30	An exploratory study of risk aversion in supply chain dynamics via human experiment and agent-based simulation. <i>International Journal of Production Research</i> , 2019, 57, 985-999.	7.5	16
31	Exploring a two-product unreliable manufacturing system as a capacity constraint for a two-echelon supply chain dynamic problem. <i>International Journal of Production Research</i> , 2022, 60, 1105-1133.	7.5	16
32	The implications of batching in the bullwhip effect and customer service of closed-loop supply chains. <i>International Journal of Production Economics</i> , 2022, 244, 108379.	8.9	15
33	Analysing the impact of production control policies on the dynamics of a two-product supply chain with capacity constraints. <i>International Journal of Production Research</i> , 2023, 61, 1913-1937.	7.5	13
34	SCOPE: A Multi-Agent system tool for supply chain network analysis. , 2015, , .		8
35	Modelling the Bullwhip Effect Dampening Practices in a Limited Capacity Production Network. <i>Lecture Notes in Business Information Processing</i> , 2009, , 475-486.	1.0	8
36	Turbulence in Market Demand on Supply Chain Networks. <i>International Journal of Simulation Modelling</i> , 2016, 15, 450-459.	1.3	7

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37	Demand Sharing Inaccuracies in Supply Chains: A Simulation Study. Complexity, 2018, 2018, 1-13.	1.6	6
38	Evolving Trends in Supply Chain Management: Complexity, New Technologies, and Innovative Methodological Approaches. Complexity, 2018, 2018, 1-3.	1.6	6
39	Up-to-Date Supply Chain Management: The Coordinated (S, R) Order-Up-to. Lecture Notes in Business Information Processing, 2010, , 175-185.	1.0	6
40	Mixed e-assessment: An application of the studentgenerated question technique. , 2010, , .		4
41	Methodological approach to study the dynamics of production networks: discrete-event simulation modelling. International Journal of Logistics Systems and Management, 2013, 16, 211.	0.2	4
42	E-MAINTENANCE PLATFORM: A BUSINESS PROCESS MODELLING APPROACH. DYNA (Colombia), 2014, 81, 31.	0.4	4
43	Information sharing in decentralised supply chains with partial collaboration. Flexible Services and Manufacturing Journal, 2022, 34, 263-292.	3.4	4
44	The APIOBPCS Deziel and Eilon parameter configuration in supply chain under progressive information sharing strategies. , 2008, , .		3
45	Supply chain modelling and analysis: an application of Latin square to a repeated coupling of non-linear differential equations. International Journal of Logistics Systems and Management, 2011, 9, 268.	0.2	3
46	Building Resilience in Closed-Loop Supply Chains through Information-Sharing Mechanisms. Sustainability, 2019, 11, 6746.	3.2	3
47	On the evaluation of arborescent supply chains with inventory errors. , 2015, , .		2
48	Modelling and Simulation in Operations and Complex Supply Chains. Mathematical Problems in Engineering, 2017, 2017, 1-3.	1.1	2
49	PANORAMA DE LOS SISTEMAS DE INFORMACION PARA LA GESTION DEL MANTENIMIENTO. Dyna (Spain), 2014, 89, 144-147.	0.2	2
50	Supply Chain Simulation: A System Dynamics Approach for Improving Performance. Transportation Journal, 2013, 52, 144-146.	0.7	1
51	Insights on Partial Information Sharing in Supply Chain dynamics. , 2015, , .		1
52	Production Inventory and Enterprise System Implementation: An Ex-ante No-Cost Based Evaluation. Lecture Notes in Business Information Processing, 2010, , 291-303.	1.0	1
53	Avoiding Demand Amplification Phenomenon via Hi-tech Application: A What-If Supply Chain Analysis. Lecture Notes in Business Information Processing, 2010, , 109-121.	1.0	1
54	The impact of collaboration and smoothing replenishment rules on supply chain performance. 4or, 2012, 10, 109-110.	1.6	0

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55	Modeling the operation of synchronized supply chains under a collaborative structure. Academia Revista Latinoamericana De Administracion, 2019, 32, 203-224.	1.1	0
56	Modelling and Analysis of the Apples Export Supply Chain Business Processes: Experiences from Chile. , 2019, , 29-52.		0
57	An empirical simulation study of a salmon production line in southern Chile. Aquacultural Engineering, 2021, 94, 102173.	3.1	0
58	An Overview of Supply Chain Dynamics from a Behavioral Operations Perspective. Management and Industrial Engineering, 2020, , 3-18.	0.4	0