

Helena Carvalho

List of Publications by Year in descending order

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59
papers

3,438
citations

318942

23
h-index

198040

52
g-index

62
all docs

62
docs citations

62
times ranked

2752
citing authors

#	ARTICLE	IF	CITATIONS
1	Industry 4.0 maturity follow-up inside an internal value chain: a case study. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 5035-5046.	1.5	7
2	The implications of additive manufacturing technology adoption for supply chain resilience: A systematic search and review. <i>International Journal of Production Economics</i> , 2022, 247, 108387.	5.1	33
3	The resilience of on-time delivery to capacity and material shortages: An empirical investigation in the automotive supply chain. <i>Computers and Industrial Engineering</i> , 2022, 171, 108375.	3.4	18
4	Social impacts of additive manufacturing: A stakeholder-driven framework. <i>Technological Forecasting and Social Change</i> , 2021, 164, 120368.	6.2	31
5	Social life cycle performance of additive manufacturing in the healthcare industry: the orthosis and prosthesis cases. <i>International Journal of Computer Integrated Manufacturing</i> , 2021, 34, 327-340.	2.9	16
6	Online sustainability information disclosure of mold companies. <i>Corporate Communications</i> , 2021, 26, 557-588.	1.1	6
7	Sustainable development in small and medium enterprises: The role of entrepreneurial orientation in supply chain management. <i>Business Strategy and the Environment</i> , 2021, 30, 3804-3820.	8.5	28
8	Towards the development of a model for circularity: The circular car as a case study. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101215.	1.7	8
9	Tracking the maturity of industry 4.0: the perspective of a real scenario. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 2161-2181.	1.5	20
10	Conceptualising a supply and demand resilience methodology: A hybrid DEMATEL-TOPSIS-possibilistic multi-objective optimization approach. <i>Computers and Industrial Engineering</i> , 2021, 160, 107589.	3.4	24
11	Waste Valorization through Additive Manufacturing in an Industrial Symbiosis Setting. <i>Sustainability</i> , 2021, 13, 234.	1.6	9
12	Eco-innovation in the cleaning process: An application of dry ice blasting in automotive painting industry. <i>Journal of Cleaner Production</i> , 2020, 272, 122987.	4.6	14
13	Sustainability Disclosure of Metal Mould Companies – Content Analysis. <i>Developments in Corporate Governance and Responsibility</i> , 2020, , 43-60.	0.1	1
14	A Social Life Cycle Assessment Framework for Additive Manufacturing Products. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4459.	1.3	24
15	Impact Assessment of Additive Manufacturing on Sustainable Business Models in Industry 4.0 Context. <i>Sustainability</i> , 2020, 12, 7066.	1.6	81
16	A Combined Use of TRIZ Methodology and Eco-Compass tool as a Sustainable Innovation Model. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3535.	1.3	24
17	The Impacts of Additive Manufacturing Technology on Lean/Green Supply Chain Management Practices. <i>Lecture Notes in Networks and Systems</i> , 2020, , 159-168.	0.5	11
18	The Impact of Additive Manufacturing on Supply Chain Resilience. <i>IFIP Advances in Information and Communication Technology</i> , 2020, , 214-221.	0.5	8

#	ARTICLE	IF	CITATIONS
19	Framework for Life Cycle Sustainability Assessment of Additive Manufacturing. Sustainability, 2020, 12, 929.	1.6	82
20	Towards Continuous Improvement by Using a Lean-TRIZ Approach. Lecture Notes in Networks and Systems, 2020, , 169-178.	0.5	0
21	Towards Lean Ground Handling Processes at an Airport. Lecture Notes in Networks and Systems, 2020, , 221-230.	0.5	0
22	Additive Manufacturing: Exploring the Social Changes and Impacts. Sustainability, 2019, 11, 3757.	1.6	26
23	The industrial symbiosis network of the biomass fluidized bed boiler sandâ€™Mapping its value network. Resources, Conservation and Recycling, 2019, 149, 595-604.	5.3	16
24	Industrial Symbiosis Initiatives in United States of America and Canada: Current Status and Challenges. , 2019, , .		4
25	A Proposed Index of the Implementation and Maturity of Circular Economy Practicesâ€™The Case of the Pulp and Paper Industries of Portugal and Spain. Sustainability, 2019, 11, 1722.	1.6	20
26	Using Lean and Green Indexes to Measure Companiesâ€™™ Performance. , 2019, , 293-318.		2
27	Lean and green supply chains. , 2019, , .		2
28	Modelling green and lean supply chains: An eco-efficiency perspective. Resources, Conservation and Recycling, 2017, 120, 75-87.	5.3	133
29	A proposed framework to assess upstream supply chain sustainability. Environment, Development and Sustainability, 2017, 19, 2253-2273.	2.7	33
30	Maturity Models in Supply Chain Sustainability: A Systematic Literature Review. Sustainability, 2017, 9, 64.	1.6	95
31	LARG index. Benchmarking, 2016, 23, 1472-1499.	2.9	70
32	Integration of Lean, Agile, Resilient and Green Paradigms in a Business Model Perspective: Theoretical Foundations. IFAC-PapersOnLine, 2016, 49, 1306-1311.	0.5	39
33	Proposal of a Maturity Model for Supply Chain Sustainability. , 2016, , .		1
34	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.	1.8	235
35	Impact of supply chain management practices on sustainability. Journal of Cleaner Production, 2014, 85, 212-225.	4.6	243
36	Supply chain management resilience: a theory building approach. International Journal of Supply Chain and Operations Resilience, 2014, 1, 3.	0.2	21

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37	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.	0.3	16
38	A Cross-Case Analysis of RFID Deployment in Fast Fashion Supply Chain. Advances in Intelligent Systems and Computing, 2014, , 605-617.	0.5	4
39	Designing Lean Supply Chains: A Case Study. Advances in Intelligent Systems and Computing, 2014, , 797-807.	0.5	1
40	Strategic Resilience Development: A Study Using Delphi. Advances in Intelligent Systems and Computing, 2014, , 1245-1255.	0.5	3
41	RFID Application Infant Security Systems of Healthcare Organizations. Advances in Intelligent Systems and Computing, 2014, , 1059-1073.	0.5	1
42	Using interpretive structural modelling to identify and rank performance measures. Baltic Journal of Management, 2013, 8, 208-230.	1.2	82
43	An innovative agile and resilient index for the automotive supply chain. International Journal of Agile Systems and Management, 2013, 6, 259.	0.6	14
44	Ecosilient Index to assess the greenness and resilience of the upstream automotive supply chain. Journal of Cleaner Production, 2013, 56, 131-146.	4.6	151
45	Contribution of RFID technology to better management of fashion supply chains. International Journal of Retail and Distribution Management, 2012, 40, 128-156.	2.7	57
46	The links between supply chain disturbances and resilience strategies. International Journal of Agile Systems and Management, 2012, 5, 203.	0.6	23
47	A mapping framework for assessing Supply Chain resilience. International Journal of Logistics Systems and Management, 2012, 12, 354.	0.2	78
48	An integrated model to assess the leanness and agility of the automotive industry. Resources, Conservation and Recycling, 2012, 66, 85-94.	5.3	71
49	Influence of Green and Lean Upstream Supply Chain Management Practices on Business Sustainability. IEEE Transactions on Engineering Management, 2012, 59, 753-765.	2.4	183
50	Supply chain redesign for resilience using simulation. Computers and Industrial Engineering, 2012, 62, 329-341.	3.4	354
51	Agile and resilient approaches to supply chain management: influence on performance and competitiveness. Logistics Research, 2012, 4, 49-62.	1.6	195
52	Lean, agile, resilient and green: divergencies and synergies. International Journal of Lean Six Sigma, 2011, 2, 151-179.	2.4	267
53	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.	3.7	435
54	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

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55	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
56	Supply Chain Resilience: A Simulation Study. , 2011, , 1015-1020.		1
57	Supply chain performance management: lean and green paradigms. International Journal of Business Performance and Supply Chain Modelling, 2010, 2, 304.	0.2	77
58	RFID Technology in the Fashion Supply Chain. Advances in Logistics, Operations, and Management Science Book Series, 0, , 303-326.	0.3	1
59	Green and Lean Paradigms Influence on Sustainable Business Development of Manufacturing Supply Chains. , 0, , 113-131.		1