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Robust possibilistic programming for socially responsible supply chain network design: A new approach

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326	A Fuzzy Robust Optimization Model for Waste Allocation Planning Under Uncertainty. **2014**, 31, 556-569		7
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324	The Ripple effect in supply chains: trade-off Efficiency-flexibility-resilience In disruption management. **2014**, 52, 2154-2172		330
323	An accelerated Benders decomposition algorithm for sustainable supply chain network design under uncertainty: A case study of medical needle and syringe supply chain. **2014**, 67, 14-38		171
322	Assurance of system service level robustness in complex supply chain networks. **2014**, 74, 445-460		11
321	A robust possibilistic programming approach to multi-period location allocation of organ transplant centers under uncertainty. *Computers and Industrial Engineering*, **2014**, 74, 139-148	6.4	68
320	A Hybrid Approach to Solve a Model of Closed-Loop Supply Chain. **2015**, 2015, 1-18		10

319	Multi-criteria decision approach for a sustainable reverse logistics network under fuzzy environment. **2015**,		3
318	Blood collection management: Methodology and application. **2015**, 39, 7680-7696		67
317	Designing sustainable supply chains based on the Triple Bottom Line approach. **2015**,		7
316	Integration of aggregate distribution and dynamic transportation planning in a supply chain with capacity disruptions and the ripple effect consideration. **2015**, 53, 6963-6979		45
315	Competitive closed-loop supply chain network design under uncertainty. **2015**, 37, 649-661		75
314	Bi-objective integrating sustainable order allocation and sustainable supply chain network strategic design with stochastic demand using a novel robust hybrid multi-objective metaheuristic. *Computers and Operations Research*, **2015**, 62, 112-130	4.6	128
313	Sustainable supply chain network design: An optimization-oriented review. **2015**, 54, 11-32		363
312	A robust possibilistic programming approach for pharmaceutical supply chain network design. **2015**, 82, 115-128		98
311	A robust possibilistic mixed-integer programming method for planning municipal electric power systems. **2015**, 73, 757-772		20
310	A novel credibility-based group decision making method for Enterprise Architecture scenario analysis using Data Envelopment Analysis. **2015**, 32, 347-368		15
309	An Integrated Production-distribution Planning in Green Supply Chain: A Multi-objective Evolutionary Approach. **2015**, 26, 700-705		21
308	Development of an Improved Fuzzy Robust Chance-Constrained Programming Model for Air Quality Management. **2015**, 20, 535-548		12
307	Low carbon supply chain configuration for a new product □a goal programming approach. **2015**, 53, 6588-6610		73
306	Supply Chain Design With Disruption Considerations: Review of Research Streams on the Ripple Effect in the Supply Chain. **2015**, 48, 1700-1707		22
305	A supply chain design approach considering environmentally sensitive customers: the case of a German manufacturing SME. **2015**, 53, 6534-6550		30
304	A credibility-constrained programming for reliable forward□everse logistics network design under uncertainty and facility disruptions. **2015**, 28, 664-678		33
303	An integrated approach for sustainable supply chain planning. *Computers and Operations Research*, **2015**, 54, 180-194	4.6	108
302	A Multiperiod Supply Chain Network Design Considering Carbon Emissions. **2016**, 2016, 1-11		8

301	A multi-objective, multi-product and multi-transportation mode sustainable closed-loop supply chain network design. **2016**,		
300	Sustainable design of a closed-loop location-routing-inventory supply chain network under mixed uncertainty. **2016**, 89, 182-214		199
299	Exploring correlations in components of green supply chain practices and green supply chain performance. **2016**, 26, 332-368		20
298	Aggregate production planning by focusing on energy saving: A robust optimization approach. *Journal of Cleaner Production*, **2016**, 133, 1074-1085	10.3	39
297	Fuzzy Logic in Its 50th Year. **2016**,		4
296	Applications of Fuzzy Mathematical Programming Approaches in Supply Chain Planning Problems. **2016**, 369-402		5
295	A fuzzy multi-objective optimization model for sustainable reverse logistics network design. **2016**, 67, 753-768		114
294	Effect of product recovery and sustainability enhancing indicators on the location selection of manufacturing facility. **2016**, 67, 517-532		51
293	A robust optimisation model for remanufacturing network design problem with one-way substitution. **2016**, 24, 484		3
292	A bi-objective optimization model for tactical planning in the pome fruit industry supply chain. **2016** , 130, 128-141		19
291	Marrying supply chain sustainability and resilience: A match made in heaven. **2016**, 91, 306-324		159
290	Multiobjective Robust Possibilistic Programming Approach to Sustainable Bioethanol Supply Chain Design under Multiple Uncertainties. **2016**, 55, 237-256		91
289	A robust fuzzy optimization model for carbon-efficient closed-loop supply chain network design problem: a numerical illustration in electronics industry. *Journal of Cleaner Production*, **2016**, 113, 662-673	10.3	170
288	An enhanced fuzzy robust optimization model for regional solid waste management under uncertainty. **2016**, 48, 1869-1886		16
287	Closed loop supply chain network design with fuzzy tactical decisions. **2016**, 12, 255-269		15
286	Cost efficient robust global supply chain system design under uncertainty. **2016**, 85, 853-868		10
285	An Integer Linear Program for Integrated Supplier Selection: A Sustainable Flexible Framework. **2016**, 17, 113-134		47
284	Novel robust fuzzy mathematical programming methods. **2016**, 40, 407-418		81

283	Management of Social Issues in Supply Chains: A Literature Review Exploring Social Issues, Actions and Performance Outcomes. **2017**, 141, 621-643		229
282	A sustainable second-generation biodiesel supply chain network design problem under risk. **2017**, 66, 258-277		91
281	Blood inventory-routing problem under uncertainty. **2017**, 32, 467-481		22
280	A robust flexible-probabilistic programming method for planning municipal energy system with considering peak-electricity price and electric vehicle. **2017**, 137, 97-112		27
279	Designing a Reliable Multi-Objective Queuing Model of a Petrochemical Supply Chain Network under Uncertainty: A Case Study. **2017**, 100, 177-197		23
278	Robust solutions to the pollution-routing problem with demand and travel time uncertainty. **2017**, 51, 351-363		39
277	Designing an efficient supply chain network with uncertain data: a robust optimization data envelopment analysis approach. **2017**, 68, 816-828		13
276	Robust bi-objective macroscopic municipal water supply network redesign and rehabilitation. **2017**, 31, 2689-2711		8
275	Fuzzy multi-objective sustainable and green closed-loop supply chain network design. *Computers and Industrial Engineering*, **2017**, 109, 191-203	6.4	145
274	Blood supply chain network design considering blood group compatibility under uncertainty. **2017**, 55, 2013-2033		95
273	The facility location problem from the perspective of triple bottom line accounting of sustainability. **2017**, 55, 6266-6287		36
272	A new model for designing sustainable supply chain networks and its application to a global manufacturer. *Journal of Cleaner Production*, **2017**, 156, 276-292	10.3	66
271	An interval-possibilistic basic-flexible programming method for air quality management of municipal energy system through introducing electric vehicles. **2017**, 593-594, 418-429		8
270	A self-adaptive evolutionary algorithm for a fuzzy multi-objective hub location problem: An integration of responsiveness and social responsibility. **2017**, 62, 1-16		43
269	Supply chain network design under uncertainty: A comprehensive review and future research directions. **2017**, 263, 108-141		321
268	Towards socially sustainable supply chains themes and challenges. **2017**, 29, 261-303		23
267	Simultaneous competitive supply chain network design with continuous attractiveness variables. *Computers and Industrial Engineering*, **2017**, 107, 235-250	6.4	10
266	Redesign of a sustainable reverse supply chain under uncertainty: A case study. *Journal of Cleaner Production*, **2017**, 151, 206-217	10.3	52

265	A closed-loop supply chain network design for automotive industry in Turkey. *Computers and Industrial Engineering*, **2017**, 113, 727-745	6.4	81
264	A robust fuzzy stochastic programming model for the design of a reliable green closed-loop supply chain network. **2017**, 23, 2119-2149		44
263	Investment in the energy sector: An optimization model that contemplates several uncertain parameters. **2017**, 138, 831-845		7
262	Multi-objective optimization for a sustainable closed-loop supply chain network. **2017**,		1
261	A robust possibilistic programming model for a responsive closed loop supply chain network design. **2017**, 4, 1329886		9
260	A Possibilistic Reliable and Responsive Closed Loop Supply Chain Network Design Model under Uncertainty. **2017**, 16, 317-338		13
259	Uncertain supply chain network design considering carbon footprint and social factors using two-stage approach. **2017**, 19, 2491-2519		21
258	Design of a reliable multi-modal multi-commodity model for hazardous materials transportation under uncertainty. **2017**, 257, 792-809		45
257	A hybrid approach to configure eco-efficient supply chains under consideration of performance and risk aspects. **2017**, 70, 58-76		15
256	Sustainable Logistics Network Design Under Uncertainty. **2017**, 115-151		1
255	Mathematical Methods for the Multi-Criteria Optimization of Structure and Management of Energy Efficient Gas Supply Chains. **2017**, 51, 1080-1091		2
254	Drivers and barriers of reverse logistics practices: A study of large grocery retailers in South Africa. **2017**, 11,		9
253	Environmentally Concerned Logistics Operations in Fuzzy Environment: A Literature Survey. **2017**, 1, 4		17
252	Designing a sustainable municipal solid waste management system in Pathum Thani, Thailand. **2017** , 20, 37		6
251	A dual-channel network design model in a green supply chain considering pricing and transportation mode choice. **2018**, 29, 1465-1483		33
250	Analyzing the performance of clean development mechanism for electric power systems under uncertain environment. **2018**, 123, 382-397		10
249	Decentralized supply chain network design: monopoly, duopoly and oligopoly competitions under uncertainty. **2018**, 14, 677-704		0
248	Accessible, stable, and equitable health service network redesign: A robust mixed possibilistic-flexible approach. **2018**, 111, 113-129		22

247	Heuristic-based metaheuristics to address a sustainable supply chain network design problem. **2018**, 35, 102-117		39
246	Operations Research Applications in Health Care Management. **2018**,		3
245	Building organizational resilience in the face of multiple disruptions. **2018**, 197, 63-83		65
244	A copula-based flexible-stochastic programming method for planning regional energy system under multiple uncertainties: A case study of the urban agglomeration of Beijing and Tianjin. **2018**, 210, 60-74		42
243	Methodological approaches to supply chain design11 Author names are listed in alphabetical orderView all notes. **2018**, 56, 4467-4489		17
242	A multi-objective robust possibilistic programming approach to sustainable switchgrass-based bioethanol supply chain network design. *Journal of Cleaner Production*, **2018**, 179, 368-406	10.3	86
241	A stochastic multi-objective model for a closed-loop supply chain with environmental considerations. **2018**, 69, 232-249		72
240	A sustainable supply chain for organic, conventional agro-food products: The role of demand substitution, climate change and public health. *Journal of Cleaner Production*, **2018**, 194, 564-583	10.3	46
239	Designing and optimizing a sustainable supply chain network for a blood platelet bank under uncertainty. **2018**, 71, 236-250		66
238	A robust possibilistic programming approach to multiperiod hospital evacuation planning problem under uncertainty. **2018**, 25, 157-189		16
237	A comprehensive approach in designing a sustainable closed-loop supply chain network using cross-docking operations. **2018**, 24, 51-98		21
236	A novel robust fuzzy stochastic programming for closed loop supply chain network design under hybrid uncertainty. *Fuzzy Sets and Systems*, **2018**, 341, 69-91	3.7	67
235	Health service network design: a robust possibilistic approach. **2018**, 25, 337-373		32
234	Designing sustainable supply chain networks under uncertain environments: Fuzzy multi-objective programming. *Journal of Cleaner Production*, **2018**, 174, 1550-1565	10.3	88
233	Robust Platelet Logistics Planning in Disaster Relief Operations Under Uncertainty: a Coordinated Approach. **2018**, 20, 759-782		14
232	The design of a reliable and robust hierarchical health service network using an accelerated Benders decomposition algorithm. **2018**, 265, 1013-1032		22
231	Design of a pharmaceutical supply chain network under uncertainty considering perishability and substitutability of products. **2018**, 423, 257-283		62
230	Modelling different types of uncertainty in biofuel supply network design and planning: A robust optimization approach. **2018**, 116, 500-517		89

229	OR Applications in Pharmaceutical Supply Chain Management. **2018**, 461-491		6
228	Sustainable energy hub design under uncertainty using Benders decomposition method. **2018**, 143, 1029-1047		41
227	OR/MS Methods for Structural Dynamics in Supply Chain Risk Management. **2018**, 115-159		3
226	Role of Information Technology on Supply Chain Management of Pharmaceutical Industry. **2018**, 8, 39-68		4
225	Network Design towards Sustainability of Chinese Baijiu Industry from a Supply Chain Perspective. **2018**, 2018, 1-19		1
224	A novel fuzzy data envelopment analysis based on robust possibilistic programming: possibility, necessity and credibility-based approaches. **2018**, 52, 1445-1463		23
223	A Multi-Period Location-Allocation-Inventory Problem for Ambulance and Helicopter Ambulance Stations: Robust Possibilistic Approach. **2018**, 51, 322-327		9
222	A hybrid Markov process-mathematical programming approach for joint location-inventory problem under supply disruptions. **2018**, 52, 1147-1173		9
221	Modelling sustainable supply chain management problem with fuzzy demand based on multi-criteria decision making methods. **2018**, 30, 267		4
220	A robust crude oil supply chain design under uncertain demand and market price: A case study. **2018**, 73, 66		7
219	Simulation-optimization techniques for closed-loop supply chain design with multiple objectives. **2018**, 85, 202-210		4
218	A robust possibilistic programming model for simultaneous decision of inventory lot-size, supplier selection and transportation mode selection. **2018**, 30, 346		1
217	Resilient supply chain design under operational and disruption risks considering quantity discount: A case study of pharmaceutical supply chain. *Computers and Industrial Engineering*, **2018**, 126, 657-672	6.4	76
216	Hybrid Multiobjective Robust Possibilistic Programming Approach to a Sustainable Bioethanol Supply Chain Network Design. **2018**, 57, 15066-15083		16
215	A scenario-based interval-stochastic basic-possibilistic programming method for planning sustainable energy system under uncertainty: A case study of Beijing, China. *Journal of Cleaner Production*, **2018**, 197, 1454-1471	10.3	14
214	Hybrid robust, stochastic and possibilistic programming for closed-loop supply chain network design. *Computers and Industrial Engineering*, **2018**, 123, 220-231	6.4	37
213	Optimising truckload operations in third-party logistics: A carbon footprint perspective in volatile supply chain. **2018**, 63, 649-661		17
212	Coordination of a sustainable supply chain contributing in a cause-related marketing campaign. *Journal of Cleaner Production*, **2018**, 200, 524-532	10.3	18

211	A fuzzy robust programming approach to multi-objective portfolio optimisation problem under uncertainty. **2018**, 12, 45		4
210	Multi-objective stochastic closed-loop supply chain network design with social considerations. **2018**, 71, 505-525		80
209	Supply chain network design using trade credit and bank credit: A robust optimization model with real world application. *Computers and Industrial Engineering*, **2018**, 125, 69-86	6.4	26
208	Investigation of regional conditions and sustainability indicators for sustainable product development of building materials. *Journal of Cleaner Production*, **2018**, 196, 1356-1364	10.3	24
207	Network Design for Allied Supply Chains under Uncertain Conditions: A Possibilistic Programming Approach. **2018**, 20, 1857-1871		1
206	A robust possibilistic programming multi-objective model for locating transfer points and shelters in disaster relief. **2019**, 15, 326-353		13
205	A strategic model for exact supply chain network design and its application to a global manufacturer. **2019**, 57, 1371-1397		8
204	Robust Fuzzy chance constraint programming for multi-item EOQ model with random disruption and partial backordering under uncertainty. **2019**, 36, 276-285		12
203	A new robust possibilistic programming model for reliable supply chain network design: A case study of lead-acid battery supply chain. **2019**, 53, 1489-1512		10
202	A Robust Fuzzy Optimization Model for Closed-Loop Supply Chain Networks Considering Sustainability. **2019**, 11, 5726		9
201	A new robust-possibilistic reliable hub protection model with elastic demands and backup hubs under risk. **2019**, 86, 68-82		10
200	A benders-local branching algorithm for second-generation biodiesel supply chain network design under epistemic uncertainty. **2019**, 124, 364-380		17
199	Sustainability-based review of urban freight models. **2019**, 23, 2899-2909		13
198	Fuzzy data envelopment analysis: An adjustable approach. *Expert Systems With Applications*, **2019**, 136, 439-452	7.8	40
197	Supply chain network design considering sustainable development paradigm: A case study in cable industry. *Journal of Cleaner Production*, **2019**, 234, 366-380	10.3	24
196	Novel robust fuzzy programming for closed-loop supply chain network design under hybrid uncertainty. **2019**, 37, 6457-6470		2
195	A two-stage fuzzy optimization model for scarce drugs supply and ration planning under uncertainty: A case study. **2019**, 81, 105514		7
194	A comprehensive reverse supply chain model using an interactive fuzzy approach □A case study on the Vietnamese electronics industry. **2019**, 76, 87-108		18

193	Extending the supply chain to address sustainability. *Journal of Cleaner Production*, **2019**, 229, 652-666	10.3	60
192	A fuzzy robust stochastic mathematical programming approach for multi-objective scheduling of the surgical cases. **2019**, 56, 890-910		9
191	Designing and planning a sustainable supply chain network considering economic aspects, environmental impact, fixed job opportunities and customer service level. **2019**, 9, 73		3
190	A robust possibilistic programming model for water allocation problem. **2019**, 53, 323-338		5
189	Robust Planning of Energy and Environment Systems through Introducing Traffic Sector with Cost Minimization and Emissions Abatement under Multiple Uncertainties. **2019**, 9, 928		7
188	Application of Fuzzy Optimization to Bioenergy-Supply-Chain Planning under Epistemic Uncertainty: A New Approach. **2019**, 58, 6519-6536		4
187	A multi-objective mixed robust possibilistic flexible programming approach for sustainable seaport-dry port network design under an uncertain environment. **2019**, 124, 13-39		39
186	Sustainable design of a municipal solid waste management system considering waste separators: A real-world application. **2019**, 47, 101457		62
185	A stochastic risk-averse sustainable supply chain network design problem with quantity discount considering multiple sources of uncertainty. *Computers and Industrial Engineering*, **2019**, 130, 430-449	6.4	35
184	A socially responsible supplier selection model under uncertainty: case study of pharmaceutical department of an Iranian hospital. **2019**, 32, 69		4
183	The design of the vaccine supply network under uncertain condition. **2019**, 14, 841-871		5
182	The forward and reverse pharmaceutical supply chain network design considering tainted product delivery. **2019**, 33, 205		1
181	A bi-objective integrated model for the uncertain blood network design with raising products quality. **2019**, 13, 553		7
180	E-Waste Reverse Supply Chain: A Review and Future Perspectives. **2019**, 9, 5195		18
179	An extended robust approach for a cooperative inventory routing problem. *Expert Systems With Applications*, **2019**, 116, 310-327	7.8	17
178	A trade-off between productivity and cost for the integrated part quality inspection and preventive maintenance planning under uncertainty. **2019**, 57, 5951-5973		8
177	Redesigning a food bank supply chain network in a triple bottom line context. **2019**, 214, 234-247		27
176	A bi-objective MILP model for blocking hybrid flexible flow shop scheduling problem: robust possibilistic programming approach. **2019**, 14, 137-146		7

175	A flexible-possibilistic stochastic programming method for planning municipal-scale energy system through introducing renewable energies and electric vehicles. *Journal of Cleaner Production*, **2019**, 207, 772-787	10.3	55
174	Designing a sustainable supply chain network integrated with vehicle routing: A comparison of hybrid swarm intelligence metaheuristics. *Computers and Operations Research*, **2019**, 110, 220-235	4.6	53
173	Mixed robust possibilistic flexible chance constraint optimization model for emergency blood supply chain network design. **2019**, 283, 1079-1109		31
172	Fuzzy criteria programming approach for optimising the TBL performance of closed loop supply chain network design problem. **2019**, 273, 693-738		54
171	Sustainable closed-loop supply chain network design with discount supposition. **2019**, 31, 5343-5377		69
170	Robust possibilistic programming for multi-item EOQ model with defective supply batches: Whale Optimization and Water Cycle Algorithms. **2019**, 31, 6587-6614		19
169	Developing a robust stochastic model for designing a blood supply chain network in a crisis: a possible earthquake in Tehran. **2019**, 283, 679-703		47
168	A corporate social responsibility (CSR) model QFD-based approach. **2020**, 31, 137-148		5
167	A closed-loop supply chain robust optimization for disposable appliances. **2020**, 32, 3967-3985		25
166	An integrated replenishment-recruitment policy in a sustainable retailing system for deteriorating products. **2020**, 69, 100686		9
165	A hybrid robust possibilistic approach for a sustainable supply chain location-allocation network design. **2020**, 7, 60-75		33
164	Integrated innovative product design and supply chain tactical planning within a blockchain platform. **2020**, 58, 2242-2262		39
163	Data-driven robust optimization for wastewater sludge-to-biodiesel supply chain design. *Computers and Industrial Engineering*, **2020**, 139, 105944	6.4	18
162	A robust fuzzy approach for constrained multi-product economic production quantity with imperfect items and rework process. **2020**, 69, 63-90		26
161	Multiobjective fuzzy mathematical model for a financially constrained closed-loop supply chain with labor employment. **2020**, 36, 4-34		36
160	Robust design of a sustainable and resilient bioethanol supply chain under operational and disruption risks. **2020**, 22, 119-151		12
159	A multi-objective robust possibilistic model for technology portfolio optimization considering social impact and different types of financing. **2020**, 86, 105892		5
158	Designing an environmental supply chain network in the mining industry to reduce carbon emissions. *Journal of Cleaner Production*, **2020**, 254, 119688	10.3	14

157	A novel two-phase robust portfolio selection and optimization approach under uncertainty: A case study of Tehran stock exchange. **2020**, 15, e0239810		11
156	A multi-objective robust possibilistic programming approach to sustainable public transportation network design. *Fuzzy Sets and Systems*, **2020**,	3.7	6
155	Innovative strategy to design a mixed resilient-sustainable electricity supply chain network under uncertainty. **2020**, 280, 115921		15
154	Sustainable sugarcane-to-bioethanol supply chain network design: A robust possibilistic programming model. **2020**, 278, 115653		11
153	A multi-attribute model to optimize the price and composition of prepaid mobile Internet plans. **2020**, 33, 1257-1291		2
152	Robust optimization and modified genetic algorithm for a closed loop green supply chain under uncertainty: Case study in melting industry. *Computers and Industrial Engineering*, **2020**, 147, 106653	6.4	36
151	Corporate social responsibility and supply chain management: Framing and pushing forward the debate. *Journal of Cleaner Production*, **2020**, 273, 122981	10.3	24
150	Integrated forward/reverse logistics thin-film photovoltaic power plant supply chain network design with uncertain data. **2020**, 277, 115538		6
149	Multi-objective fuzzy robust optimization approach to sustainable closed-loop supply chain network design. *Computers and Industrial Engineering*, **2020**, 148, 106716	6.4	42
148	Stackelberg□Nash Game Approach for Constrained Robust Optimization With Fuzzy Variables. **2020**, 1-1		4
147	Management of animal fat-based biodiesel supply chain under the paradigm of sustainability. **2020**, 225, 113345		19
146	Stackelberg game approach for robust optimization with fuzzy variables. **2020**, 1-1		0
145	A reverse supply chain for medical waste: A case study in Babol healthcare sector. **2020**, 113, 197-209		22
144	New robust optimization models for closed-loop supply chain of durable products: Towards a circular economy. *Computers and Industrial Engineering*, **2020**, 146, 106520	6.4	14
143	Air and ground ambulance location-allocation-routing problem for designing a temporary emergency management system after a disaster. **2020**, 234, 812-828		10
142	Ecology in Transport: Problems and Solutions. **2020**,		6
141	An integrated location-routing-inventory model for sustainable design of a perishable products supply chain network. *Journal of Cleaner Production*, **2020**, 260, 120842	10.3	47
140	Designing a multi-period production-distribution system considering social responsibility aspects and failure modes. **2020**, 22, 239-250		4

139	A novel robust possibilistic programming approach for the hazardous waste location-routing problem considering the risks of transportation and population. **2020**, 1-13		1
138	How to quantify social impacts in strategic supply chain optimization: State of the art. *Journal of Cleaner Production*, **2020**, 257, 120459	10.3	7
137	A multi-objective robust optimization model to design sustainable sugarcane-to-biofuel supply network: the case of study. **2020**, 1		10
136	Achieving sustainable development of supply chain by incorporating various carbon regulatory mechanisms. **2020**, 81, 102253		15
135	Joint decision on product greenness strategies and pricing in a dual-channel supply chain: A robust possibilistic approach. *Journal of Cleaner Production*, **2020**, 256, 120437	10.3	17
134	Organ transportation and allocation problem under medical uncertainty: A real case study of liver transplantation. **2020**, 134, 101841		4
133	Planning energy-water nexus systems based on a dual risk aversion optimization method under multiple uncertainties. *Journal of Cleaner Production*, **2020**, 255, 120100	10.3	12
132	A robust mixed flexible-possibilistic programming approach for multi-objective closed-loop green supply chain network design. **2021**, 23, 3368-3395		13
131	Robust possibilistic programming for joint order batching and picker routing problem in warehouse management. **2021**, 59, 4434-4452		15
130	A robust possibilistic programming approach toward animal fat-based biodiesel supply chain network design under uncertain environment. *Journal of Cleaner Production*, **2021**, 278, 122403	10.3	29
129	Sustainable traveling purchaser problem with speed optimization. **2021**, 15, 621-640		5
128	A set of calibrated metaheuristics to address a closed-loop supply chain network design problem under uncertainty. **2021**, 8, 23-40		20
127	A fuzzy inference based scenario building in two-stage optimization framework for sustainable recycling supply chain redesign. *Expert Systems With Applications*, **2021**, 165, 113906	7.8	8
126	Toward sustainable microgrids with blockchain technology-based peer-to-peer energy trading mechanism: A fuzzy meta-heuristic approach. **2021**, 136, 110452		17
125	Integrated inexact optimization for hybrid renewable energy systems. **2021**, 203-231		0
124	Sustainable supply chain network design problem: Using the integrated BWM, TOPSIS, possibilistic programming, and ε-constrained methods. *Expert Systems With Applications*, **2021**, 168, 114373	7.8	14
123	Optimal Design and Operation of the green pistachio supply network: A robust possibilistic programming model. *Journal of Cleaner Production*, **2021**, 282, 125212	10.3	4
122	A risk-sharing-based resilient renewable energy supply network model under the COVID-19 pandemic. **2021**, 25, 484-498		11

121	A novel robust fuzzy mean-UPM model for green closed-loop supply chain network design under distribution ambiguity. **2021**, 92, 99-135		9
120	A multi-objective robust optimization approach for green location-routing planning of multi-modal transportation systems under uncertainty. *Journal of Cleaner Production*, **2021**, 291, 125293	10.3	10
119	The design of a resilient and sustainable maximal covering closed-loop supply chain network under hybrid uncertainties: a case study in tire industry. **2021**, 23, 9949-9973		7
118	Sustainable microgrid design considering blockchain technology for real-time price-based demand response programs. **2021**, 125, 106418		23
117	Designing energy-efficient high-precision multi-pass turning processes via robust optimization and artificial intelligence. **2021**, 32, 1621-1647		8
116	A scenario-based optimization model for planning and redesigning the sale and after-sales services closed-loop supply chain. **2021**, 55, S2859-S2877		1
115	Tactical planning in biofuel supply chain under uncertainty. **2021**, 213-245		
114	A robust optimization model for sustainable and resilient closed-loop supply chain network design considering conditional value at risk. **2021**, 11, 221		57
113	Uncertainties in biofuel supply chain. **2021**, 65-93		
112	Multi-objective Cross-Docking in Physical Internet Hubs Under Arrival Time Uncertainty. **2021**, 460-472		
111	Sustainable closed-loop supply chain network optimization for construction machinery recovering. **2021**, 17, 2389		2
110	A solution algorithm for integrated production-inventory-routing of perishable goods with transshipment and uncertain demand. *Complex & Intelligent Systems*, **2021**, 7, 1349-1365	7.1	10
109	Toward blockchain-based renewable energy microgrid design considering default risk and demand uncertainty. **2021**, 163, 870-881		29
108	Leagile supply chain network design through a dynamic two-phase optimization in view of order penetration point. **2021**, 55, S1369-S1394		1
107	Designing emergency flood evacuation plans using robust optimization and artificial intelligence. **2021**, 41, 640-677		10
106	Optimizing a Reverse Supply Chain Network for Electronic Waste under Risk and Uncertain Factors. **2021**, 11, 1946		1
105	Economic pricing of complex products in a competitive closed-loop supply chain network under uncertainty: A case study of CoPS industry. **2021**, 55, 921-945		0
104	A fuzzy bi-level programming approach to scarce drugs supply and ration planning problem under risk. *Fuzzy Sets and Systems*, **2021**, 434, 48-48	3.7	1

103	Application of meta-heuristic algorithm for multi-objective optimization of sustainable supply chain uncertainty. **2021**, 46, 1		1
102	The Flexible Possibilistic-Robust Mathematical Programming Approach for the Resilient Supply Chain Network: An Operational Plan. **2021**, 20, 473-498		0
101	Modelling and solving the bi-objective production transportation problem with time windows and social sustainability.		2
100	Pharmaceutical R&D project portfolio selection and scheduling under uncertainty: A robust possibilistic optimization approach. *Computers and Industrial Engineering*, **2021**, 155, 107114	6.4	3
99	A robust possibilistic programming approach for blood supply chain network design in disaster relief considering congestion. 1		1
98	A fuzzy robust multi-objective optimization model for building energy retrofit considering utility function: A university building case study. **2021**, 241, 110933		9
97	Fuzzy chance-constrained data envelopment analysis: a structured literature review, current trends, and future directions. 1		5
96	A scenario-based mathematical approach to a robust project portfolio selection problem under fuzzy uncertainty. **2021**, 1-14		
95	Development of a non-dominated sorting genetic algorithm for implementing circular economy strategies in the concrete industry. **2021**, 27, 933-946		11
94	Mapping research in logistics and supply chain management during COVID-19 pandemic. 1-21		6
93	Developing a two-stage model for a sustainable closed-loop supply chain with pricing and advertising decisions. *Journal of Cleaner Production*, **2021**, 309, 127165	10.3	2
92	Green Closed-Loop Supply Chain Network under the COVID-19 Pandemic. **2021**, 13, 9407		1
91	NSGA-II algorithm for hub location-allocation problem considering hub disruption and backup hub allocation. **2021**, ahead-of-print,		0
90	A robust optimization model for influence maximization in social networks with heterogeneous nodes. **2021**, 8,		1
89	Carbon-efficient closed-loop supply chain network: an integrated modeling approach under uncertainty. **2021**, 1		3
88	Sustainable closed-loop supply chain network under uncertainty: a response to the COVID-19 pandemic. **2021**, 1		3
87	Optimal design of a sustainable natural gas supply chain network under uncertainty. *Chemical Engineering Research and Design*, **2021**,	5.5	2
86	Designing a Closed-loop Supply Chain Network Considering Social Factors; A Case Study on Avocado Industry. **2021**, 101, 600-600		21

85	A capacity planning approach for sustainable-resilient supply chain network design under uncertainty: A case study of vaccine supply chain. *Computers and Industrial Engineering*, **2021**, 159, 107406	6.4	16
84	A two-stage multi-objective second generation biodiesel supply chain design considering social sustainability: A case study. **2021**, 233, 121020		6
83	Designing an eco-efficient supply chain network considering carbon trade and trade-credit: A robust fuzzy optimization approach. *Computers and Industrial Engineering*, **2021**, 160, 107595	6.4	2
82	Soft robust solutions to possibilistic optimization problems. *Fuzzy Sets and Systems*, **2021**, 422, 130-148	3.7	0
81	An integrated material-financial risk-averse resilient supply chain model with a real-world application. *Computers and Industrial Engineering*, **2021**, 161, 107629	6.4	3
80	Regional-scale water-energy nexus management by a mixed Possibilistic-Flexible robust nonlinear programming model. **2021**, 603, 126852		1
79	Managing Disruptions in Supply Chains. **2021**, 272-284		1
78	Uncertainty modeling approaches for biofuel supply chains. **2021**, 127-181		
77	Logistic Flow Control System in Green Supply Chains. **2020**, 311-380		2
76	A Fuzzy Optimization Approach to Integration of Physical and Financial Flows in a Global Supply Chain Under Exchange Rate Uncertainty. **2018**, 20, 2415-2439		10
75	A multi-objective fuzzy robust optimization approach for designing sustainable and reliable power systems under uncertainty. **2020**, 92, 106317		23
74	A survey of semiconductor supply chain models part I: semiconductor supply chains, strategic network design, and supply chain simulation. **2018**, 56, 4524-4545		40
73	A hub location model in the sustainable supply chain considering customer segmentation. **2020**, ahead-of-print,		2
72	Sustainable Closed-Loop Supply Chain Design Problem: A Hybrid Genetic Algorithm Approach. **2020**, 8, 84		13
71	Strategic Barriers and Operational Risks in Sustainable Supply Chain Management in the Indian Context. **2019**, 238-259		2
70	Solving a new bi-objective multi-echelon supply chain problem with a Jackson open-network issue under uncertainty. 1		
69	A robust optimization approach for designing an environmentally conscious supply chain with consideration of customer-specific environmental product requirements. **2014**, 185-205		1
68	Solving a hub location-routing problem with a queue system under social responsibility by a fuzzy meta-heuristic algorithm. 1		0

67	Role of Information Technology on Supply Chain Management of Pharmaceutical Industry. **2020**, 673-706		1
66	A private sustainable partner selection model for green public-private partnerships and regional economic development. **2021**, 101189		3
65	Applications of Operations Research in Production and Distribution Management of Pharmaceutical Products. 49-77		
64	Use of Information Technology in the Supply Chain Management of the Pharmaceutical Industry. **2022**, 137-168		1
63	Cost optimization strategy and robust control strategy for dynamic supply chain system. 1		
62	Robust Fuzzy-Stochastic Programming Model and Meta-Heuristic Algorithms for Dual-Resource Constrained Flexible Job-Shop Scheduling Problem Under Machine Breakdown. **2021**, 9, 155740-155762		1
61	A distributed robust optimization model based on water-food-energy nexus for irrigated agricultural sustainable development. **2022**, 606, 127394		2
60	A Mean-Variance robust model to minimize operational risk and supply chain cost under aleatory uncertainty: A real-life case application in petroleum supply chain. *Computers and Industrial Engineering*, **2022**, 166, 107949	6.4	1
59	Optimization models for supply chains under risk, uncertainty, and resilience: A state-of-the-art review and future research directions. **2022**, 157, 102553		5
58	Planning for low-carbon energy-transportation system at metropolitan scale: A case study of Beijing, China. **2022**, 246, 123181		0
57	Designing a Medical Supply Chain Network Considering the Risk of Supply and Flexible Production in Two-Stage Uncertain Conditions. **2022**, 2022, 1-15		0
56	Emergence of open supply chain management: the role of open innovation in the future smart industry using digital twin network. 1		5
55	Effects of government subsidy programs on job creation for sustainable supply chain management. **2022**, 101261		0
54	Robust decision support for seawater desalination system management under consideration of environmental pollution control.. **2022**, 1		
53	A two-stage joint chance-constrained programming considering compound uncertainty of interval, random and fuzzy: a case study for agricultural water planning in an arid area. 1		
52	Utilizing energy transition to drive sustainability in cold supply chains: a case study in the frozen food industry.		0
51	Robust design of a green-responsive closed-loop supply chain network for the ventilator device.. **2022**, 1		1
50	A robust fuzzy multi-objective location-routing problem for hazardous waste under uncertain conditions.. **2022**, 1-21		1

49	Crop-growth-based spatially-distributed optimization model for irrigation water resource management under uncertainties and future climate change. *Journal of Cleaner Production*, **2022**, 345, 131182	10.3	0
48	Sustainable supply chain network design: A case of the glass manufacturer in Asia. **2022**, 248, 108483		0
47	A Data-Driven Robust Optimization Model by Cutting Hyperplanes on Vaccine Access Uncertainty in COVID-19 Vaccine Supply Chain.. **2022**, 102637		3
46	A robust convex optimization approach to design a hierarchical organ transplant network: A case study. *Expert Systems With Applications*, **2022**, 197, 116716	7.8	0
45	Green road□ail intermodal routing problem with improved pickup and delivery services integrating truck departure time planning under uncertainty: an interactive fuzzy programming approach. *Complex & Intelligent Systems*, 1	7.1	4
44	A study on aviation supply chain network controllability and control effect based on the topological structure. **2022**, 19, 6276-6295		
43	A multi-objective robust possibilistic programming approach for sustainable disaster waste management under disruptions and uncertainties. **2022**, 102967		0
42	A hybrid machine learning-optimization approach to pricing and train formation problem under demand uncertainty □		
41	Inexact Fuzzy-Flexible Left-Hand-Side Chance-Constrained Programming for Agricultural Nonpoint-Source Water Quality Management.		
40	A flexible robust model for blood supply chain network design problem.. **2022**, 1-26		1
39	A bi-objective blood supply chain model under uncertain donation, demand, capacity and cost: a robust possibilistic-necessity approach. 1		0
38	Distributionally robust possibilistic optimization problems. *Fuzzy Sets and Systems*, **2022**,	3.7	
37	Designing a resilient and sustainable biomass supply chain network through the optimization approach under uncertainty and the disruption. *Journal of Cleaner Production*, **2022**, 359, 131741	10.3	2
36	A multi-objective optimization framework for a sustainable closed-loop supply chain network in the olive industry: Hybrid meta-heuristic alg□rithms. *Expert Systems With Applications*, **2022**, 117566	7.8	2
35	A robust possibilistic optimization model for organ transplantation network design considering climate change and organ quality. *Journal of Ambient Intelligence and Humanized Computing*,	3.7	0
34	Competitive facility location problem with foresight considering discrete-nature attractiveness for facilities: Model and solution. *Computers and Operations Research*, **2022**, 105900	4.6	0
33	Designing an oil supply chain network considering sustainable development paradigm and uncertainty. *Chemical Engineering Research and Design*, **2022**,	5.5	1
32	System dynamics model: developing model for supplier selection with a focus on CSR criteria. *Complex & Intelligent Systems*,	7.1	0

31	Multi-objective closed-loop supply chain network design: A novel robust stochastic, possibilistic, and flexible approach. *Expert Systems With Applications*, **2022**, 117807	7.8	2
30	Sustainable network design for a non-profit food bank supply chain with a heterogeneous fleet under uncertainty. *Computers and Industrial Engineering*, **2022**, 171, 108442	6.4	0
29	A robust possibilistic flexible programming approach toward a resilient and cost-efficient biodiesel supply chain network. *Journal of Cleaner Production*, **2022**, 366, 132752	10.3	9
28	An integrated decision model for managing hospital evacuation in response to an extreme flood event: A case study of the Hawkesbury-Nepean River, NSW, Australia. *Safety Science*, **2022**, 155, 105867	5.8	1
27	A robust possibilistic programming framework for designing an organ transplant supply chain under uncertainty.		1
26	A hybrid model for robust design of sustainable closed-loop supply chain in lead-acid battery industry.		0
25	Multi-objective sustainable supply chain network design and planning considering transportation and energy source selection using a lexicographic procedure. **2022**, 172, 108528		0
24	Designing a sustainable-remanufacturing closed-loop supply chain under hybrid uncertainty: Cross-efficiency sorting multi-objective optimization. **2022**, 172, 108639		0
23	Inexact fuzzy-flexible left-hand-side chance-constrained programming for agricultural nonpoint-source water quality management. **2023**, 854, 158565		0
22	The Emergence of a Sustainable and Reliable Supply Chain Paradigm in Supply Chain Network Design. **2022**, 2022, 1-29		0
21	A Robust Possibilistic Programming Approach for a Road-Rail Intermodal Routing Problem with Multiple Time Windows and Truck Operations Optimization under Carbon Cap-and-Trade Policy and Uncertainty. **2022**, 10, 156		3
20	A Flexible Robust Possibilistic Programming Approach for Sustainable Second-Generation Biogas Supply Chain Design under Multiple Uncertainties. **2022**, 14, 11597		1
19	A Robust Possibilistic Bi-Objective Mixed Integer Model for Green Biofuel Supply Chain Design under Uncertain Conditions. **2022**, 14, 13675		1
18	A Flexible Robust Possibilistic Programming Approach toward Wood Pellets Supply Chain Network Design. **2022**, 10, 3657		1
17	A sustainable medical waste management system design in the face of uncertainty and risk during COVID-19.		1
16	Managing water-energy-carbon nexus in integrated regional water network planning through graph theory-based bi-level programming. **2022**, 328, 120178		0
15	Sustainable inventory management in blood banks considering health equity using a combined metaheuristic-based robust fuzzy stochastic programming. **2022**, 101462		6
14	Optimizing Technology R&D Supply Chain Problem Under Technology Concern Uncertainty.		0

13	Designing an integrated humanitarian logistics network for the preparedness and response phases under uncertainty. **2022**, 101496	1
12	A robust fuzzy stochastic multi-objective model for stone paper closed-loop supply chain design considering the flexibility of soft constraints based on Me measure. **2022**, 109944	0
11	Facility Location Modeling in Supply Chain Network Design: Current State and Emerging Trends. **2023**, 1-36	0
10	The open location-routing problem for multi-objective optimization of sustainable supply chain considering social concerns. **2023**, 0-0	0
9	A robust fuzzy-stochastic optimization model for managing open innovation uncertainty in the ambidextrous supply chain planning problem.	0
8	A robust possibilistic multi-echelon multi-product multi-period production-inventory-routing problem considering internal operations of cross-docks: Case study of FMCG supply chain. **2023**, 179, 109206	0
7	A hybrid decision-making method using robust programming and interval-valued fuzzy sets for sustainable-resilient supply chain network design considering circular economy and technology levels. **2023**, 33, 100440	1
6	A new fuzzy DEA network based on possibility and necessity measures for agile supply chain performance evaluation: A case study. **2023**, 220, 119552	0
5	Planning China non-deterministic energy system (2021 2060) to achieve carbon neutrality. **2023**, 334, 120673	0
4	A two-echelon location routing problem considering sustainability and hybrid open and closed routes under uncertainty. **2023**, 9, e14258	0
3	Supply chain network design with financial considerations: A comprehensive review. **2023**,	0
2	A New Design for the Peer-to-Peer Electricity and Gas Markets Based on Robust Probabilistic Programming. **2023**, 16, 3464	0
1	A robust stochastic possibilistic programming model for dynamic supply chain network design with pricing and technology selection decisions.	0