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## Development and evaluation of five fuzzy multiattribute decision-making methods

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325	DEVELOPMENT AND EVALUATION OF MULTIPLE-OBJECTIVE DECISION-MAKING METHODS FOR WATERSHED MANAGEMENT PLANNING1. <b>2002</b> , 38, 517-529		25
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315	Evaluation of production facilities in a closed-loop supply chain: a fuzzy TOPSIS approach. <b>2004</b> ,		8
314	Value differences using second-order distributions. <i>International Journal of Approximate Reasoning</i> , <b>2005</b> , 38, 81-97	3.6	17
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309	An extension to benefit/cost based fuzzy MCDM algorithm. <b>2005</b> , 8, 59-68		
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307	DECISION ANALYSIS WITH MULTIPLE OBJECTIVES IN A FRAMEWORK FOR EVALUATING IMPRECISION. <b>2005</b> , 13, 495-509		18
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305	Fuzzy multi-objective optimization for network design of logistic and production systems.		
304	Multicriteria decision making for enhanced perception-based multimedia communication. <b>2005</b> , 35, 855-866		6
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297	Fuzzy TOPSIS method based on alpha level sets with an application to bridge risk assessment. <b>2006</b> , 31, 309-319		537
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295	Extensions of the multicriteria analysis with pairwise comparison under a fuzzy environment. <i>International Journal of Approximate Reasoning</i> , <b>2006</b> , 43, 268-285	3.6	68
294	Selection, identification and comparison of industrial robots using digraph and matrix methods. <b>2006</b> , 22, 373-383		119
293	Catchment-wide wetland assessment and prioritization using the multi-criteria decision-making method TOPSIS. <b>2006</b> , 38, 316-26		33
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291	Fuzzy multi-objective optimization for network design of integrated e-supply chains. <b>2007</b> , 20, 588-601		10
290	An analytical methodology to estimate the potential volume attracted by a rail-road intermodal terminal. <b>2007</b> , 10, 11-28		8
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287	Fuzzy Approach to Prequalifying Construction Contractors. <b>2007</b> , 133, 40-49		50
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285	Fuzzy Multiple Attribute Decision Making on Water Resources Projects Case Study: Ranking Water Transfers to Zayanderud Basin in Iran. <b>2007</b> , 32, 280-293		13
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283	Multiple criteria evaluation of rural building's regeneration alternatives. <b>2007</b> , 42, 436-451		139

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281	Selection of optimum maintenance strategies based on a fuzzy analytic hierarchy process. <b>2007</b> , 107, 151-163	332
280	A note on group decision-making based on concepts of ideal and anti-ideal points in a fuzzy environment. <b>2007</b> , 46, 1256-1264	22
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278	A linguistic multicriteria analysis system combining fuzzy sets theory, ideal and anti-ideal points for location site selection. <b>2008</b> , 35, 2041-2048	59
277	Fuzzy AHP Assessment of Water Management Plans. <b>2008</b> , 22, 877-894	108
276	A fuzzy-stochastic OWA model for robust multi-criteria decision making. <b>2008</b> , 7, 1-15	46
275	Determining the parameters of dual-card kanban system: an integrated multicriteria and artificial neural network methodology. <b>2008</b> , 38, 965-977	9
274	Comparison of fuzzy AHP and fuzzy TOPSIS methods for facility location selection. <b>2008</b> , 39, 783-795	246
273	Designing a model of fuzzy TOPSIS in multiple criteria decision making. <b>2008</b> , 206, 607-617	154
272	Computer aided rapid tooling process selection and manufacturability evaluation for injection mold development. <b>2008</b> , 59, 262-276	55
271	Selection of the strategic alliance partner in logistics value chain. <b>2008</b> , 113, 148-158	255
270	An adapted multi-criteria approach to suppliers and products selectionAn application oriented to lead-time reduction. <b>2008</b> , 111, 763-781	110
269	Ranking of intuitionistic fuzzy numbers. <b>2008</b> ,	10
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266	MATHEMATICAL PROGRAMMING APPROACH TO MULTIATTRIBUTE DECISION MAKING UNDER INTUITIONISTIC FUZZY ENVIRONMENTS. <b>2008</b> , 16, 557-577	23
265	Evaluating the knowledge, relevance and experience of expert decision makers utilizing the Fuzzy-AHP. <b>2008</b> , 54, 529-535	8

264	. <b>2009</b> , 58, 612-617		12
263	Stochastic-fuzzy multi criteria decision making for robust water resources management. <b>2009</b> , 23, 329-339		51
262	An extension to fuzzy MCDM. <b>2009</b> , 57, 445-454		45
261	An assessment of the recycling potential of materials based on environmental and economic factors; case study in South Korea. <b>2009</b> , 17, 1264-1271		38
260	A general fuzzy TOPSIS model in multiple criteria decision making. <b>2009</b> , 45, 406-420		21
259	Maintenance practices in Swedish industries: Survey results. <b>2009</b> , 121, 212-223		84
258	Revising the OWA operator for multi criteria decision making problems under uncertainty. <b>2009</b> , 198, 259-265		40
257	Development of a decision support system for machining center selection. <b>2009</b> , 36, 3505-3513		58
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255	Extension of fuzzy TOPSIS method based on interval-valued fuzzy sets. <i>Applied Soft Computing Journal</i> , <b>2009</b> , 9, 457-461	7.5	238
254	A Multi-criteria Interval-Valued Intuitionistic Fuzzy Group Decision Making for Supplier Selection with TOPSIS Method. <b>2009</b> , 303-312		9
253	A new heuristic for the flowshop scheduling problem to minimize makespan and maximum tardiness. <b>2009</b> , 47, 273-288		9
252	Performance evaluation of Turkish cement firms with fuzzy analytic hierarchy process and TOPSIS methods. <b>2009</b> , 36, 702-715		292
251	Fuzzy approach to measuring healthcare service quality. <b>2009</b> , 1, 105		2
250	. <b>2010</b> ,		
249	Applying maximizing set and minimizing set to solving a tradeoff based fuzzy MCDM model. <b>2010</b> , 31, 477-487		
248	Selection of partner companies in extended enterprise using fuzzy AHP. <b>2010</b> , 2, 322		
247	Selection of raw materials in textile spinning industry using fuzzy multi-criteria decision making approach. <b>2010</b> , 11, 121-127		34

246	Fire risk evaluation using multicriteria analysis--a case study. <b>2010</b> , 166, 223-39		105
245	A performance appraisal and promotion ranking system based on fuzzy logic: An implementation case in military organizations. <i>Applied Soft Computing Journal</i> , <b>2010</b> , 10, 512-519	7.5	18
244	An integrated fuzzy multi-criteria approach for the performance evaluation of multiple manufacturing plants. <b>2010</b> , 58, 269-277		62
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242	Multi-criteria decision models for management of tropical coastal fisheries. A review. <b>2010</b> , 30, 557-580		27
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233	Fuzzy Group Decision Making for the Selection of Facility Location. <b>2011</b> , 20, 725-740		32
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231	A Monte-Carlo game theoretic approach for Multi-Criteria Decision Making under uncertainty. <b>2011</b> , 34, 607-616		131
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228	A new fuzzy MCDM approach based on centroid of fuzzy numbers. <b>2011</b> , 38, 5226-5230		24
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223	A taxonomy and review of the multiple criteria decision-making literature in chemical engineering. <b>2011</b> , 1, 407		7
222	Multi-criteria group decision making with fuzzy logic and entropy based weighting. <b>2011</b> ,		6
221	A Fuzzy Multi-Criteria SWOT Analysis: An Application to Nuclear Power Plant Site Selection. <b>2011</b> , 4, 583-595		26
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217	WITHDRAWN: Multicriteria analysis of green supply chain management using interval-valued fuzzy TODIM. <b>2012</b> ,		5
216	Selecting and improving a maintenance policy for mechanical components using cost-effectiveness. <b>2012</b> , 1, 153		3
215	A Fuzzy Hybrid Approach for Fuzzy Process FMEA: An Application to a Spindle Manufacturing Process. <b>2012</b> , 5, 611-626		24
214	An improvement of quantitative strategic planning matrix using multiple criteria decision making and fuzzy numbers. <i>Applied Soft Computing Journal</i> , <b>2012</b> , 12, 2246-2253	7.5	24
213	Modeling uncertainty in multi-criteria decision analysis. <b>2012</b> , 223, 1-14		221
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210	An integrated fuzzy approach for strategic alliance partner selection in third-party logistics. <b>2012</b> , 2012, 486306	16
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208	A comprehensive bibliography on effectiveness measurement of manufacturing systems. <b>2012</b> , 3, 587-606	14
207	A Hybrid Strategic Development and Prioritization Model for Information and Communication Technology Enhancement. <b>2012</b> , 3, 19-40	5
206	Comparison of different multicriteria methods in selecting optimal biomechanical model parameters. <b>2012</b> , 92, 105-112	1
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201	Performance Evaluation of Technological Innovation Capabilities In Uncertainty. <b>2012</b> , 40, 287-314	19
200	A Comparison of Parametric and Fuzzy Multi-Criteria Methods for Evaluating Land Suitability for Olive in Jeffara Plain of Libya. <b>2013</b> , 5, 405-409	20
199	A method for the selection of customized equipment suppliers. <b>2013</b> , 40, 1170-1176	28
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191	Student satisfaction evaluation based on AHP-TOPSIS method. <b>2013</b> , 48, 263	1
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189	An integrated technique for the internal logistics analysis and management in discrete manufacturing systems. <b>2014</b> , 27, 165-180	9
188	Risk assessment of liquefied natural gas carriers using fuzzy TOPSIS. <b>2014</b> , 9, 355-364	16
187	Indirect Rapid Tooling. <b>2014</b> , 345-373	1
186	Extending TOPSIS in fuzzy environment by using the nearest weighted interval approximation of fuzzy numbers. <b>2014</b> , 27, 2725-2736	18
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183	Critical Review of Multi-criteria Decision Aid Methods in Conceptual Design Phases: Application to the Development of a Solar Collector Structure. <b>2014</b> , 21, 497-502	15
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179	An integrated fuzzy MCDM approach and analysis to evaluate the financial performance of Iranian cement companies. <b>2014</b> , 71, 685-698	25
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177	Strategic system selection with linguistic preferences and grey information using MCDM. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 18, 323-337	7.5 19
176	Multi-Criteria Decision Making on the position of High Water Mark. <b>2014</b> , 102, 191-199	1
175	Context-aware dissemination of information and services in heterogeneous network environments. <b>2014</b> , 5, 775-787	12

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163	CRIDE: A Case Study in Multi-Criteria Analysis for Decision-Making Support in Rainwater Harvesting. <b>2015</b> , 14, 43-67		6
162	Multicriteria analysis of sustainable development indicators in the construction minerals industry in China. <b>2015</b> , 46, 123-133		54
161	An analytical solution to fuzzy TOPSIS and its application in personnel selection for knowledge-intensive enterprise. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 30, 190-204	7.5	74
160	Identification and prioritization of coordination barriers in humanitarian supply chain management. <b>2015</b> , 13, 128-138		78
159	Hybrid FAHP (fuzzy analytical hierarchy process)-FTOPSIS (fuzzy technique for order preference by similarity of an ideal solution) approach for performance evaluation of the V down perforated baffle roughened rectangular channel. <b>2015</b> , 84, 432-442		32
158	Fuzzy Multicriteria Decision-Making: A Literature Review. <b>2015</b> , 8, 637-666		282
157	Validating RAPFISH sustainability indicators: Focus on multi-disciplinary aspects of Indian marine fisheries. <b>2015</b> , 60, 202-207		10

156	A novel general risk assessment method using the soft TOPSIS approach. <b>2015</b> , 32, 408-421		12
155	Multi objective optimization of EDM process parameters using fuzzy TOPSIS method. <b>2015</b> ,		8
154	Using a hybrid method to evaluate service innovation in the hotel industry. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 28, 411-421	7.5	32
153	Environmental sustainability benchmarking of the U.S. and Canada metropolises: An expert judgment-based multi-criteria decision making approach. <b>2015</b> , 42, 31-41		60
152	Water supply management using an extended group fuzzy decision-making method: a case study in north-eastern Iran. <b>2015</b> , 5, 291-304		20
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146	Belief AHP Method [AHP Method with the Belief Function Framework. <b>2016</b> , 15, 553-573		1
145	Statistical and analytical comparison of multi-criteria decision-making techniques under fuzzy environment. <b>2016</b> , 3, 92-117		42
144	Ranking terrorist targets using a hybrid AHP-TOPSIS methodology. <b>2016</b> , 13, 77-93		6
143	A new distance measure for interval valued intuitionistic fuzzy sets and its application to group decision making problems with incomplete weights information. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 41, 120-134	7.5	79
142	Identifying the competitive determinants of firms' green supply chain capabilities under uncertainty. <b>2016</b> , 18, 1247-1262		34
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139	Application of the TOPSIS and intuitionistic fuzzy set approaches for ranking the life cycle sustainability performance of alternative vehicle technologies. <b>2016</b> , 6, 12-25		99

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137	A fuzzy MCDM approach for choosing a tourism destination in Portugal. <b>2016</b> , 10, 23		6
136	Supplier selection using a clustering method based on a new distance for interval type-2 fuzzy sets: A case study. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 38, 213-231	7.5	42
135	A method for the evaluation of risk in IT projects. <b>2016</b> , 45, 273-285		34
134	A multi-attribute decision-making model for the robust classification of multiple inputs and outputs datasets with uncertainty. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 38, 176-189	7.5	8
133	An analytical solution to the TOPSIS model with interval type-2 fuzzy sets. <b>2016</b> , 20, 1213-1230		21
132	FUZZY MULTIATTRIBUTE CONSUMER CHOICE AMONG HEALTH INSURANCE OPTIONS. <b>2017</b> , 22, 1-20		11
131	A bibliometric-based survey on AHP and TOPSIS techniques. <b>2017</b> , 78, 158-181		207
130	An integrated methodology for the used product selection problem faced by third-party reverse logistics providers. <b>2017</b> , 10, 399-410		12
129	A fuzzy multi-criteria decision-making approach for managing performance and risk in integrated procurement-production planning. <b>2017</b> , 55, 5305-5329		34
128	Fuzzy Multicriteria Decision-Making Methods: A Comparative Analysis. <b>2017</b> , 32, 722-738		20
127	TOPSIS-based approach for hesitant fuzzy linguistic term sets with possibility distribution information. <b>2017</b> ,		2
126	Data-enabled cognitive modeling: Validating student engineers' fuzzy design-based decision-making in a virtual design problem. <b>2017</b> , 25, 1001-1017		1
125	Evaluation of e-commerce websites: An integrated approach under a single-valued trapezoidal neutrosophic environment. <b>2017</b> , 135, 44-59		55
124	An extension of fuzzy TOPSIS for a group decision making with an application to tehran stock exchange. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 52, 1084-1097	7.5	75
123	On fuzzy TOPSIS method based on alpha level sets. <b>2017</b> , 33, 4067-4076		3
122	A rough set approach for determining weights of decision makers in group decision making. <b>2017</b> , 12, e0172679		14
121	Assessment of CSR based supply chain performance system using an integrated fuzzy AHP-TOPSIS approach. <b>2018</b> , 21, 378-406		31

120	Multi-criteria group decision making under uncertainty: Application in reservoir flood control operation. <b>2018</b> , 100, 236-251		42
119	Assessing the readiness to implement lean in healthcare institutions [A case study. <b>2018</b> , 197, 123-142		38
118	A framework for evaluating the performance of sustainable service supply chain management under uncertainty. <b>2018</b> , 195, 359-372		80
117	A novel approach for enhancing green supply chain management using converged interval-valued triangular fuzzy numbers-grey relation analysis. <b>2018</b> , 128, 122-133		55
116	Deriving crisp and consistent priorities for fuzzy AHP-based multicriteria systems using non-linear constrained optimization. <b>2018</b> , 17, 195-209		15
115	The utility based non-linear fuzzy AHP optimization model for network selection in heterogeneous wireless networks. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 67, 800-811	7.5	54
114	Projection-Based PROMETHEE Methods Based on Hesitant Fuzzy Linguistic Term Sets. <b>2018</b> , 20, 2161-2174		29
113	Extension of TOPSIS Method and its Application in Investment. <b>2018</b> , 43, 693-705		18
112	Identification and prioritisation of AIDA promotion model tools by use of fuzzy AHP approach. <b>2018</b> , 32, 92		
111	GIS Based Multi-Criteria Decision Analysis for Renewable Energy Sites Selection:Comparative Study. <b>2018</b> ,		
110	An Integrated Multicriteria Analysis Tool for Evaluating Water Resource Management Strategies. <b>2018</b> , 10, 1795		22
109	Reconnoitering the suitability of fuzzified weighted decision matrix for design process of a reconfigurable assembly fixture. <b>2018</b> , 8, 38		8
108	Risk based multi criteria decision making for secure image transfer between unmanned air vehicle and ground control station. <b>2018</b> , 178, 31-39		3
107	A Hybrid Fuzzy BWM-COPRAS Method for Analyzing Key Factors of Sustainable Architecture. <b>2018</b> , 10, 1626		54
106	A Hybrid Fuzzy Outranking Approach for Group Decision-Making under Uncertainty. <b>2018</b> ,		
105	Type-2 Fuzzy Decision-Making Theories, Methodologies and Applications. <i>Uncertainty and Operations Research</i> , <b>2019</b> ,	0.1	4
104	Evaluation and selection of mobile health (mHealth) applications using AHP and fuzzy TOPSIS. <b>2019</b> , 59, 101186		60
103	A systematic survey of computer-aided diagnosis in medicine: Past and present developments. <b>2019</b> , 138, 112821		70

102	The seven key challenges for the future of computer-aided diagnosis in medicine. <b>2019</b> , 129, 413-422	16
101	Decision Analysis for Optimal Design Concept: Hybridized Fuzzified Weighted Decision Matrix and Fuzzy TOPSIS Using Design for X Tools. <b>2019</b> , 84, 434-441	3
100	Predicting Biogasification Potential of Urban Wastewater Using Multiparameter Aggregated Index of Influent. <b>2019</b> , 38, 13119	1
99	A Methodology to Manage Organizational Procedures Through Ontologies. <b>2019</b> , 7, 56244-56262	0
98	Fuzzy Multicriteria Decision-Making Model for Maintenance Management of Irrigation Projects. <b>2019</b> , 145, 04019026	3
97	Extended Version of Linguistic Picture Fuzzy TOPSIS Method and Its Applications in Enterprise Resource Planning Systems. <b>2019</b> , 2019, 1-8	15
96	Stocks Analysis and Prediction Using Big Data Analytics. <b>2019</b> ,	10
95	Multi-criteria decision-making approach to material selection in tribological application. <b>2019</b> , 36, 92	1
94	Simple Additive Weighting and Weighted Product Methods Using Neutrosophic Sets. <b>2019</b> , 647-676	6
93	Fuzzy-based gaps assessment of flood disaster risk reduction management systems in Metro Manila, Philippines. <b>2019</b> , 33, 443-458	5
92	Development of sustainability assessment tool for existing buildings. <b>2019</b> , 44, 99-119	77
91	Elucidation of structural relationships of SWOT: A mixed method approach based on FMADM for formulating science and technology strategies. <b>2019</b> , 56, 44-56	7
90	A framework for analyzing the competitiveness of unconventional modes of transportation in developing cities. <b>2020</b> , 137, 504-518	7
89	Selection of features for analysis of reliability of performance in hydropower plants: a multi-criteria decision making approach. <b>2020</b> , 22, 3239-3265	9
88	Application of interval valued intuitionistic fuzzy TOPSIS for flood management. <b>2020</b> , 38, 873-881	10
87	The Evaluation of Computer Algebra Systems Using Fuzzy Multi-Criteria Decision-Making Models. <b>2020</b> , 8, 1-16	2
86	Combine MCDM Methods and PSO to Evaluate Economic Benefits of High-Tech Zones in China. <b>2020</b> , 12, 7833	1
85	Fuzzy AHP-TOPSIS multi-criteria decision analysis applied to the Indus Reservoir system in Pakistan. <b>2020</b> , 20, 1933-1949	2

84	Shipyard location selection based on fuzzy AHP and TOPSIS. <b>2020</b> , 39, 4557-4576	6
83	Agricultural Risk Management Using Fuzzy TOPSIS Analytical Hierarchy Process (AHP) and Failure Mode and Effects Analysis (FMEA). <b>2020</b> , 10, 504	12
82	Sustainable hybrid electric vehicle selection in the context of a developing country. <b>2020</b> , 13, 489-499	11
81	Eliminating Rank Reversal Problem Using a New Multi-Attribute Model the RAFSI Method. <b>2020</b> , 8, 1015	20
80	Generalized hesitant fuzzy rough sets (GHFRS) and their application in risk analysis. <b>2020</b> , 24, 14005-14017	8
79	An approach integrating geographic information system and building information modelling to assess the building health of commercial buildings. <b>2020</b> , 257, 120532	14
78	A comparison study on landslide prediction through FAHP and Dempster-Shafer methods and their evaluation by PA plots. <b>2020</b> , 79, 1	7
77	Analytic Hierarchy Process-Based Construction Material Selection for Performance Improvement of Building Construction: The Case of a Concrete System Form. <b>2020</b> , 13,	5
76	A fuzzy multi-criteria approach for evaluating the contribution of freight transportation towards India's Nationally Determined Contributions (NDCs). <b>2021</b> , 59, 2857-2884	2
75	Analysing the vulnerability of green clothing supply chains in South and Southeast Asia using fuzzy analytic hierarchy process. <b>2021</b> , 59, 752-771	22
74	Fuzzy Logic-Based Handover Requirement Analysis and Access Network Selection for Device-to-Device Communication. <b>2021</b> , 30, 2150009	4
73	L-R geometric consistency definition of triangular multiplicative preference relation in group decision making. <b>2021</b> , 409, 85-113	12
72	Sustainable Configuration of the Tunisian Olive Oil Supply Chain Using a Fuzzy TOPSIS-Based Approach. <b>2021</b> , 13, 722	5
71	Measuring the readiness of a megaproject. <b>2021</b> , 14, 999-1022	2
70	Energy Performance Assessment Framework for Residential Buildings in Saudi Arabia. <b>2021</b> , 13, 2232	4
69	Geomorphic Analysis, Morphometric-based Prioritization and Tectonic Implications in Chite Lui River, Northeast India. <b>2021</b> , 97, 385-395	5
68	Weighted aggregation operators of fuzzy credibility numbers and their decision-making approach for slope design schemes. <b>2021</b> , 40, 1	5
67	Analysis and Comparison of State-of-the-Art Fuzzy Multi-criteria Decision-making Methods Under Different Levels of Uncertainty. 097226292110029	



66	APPLICATION OF MULTIPLE CRITERIA DECISION MAKING METHODS IN CONSTRUCTION: A SYSTEMATIC LITERATURE REVIEW. <b>2021</b> , 27, 372-403	11
65	A robust fuzzy hybrid MCDM ranking method for optimal selection of lithium extraction process from brine and seawater. <b>2021</b> , 169, 106957	6
64	Evaluating the Preparedness of Indian States against COVID-19 Pandemic Risk: A Fuzzy Multi-criteria Decision-Making Approach. <b>2021</b> ,	1
63	Istanbul Airport (IGA) and quest of best competitive strategy for air cargo carriers in new competition environment: A fuzzy multi-criteria approach. <b>2021</b> , 95, 102088	2
62	. <b>2021</b> , 9, 99651-99666	2
61	A credit scoring model for SMEs using AHP and TOPSIS.	11
60	Fuzzy Multi-Criteria Evaluation of Industrial Robotic Systems Using Topsis. <b>2008</b> , 159-186	5
59	Simple Additive Weighting and Weighted Product Methods Using Spherical Fuzzy Sets. <b>2021</b> , 241-258	3
58	Multi-Criteria Decision Models for Management of Tropical Coastal Fisheries. <b>2011</b> , 251-280	2
57	Seismic induced damageability evaluation of steel buildings: a Fuzzy-TOPSIS method. <b>2012</b> , 3, 695-717	14
56	The analytic hierarchy process as a support for decision making. <b>2007</b> , 44-59	3
55	Fuzzy Applications of FUCOM Method in Manufacturing Environment.	2
54	The Impact Of Intangible Capital On Countries Sustainability During The Economical Recession. <b>2014</b> ,	1
53	THE USE OF A MODIFICATION OF THE HURWICZB DECISION RULE IN MULTICRITERIA DECISION MAKING UNDER COMPLETE UNCERTAINTY. <b>2014</b> , 12, 283-302	5
52	On Securities Portfolio Optimization, Preferences, Payoff Matrix Estimation and Uncertain Mixed Decision Making.	2
51	Fuzzy Judgments and Fuzzy Sets. 100-116	1
50	B-School Selection by Fuzzy TOPSIS and AHP. <b>2018</b> , 929-955	3
49	Extension of the TOPSIS for Multi-Attribute Group Decision Making under Atanassov IFS Environments. <b>2011</b> , 1, 47-61	34

48	Preliminary Investigation on Coupling MCDA with GLUE to Perform Uncertainty Analysis of a Hydrological Model. <b>2015</b> , 6, 23-28		1
47	Interval Fuzzy Bayesian Inference. <b>2004</b> , 559-566		
46	A Multi-Criteria Decision Making Procedure Based on Neural Networks for Kanban Allocation. <b>2006</b> , 898-905		1
45	Quantitative Modeling Techniques. <b>2008</b> ,		
44	Modeling Heterogeneous Experts' Preference Ratings for Environmental Impact Assessment through a Fuzzy Decision Making System. <b>2011</b> , 535-549		
43	Industrial Engineering and Operations Research Techniques Used in the Book. <b>2012</b> , 17-44		
42	Measurement Uncertainty in Decision-Making. <b>2013</b> , 193-207		
41	Extension of the TOPSIS for Multi-Attribute Group Decision Making under Atanassov IFS Environments. <b>2013</b> , 241-255		
40	MCDM Approach for Flood Vulnerability Assessment using TOPSIS Method with $\alpha$ Cut Level Sets. <b>2013</b> , 46, 977-987		2
39	PERSONNEL SELECTION BASED ON A NOVEL MODEL OF GAME THEORY AND MCDM APPROACHES. <b>2014</b> ,		4
38	Strategic Planning. <b>1999</b> , 419-444		
37	Aggregating GIS and MCDM to Optimize Wave Energy Converters Location in Tasmania, Australia. <b>2015</b> , 141-164		1
36	Aggregating GIS and MCDM to Optimize Wave Energy Converters Location in Tasmania, Australia. <b>2016</b> , 943-966		1
35	B-School Selection by Fuzzy TOPSIS and AHP. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , <b>2016</b> , 1-27	0.3	1
34	YAZILIM PROJESİNİN PROBLEMİNDE OKAMA OPTİMİZASYON UYGULAMASI. <i>Dokuz Eylül Üniversitesi İktisadi Fakültesi Dergisi</i> , <b>2016</b> , 17, 47-47		0
33	Fuzzy Logic Approach and Manufacturing System Evaluation Methodologies. <i>Management and Industrial Engineering</i> , <b>2018</b> , 165-187	0.2	
32	Identification of User Preference for Multi-Criteria Reporting in Business Intelligence. <i>Advances in E-Business Research Series</i> , <b>2018</b> , 16-47	0.4	
31	Methodological support for intellectual capital strategic management of the research organization. <i>Problems and Perspectives in Management</i> , <b>2018</b> , 16, 292-308	0.9	0

30	Interval Type-2 Fuzzy Decision Making Based on TOPSIS. <i>Uncertainty and Operations Research</i> , <b>2019</b> , 85-106		
29	MCDM-Review of Decision Making Modules Integration in CMMS. <b>2019</b> ,		
28	Obtaining Crisp Priorities for Triangular and Trapezoidal Fuzzy Judgments. <i>Computer Systems Science and Engineering</i> , <b>2022</b> , 41, 157-170	3.9	
27	EVALUATION OF SUPPLY CHAIN PERFORMANCE USING AN INTEGRATED TWO-STEP CLUSTERING AND INTERVAL TYPE-2 FUZZY TOPSIS METHOD: A CASE STUDY. <i>Pamukkale University Journal of Social Sciences Institute</i> ,		0
26	QACRM: QoS Aware AHP Based Cognitive Route Selection in MANETs. <i>Wireless Personal Communications</i> , 1	1.9	
25	Methods of Group Decisions and Aggregation of Experts' Opinions. 151-171		
24	Reverse Supply Chain Design. 357-372		
23	A Logical Approach to Fuzzy MADM Problems. <b>2007</b> , 43-49		
22	Identifying Aggregation Weights of Decision Criteria: Application of Fuzzy Systems to Wood Product Manufacturing. <b>2007</b> , 415-435		
21	The relative importance of factors influencing the surgeons' choice between mastectomy and breast-conserving surgery for women with breast cancer. <i>Health Care for Women International</i> , <b>2021</b> , 1-10	1.5	0
20	A cause-based defect ranking approach for existing concrete bridges using Analytic Hierarchy Process and fuzzy-TOPSIS. <i>Structure and Infrastructure Engineering</i> , 1-13	2.9	2
19	MCDM Approach in Noise Control. <b>2022</b> , 447-481		
18	Regularity of Pythagorean neutrosophic graphs with an illustration in MCDM. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 9424-9442	2.2	2
17	On the Factors of Successful e-Commerce Platform Design during and after COVID-19 Pandemic Using Extended Fuzzy AHP Method. <i>Axioms</i> , <b>2022</b> , 11, 105	1.6	0
16	Moving towards a sustainable circular bio-economy in the agriculture sector of a developing country. <i>Ecological Economics</i> , <b>2022</b> , 196, 107402	5.6	0
15	Application of AI based expert evaluation method in an automobile supplier selection problem. <i>Materials Today: Proceedings</i> , <b>2022</b> ,	1.4	0
14	A Fuzzy Multi Criteria Decision Making Methodology for Job Evaluation. <b>2022</b> , 01,		
13	Fuzzy ELECTRE and TOPSIS method to analyze the risk factors of tuberculosis. <i>Journal of Physics: Conference Series</i> , <b>2022</b> , 2267, 012109	0.3	0

12	A Holistic Framework for Environment Conscious Based Material Selection and Experimental Assessment Using Digraph-Based Expert System. <i>Scientific Programming</i> , <b>2022</b> , 2022, 1-10	1.4	2
11	A Technique of Risk Management for Medical Laboratory Equipment. <b>2022</b> ,		
10	Modelling supply chain viability during COVID-19 disruption: A case of an Indian automobile manufacturing supply chain. <i>Operations Management Research</i> ,	3.6	1
9	The applications of MCDM methods in COVID-19 pandemic: A state of the art review. <i>Applied Soft Computing Journal</i> , <b>2022</b> , 126, 109238	7.5	4
8	Evaluating groundwater ponds for urban drinking water supply under uncertainty.		0
7	Rapid reservoir fisheries appraisal (r-RAPFISH): Indicator based framework for sustainable fish production in Indian reservoirs. <b>2022</b> , 134435		0
6	Multi-criteria decision-making based on novel fuzzy generalized divergence and knowledge measures.		0
5	Quantification of Multi-hazard Risk of existing RC bridges in Barak Valley Region (India). 1-36		0
4	A method for selecting processes for automation with AHP and TOPSIS. <b>2023</b> , 9, e13683		0
3	A Hybrid Fuzzy Multi-Criteria Decision-Making Model for Evaluating the Influence of Industry 4.0 Technologies on Manufacturing Strategies. <b>2023</b> , 11, 310		1
2	Optimal Design of an Eco-Friendly Transportation Network under Uncertain Parameters. <b>2023</b> , 15, 5538		0
1	Sensitivity Analysis of Combat Desertification Strategies in Fuzzy Environment in Yazd-Khezrabad Sub-Catchment (Saduq County). <b>2022</b> , 13, 203-214		0