

# Helena Carvalho

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,438  
citations

279798

23  
h-index

175258

52  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2440  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of green practices on supply chain performance: A case study approach. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 850-871.	7.4	435
2	Supply chain redesign for resilience using simulation. Computers and Industrial Engineering, 2012, 62, 329-341.	6.3	354
3	Lean, agile, resilient and green: divergencies and synergies. International Journal of Lean Six Sigma, 2011, 2, 151-179.	3.3	267
4	Impact of supply chain management practices on sustainability. Journal of Cleaner Production, 2014, 85, 212-225.	9.3	243
5	Lean, green and resilient practices influence on supply chain performance: interpretive structural modeling approach. International Journal of Environmental Science and Technology, 2015, 12, 15-34.	3.5	235
6	Agile and resilient approaches to supply chain management: influence on performance and competitiveness. Logistics Research, 2012, 4, 49-62.	1.6	195
7	Influence of Green and Lean Upstream Supply Chain Management Practices on Business Sustainability. IEEE Transactions on Engineering Management, 2012, 59, 753-765.	3.5	183
8	Ecosilient Index to assess the greenness and resilience of the upstream automotive supply chain. Journal of Cleaner Production, 2013, 56, 131-146.	9.3	151
9	Modelling green and lean supply chains: An eco-efficiency perspective. Resources, Conservation and Recycling, 2017, 120, 75-87.	10.8	133
10	Maturity Models in Supply Chain Sustainability: A Systematic Literature Review. Sustainability, 2017, 9, 64.	3.2	95
11	Using interpretive structural modelling to identify and rank performance measures. Baltic Journal of Management, 2013, 8, 208-230.	2.2	82
12	Framework for Life Cycle Sustainability Assessment of Additive Manufacturing. Sustainability, 2020, 12, 929.	3.2	82
13	Impact Assessment of Additive Manufacturing on Sustainable Business Models in Industry 4.0 Context. Sustainability, 2020, 12, 7066.	3.2	81
14	A mapping framework for assessing Supply Chain resilience. International Journal of Logistics Systems and Management, 2012, 12, 354.	0.2	78
15	Supply chain performance management: lean and green paradigms. International Journal of Business Performance and Supply Chain Modelling, 2010, 2, 304.	0.3	77
16	An integrated model to assess the leanness and agility of the automotive industry. Resources, Conservation and Recycling, 2012, 66, 85-94.	10.8	71
17	LARG index. Benchmarking, 2016, 23, 1472-1499.	4.6	70
18	Contribution of RFID technology to better management of fashion supply chains. International Journal of Retail and Distribution Management, 2012, 40, 128-156.	4.7	57

#	ARTICLE	IF	CITATIONS
19	Integration of Lean, Agile, Resilient and Green Paradigms in a Business Model Perspective: Theoretical Foundations. IFAC-PapersOnLine, 2016, 49, 1306-1311.	0.9	39
20	A proposed framework to assess upstream supply chain sustainability. Environment, Development and Sustainability, 2017, 19, 2253-2273.	5.0	33
21	The implications of additive manufacturing technology adoption for supply chain resilience: A systematic search and review. International Journal of Production Economics, 2022, 247, 108387.	8.9	33
22	Social impacts of additive manufacturing: A stakeholder-driven framework. Technological Forecasting and Social Change, 2021, 164, 120368.	11.6	31
23	Sustainable development in small and medium enterprises: The role of entrepreneurial orientation in supply chain management. Business Strategy and the Environment, 2021, 30, 3804-3820.	14.3	28
24	Additive Manufacturing: Exploring the Social Changes and Impacts. Sustainability, 2019, 11, 3757.	3.2	26
25	A proposal of LARG Supply Chain Management Practices and a Performance Measurement System. International Journal of E-Education E-Business E-Management and E-Learning, 2011, , 7-14.	0.3	25
26	A Social Life Cycle Assessment Framework for Additive Manufacturing Products. Applied Sciences (Switzerland), 2020, 10, 4459.	2.5	24
27	A Combined Use of TRIZ Methodology and Eco-Compass tool as a Sustainable Innovation Model. Applied Sciences (Switzerland), 2020, 10, 3535.	2.5	24
28	Conceptualising a supply and demand resilience methodology: A hybrid DEMATEL-TOPSIS-possibilistic multi-objective optimization approach. Computers and Industrial Engineering, 2021, 160, 107589.	6.3	24
29	The links between supply chain disturbances and resilience strategies. International Journal of Agile Systems and Management, 2012, 5, 203.	0.3	23
30	Supply chain management resilience: a theory building approach. International Journal of Supply Chain and Operations Resilience, 2014, 1, 3.	0.1	21
31	A Proposed Index of the Implementation and Maturity of Circular Economy Practices – The Case of the Pulp and Paper Industries of Portugal and Spain. Sustainability, 2019, 11, 1722.	3.2	20
32	Tracking the maturity of industry 4.0: the perspective of a real scenario. International Journal of Advanced Manufacturing Technology, 2021, 116, 2161-2181.	3.0	20
33	The resilience of on-time delivery to capacity and material shortages: An empirical investigation in the automotive supply chain. Computers and Industrial Engineering, 2022, 171, 108375.	6.3	18
34	The industrial symbiosis network of the biomass fluidized bed boiler sand – Mapping its value network. Resources, Conservation and Recycling, 2019, 149, 595-604.	10.8	16
35	Social life cycle performance of additive manufacturing in the healthcare industry: the orthosis and prosthesis cases. International Journal of Computer Integrated Manufacturing, 2021, 34, 327-340.	4.6	16
36	Trade-offs among Lean, Agile, Resilient and Green Paradigms in Supply Chain Management: A Case Study Approach. Lecture Notes in Electrical Engineering, 2014, , 953-968.	0.4	16

#	ARTICLE	IF	CITATIONS
37	An innovative agile and resilient index for the automotive supply chain. International Journal of Agile Systems and Management, 2013, 6, 259.	0.3	14
38	Eco-innovation in the cleaning process: An application of dry ice blasting in automotive painting industry. Journal of Cleaner Production, 2020, 272, 122987.	9.3	14
39	The Impacts of Additive Manufacturing Technology on Lean/Green Supply Chain Management Practices. Lecture Notes in Networks and Systems, 2020, , 159-168.	0.7	11
40	Green and Lean Paradigms Influence on Sustainable Business Development of Manufacturing Supply Chains. International Journal of Green Computing, 2011, 2, 45-62.	0.6	10
41	Waste Valorization through Additive Manufacturing in an Industrial Symbiosis Setting. Sustainability, 2021, 13, 234.	3.2	9
42	Towards the development of a model for circularity: The circular car as a case study. Sustainable Energy Technologies and Assessments, 2021, 45, 101215.	2.7	8
43	The Impact of Additive Manufacturing on Supply Chain Resilience. IFIP Advances in Information and Communication Technology, 2020, , 214-221.	0.7	8
44	Industry 4.0 maturity follow-up inside an internal value chain: a case study. International Journal of Advanced Manufacturing Technology, 2022, 119, 5035-5046.	3.0	7
45	Online sustainability information disclosure of mold companies. Corporate Communications, 2021, 26, 557-588.	2.1	6
46	Industrial Symbiosis Initiatives in United States of America and Canada: Current Status and Challenges. , 2019, , .		4
47	A Cross-Case Analysis of RFID Deployment in Fast Fashion Supply Chain. Advances in Intelligent Systems and Computing, 2014, , 605-617.	0.6	4
48	Strategic Resilience Development: A Study Using Delphi. Advances in Intelligent Systems and Computing, 2014, , 1245-1255.	0.6	3
49	Using Lean and Green Indexes to Measure Companiesâ€™ Performance. , 2019, , 293-318.		2
50	Lean and green supply chains. , 2019, , .		2
51	Sustainability Disclosure of Metal Mould Companies â€™ Content Analysis. Developments in Corporate Governance and Responsibility, 2020, , 43-60.	0.3	1
52	Designing Lean Supply Chains: A Case Study. Advances in Intelligent Systems and Computing, 2014, , 797-807.	0.6	1
53	RFID Technology in the Fashion Supply Chain. Advances in Logistics, Operations, and Management Science Book Series, 0, , 303-326.	0.4	1
54	Supply Chain Resilience: A Simulation Study. , 2011, , 1015-1020.		1

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55	RFID Application Infant Security Systems of Healthcare Organizations. Advances in Intelligent Systems and Computing, 2014, , 1059-1073.	0.6	1
56	Proposal of a Maturity Model for Supply Chain Sustainability. , 2016, , .		1
57	Green and Lean Paradigms Influence on Sustainable Business Development of Manufacturing Supply Chains. , 0, , 113-131.		1
58	Towards Continuous Improvement by Using a Lean-TRIZ Approach. Lecture Notes in Networks and Systems, 2020, , 169-178.	0.7	0
59	Towards Lean Ground Handling Processes at an Airport. Lecture Notes in Networks and Systems, 2020, , 221-230.	0.7	0