Behzad Behdani

List of Publications by Year
in descending order

45 papers	534 citations	687363 13 h-index	752698 20 g-index
46 all docs	46 docs citations	46 times ranked	511 citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentally Validated Extended Kalman Filter Approach for Geomagnetically Induced Current Measurement. IEEE Transactions on Industrial Electronics, 2022, 69, 6316-6328.	7.9	9
2	Logistics and Supply Chain Modelling for the Biobased Economy: A Systematic Literature Review and Research Agenda. Frontiers in Chemical Engineering, 2022, 4, .	2.7	0
3	On the impact of geomagnetically induced currents in driving series capacitor compensated power systems to ferroresonance. International Journal of Electrical Power and Energy Systems, 2021, 125, 106424.	5.5	14
4	Value of data in multi-level supply chain decisions: a case study in the Dutch floriculture sector. International Journal of Production Research, 2021, 59, 1368-1385.	7.5	5
5	Measuring concentration in transhipment markets: methodologies and application to a European case. Maritime Economics and Logistics, 2021, 23, 548-568.	4.0	1
6	Analytical Method for Ferroresonance Solutions in Series Compensated Power Systems due to GICs: A Graphical Approach. , 2021, , .		5
7	Differential Protection of Power Transformers based on RSLVQ-Gradient Approach Considering SFCL. , 2021, , .		5
8	Trading off cost, emission, and quality in cold chain design: A simulation approach. Computers and Industrial Engineering, 2021, 158, 107442.	6.3	20
9	Inland Waterway Transport and Inland Ports: An Overview of Synchromodal Concepts, Drivers, and Success Cases in the IWW Sector. , 2021, , 577-586.		0
10	Detection and Localization of Transmission Line Faults based on a Hybrid Two-Stage Technique considering Wind Power Generation. , 2021, , .		2
11	Photovoltaic Array Fault Detection and Classification based on T-Distributed Stochastic Neighbor Embedding and Robust Soft Learning Vector Quantization. , 2021, , .		2
12	A Comparative Analysis of Artificial Intelligence for Power Transformer Differential Protection. , 2021, , .		2
13	Data-driven process redesign: anticipatory shipping in agro-food supply chains. International Journal of Production Research, 2020, 58, 1302-1318.	7.5	25
14	Probabilistic framework for vulnerability analysis of coupling capacitor voltage transformer to ferroresonance phenomenon. IET Science, Measurement and Technology, 2020, 14, 344-351.	1.6	12
15	A Method for Measurement, and Monitoring of Earth Return Current Flow in Medium Voltage Transformers. , 2020, , .		4
16	Port-hinterland transport and logistics: emerging trends and frontier research. Maritime Economics and Logistics, 2020, 22, 1-25.	4.0	30
17	Probabilistic analysis of switching transients due to vacuum circuit breaker operation on wind turbine step-up transformers. Electric Power Systems Research, 2020, 182, 106204.	3.6	15
18	A systems approach to dynamic performance assessment in new food product development. Trends in Food Science and Technology, 2019, 91, 330-338.	15.1	17

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19	Flow consolidation in hinterland container transport: An analysis for perishable and dry cargo. Transportation Research, Part E: Logistics and Transportation Review, 2019, 130, 128-160.	7.4	22
20	Cool chain and temperature-controlled transport: An overview of concepts, challenges, and technologies. , 2019, , 167-183.		6
21	From Information Sharing to Information Utilization in Food Supply Chains. International Journal of Information Systems and Supply Chain Management, 2019, 12, 85-109.	0.9	13
22	Assessing the technical efficiency of intermodal freight transport chains using a modified network DEA approach. Transportation Research, Part E: Logistics and Transportation Review, 2019, 126, 66-86.	7.4	40
23	The impact of information sharing on the performance of horizontal logistics collaboration: A simulation study in an agri-food supply chain. IFAC-PapersOnLine, 2019, 52, 2722-2727.	0.9	12
24	Agent-oriented simulation framework for handling disruptions in chemical supply chains. Computers and Chemical Engineering, 2019, 122, 306-325.	3.8	14
25	The value of information in supply chain decisions: A review of the literature and research agenda. Computers and Industrial Engineering, 2018, 120, 68-82.	6.3	51
26	Communication between deep sea container terminals and hinterland stakeholders: information needs and the relevance of information exchange. Maritime Economics and Logistics, 2018, 20, 531-548.	4.0	8
27	A review and analysis of the investment in, and cost structure of, intermodal rail terminals. Transport Reviews, 2018, 38, 33-51.	8.8	29
28	Assessing the Efficiency of Intermodal Freight Transport Chains Using a Modified Network DEA Approach. SSRN Electronic Journal, 2018, , .	0.4	0
29	Cool Chain and Temperature-Controlled Transport: An Overview of Concepts, Challenges and Technologies. SSRN Electronic Journal, 2018, , .	0.4	4
30	Analyzing competition in intermodal freight transport networks: The market implication of business consolidation strategies. Research in Transportation Business and Management, 2017, 23, 12-20.	2.9	14
31	European intermodal freight transport network: Market structure analysis. Journal of Transport Geography, 2017, 60, 141-154.	5.0	20
32	Managing supply chain disruptions: an integrated agent-oriented approach. Computer Aided Chemical Engineering, 2017, , 595-600.	0.5	3
33	Mitigating Supply Disruption for a Global Chemical Supply Chain-Application of Agent-based Modeling. Computer Aided Chemical Engineering, 2012, 31, 1070-1074.	0.5	5
34	Evaluation of paradigms for modeling supply chains as complex socio-technical systems. , 2012, , .		25
35	Agent-based modeling for disruption management in industrial networks and supply chains. , 2011, , .		0
36	Negotiation-Based Approach for Order Acceptance in a Multiplant Specialty Chemical Manufacturing Enterprise. Industrial & Engineering Chemistry Research, 2011, 50, 5086-5098.	3.7	10

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37	Agent-based coordination framework for disruption management in a chemical supply chain. Computer Aided Chemical Engineering, 2011, , 1090-1094.	0.5	0
38	An agent-based model to support negotiation-based order acceptance in a multi-plant enterprise. , 2011, , .		1
39	Performance analysis of a multi-plant specialty chemical manufacturing enterprise using an agent-based model. Computers and Chemical Engineering, 2010, 34, 793-801.	3.8	24
40	Decentralized vs. centralized management of abnormal situations in a multi-plant enterprise using an agent-based approach. Computer Aided Chemical Engineering, 2010, , 1219-1224.	0.5	3
41	Agent based model for performance analysis of a global chemical supply chain during normal and abnormal situations. Computer Aided Chemical Engineering, 2009, , 979-984.	0.5	6
42	Optimal scheduling of mixed batch and continuous processes incorporating utility aspects. Chemical Engineering and Processing: Process Intensification, 2007, 46, 271-281.	3.6	13
43	Intermodality and Synchromodality. SSRN Electronic Journal, 0, , .	0.4	38
44	Performance Measurement in Freight Transport Systems. SSRN Electronic Journal, 0, , .	0.4	2
45	Uncovering causes of stagnating product sales of a healthy snack: A system dynamics group model building project in a food processing company. Journal of the Operational Research Society, 0, , 1-15.	3.4	1