

Marcus Brandenburg

List of Publications by Year in descending order

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44
papers

1,934
citations

516215

16
h-index

360668

35
g-index

48
all docs

48
docs citations

48
times ranked

1710
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative models for sustainable supply chain management: Developments and directions. <i>European Journal of Operational Research</i> , 2014, 233, 299-312.	3.5	920
2	Sustainable supply chain management: a modeling perspective. <i>Annals of Operations Research</i> , 2015, 229, 213-252.	2.6	169
3	System dynamics modeling for sustainable supply chain management: A literature review and systems thinking approach. <i>Journal of Cleaner Production</i> , 2019, 208, 1265-1280.	4.6	167
4	Low carbon supply chain configuration for a new product – a goal programming approach. <i>International Journal of Production Research</i> , 2015, 53, 6588-6610.	4.9	91
5	An integrated system solution for supply chain optimization in the chemical process industry. <i>OR Spectrum</i> , 2002, 24, 371-401.	2.1	51
6	Stakeholder influences and risks in sustainable supply chain management: a comparison of qualitative and quantitative studies. <i>Business Research</i> , 2018, 11, 197-237.	4.0	42
7	Supply chain efficiency, value creation and the economic crisis – An empirical assessment of the European automotive industry 2002–2010. <i>International Journal of Production Economics</i> , 2016, 171, 321-335.	5.1	40
8	Impacts of supply chain management on company value: benchmarking companies from the fast moving consumer goods industry. <i>Logistics Research</i> , 2011, 3, 233-248.	1.6	37
9	Integrating collaborative planning and supply chain optimization for the chemical process industry (I) – methodology. <i>Computers and Chemical Engineering</i> , 2004, 28, 913-927.	2.0	36
10	Sustainable Supply Chain Management – A Conceptual Framework and Future Research Perspectives. <i>Sustainability</i> , 2019, 11, 7239.	1.6	36
11	Connecting additive manufacturing to circular economy implementation strategies: Links, contingencies and causal loops. <i>International Journal of Production Economics</i> , 2022, 246, 108414.	5.1	35
12	Transforming chemical supply chains toward sustainability – A practice-based view. <i>Journal of Cleaner Production</i> , 2019, 236, 117701.	4.6	30
13	A sustainable aggregate production planning model for the chemical process industry. <i>Computers and Operations Research</i> , 2018, 94, 154-168.	2.4	28
14	Industry 4.0-driven operations and supply chains for the circular economy: a bibliometric analysis. <i>Operations Management Research</i> , 2022, 15, 858-878.	5.0	23
15	A hybrid approach to configure eco-efficient supply chains under consideration of performance and risk aspects. <i>Omega</i> , 2017, 70, 58-76.	3.6	19
16	Impacts of stakeholder influences and dynamic capabilities on the sustainability performance of supply chains: a system dynamics model. <i>Journal of Business Economics</i> , 2019, 89, 893-926.	1.3	19
17	Sustainability Prerequisites and Practices in Textile and Apparel Supply Chains. <i>Sustainability</i> , 2020, 12, 9960.	1.6	16
18	Performance- and value-oriented decision support for supply chain configuration. <i>Logistics Research</i> , 2014, 7, 1.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Motivating Factors for Implementing Apparel Certification Schemesâ€™ A Sustainable Supply Chain Management Perspective. Sustainability, 2020, 12, 4823.	1.6	15
20	Design and Implementation of a Measurement and Management System for Operational and Supply Chain Performance. IEEE Engineering Management Review, 2018, 46, 117-123.	1.0	14
21	Comparing regions globally: impacts of COVID-19 on supply chains â€™ a Delphi study. International Journal of Operations and Production Management, 2022, 42, 1077-1108.	3.5	14
22	Sustainability, risk and performance in textile and apparel supply chains. Cleaner Logistics and Supply Chain, 2022, 5, 100069.	3.1	14
23	Defining and Aligning Supply Chain Objectives Before, During, and After the COVID-19 Pandemic. IEEE Engineering Management Review, 2020, 48, 72-85.	1.0	13
24	Quantitative Models for Value-Based Supply Chain Management. Lecture Notes in Economics and Mathematical Systems, 2013, , .	0.3	13
25	Applying Sustainable Supply Chain Management Frameworks to Two German Case Studies. IFAC-PapersOnLine, 2018, 51, 293-296.	0.5	12
26	MILP-based campaign scheduling in a specialty chemicals plant: a case study. OR Spectrum, 2009, 31, 141-166.	2.1	11
27	Numetrix/3 Production Scheduling. OR Spectrum, 2000, 22, 307-312.	2.1	9
28	A Model for Quantifying Impacts of Supply Chain Cost and Working Capital on the Company Value. Lecture Notes in Business Information Processing, 2010, , 107-117.	0.8	8
29	Automizing the manual link in maritime supply chains? An analysis of twistlock handling automation in container terminals. Maritime Transport Research, 2021, 2, 100017.	1.5	6
30	Toward the Integration of Sustainability Metrics into the Supply Chain Operations Reference (SCOR) Model. Greening of Industry Networks Studies, 2018, , 49-60.	0.7	6
31	Quantitative models for value-based supply chain management. , 2013, , 149-172.		5
32	Emerging trends from advanced planning to integrated business planning. IFAC-PapersOnLine, 2019, 52, 2620-2625.	0.5	4
33	Sustainable aggregate production planning in the chemical process industry - A benchmark problem and dataset. Data in Brief, 2018, 18, 961-967.	0.5	3
34	Supply network configurationâ€™ A benchmarking problem. Chaos, 2018, 28, 033121.	1.0	3
35	An integrated system solution for supply chain optimization in the chemical process industry. , 2003, , 229-259.		3
36	Sustainable Supply Chains: Recent Developments and Future Trends. , 2018, , 1-10.		2

#	ARTICLE	IF	CITATIONS
37	Sustainable Supply Chain Management at the Base of Pyramid: A Literature Review. <i>Greening of Industry Networks Studies</i> , 2018, , 235-257.	0.7	2
38	Dynamics and Uncertainties in Tactical Supply Chain Design for New Product Introduction. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2013, , 121-138.	0.3	1
39	Stakeholder influences and risks in sustainable supply chain management: a comparison of qualitative and quantitative studies. , 2018, 11, 197.		1
40	MILP-based campaign scheduling in a specialty chemicals plant: a case study. , 2009, , 315-340.		1
41	Terminology and Related Literature. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2013, , 7-49.	0.3	0
42	Impacts of Supply Chain Management on Company Value. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2013, , 155-176.	0.3	0
43	Value Impacts of Dynamics and Uncertainties in Tactical Supply Chain Design. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2013, , 139-153.	0.3	0
44	Value-Based Strategic Supply Chain Planning. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2013, , 109-119.	0.3	0