

Cengiz Kahraman

List of Publications by Year in descending order

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483
papers

21,069
citations

8910

75
h-index

13621

131
g-index

498
all docs

498
docs citations

498
times ranked

11351
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-criteria supplier selection using fuzzy AHP. <i>Logistics Information Management</i> , 2003, 16, 382-394.	0.8	955
2	Spherical fuzzy sets and spherical fuzzy TOPSIS method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 337-352.	1.6	638
3	Multi-attribute comparison of catering service companies using fuzzy AHP: The case of Turkey. <i>International Journal of Production Economics</i> , 2004, 87, 171-184.	9.2	636
4	Multicriteria renewable energy planning using an integrated fuzzy VIKOR & AHP methodology: The case of Istanbul. <i>Energy</i> , 2010, 35, 2517-2527.	9.0	600
5	A fuzzy optimization model for QFD planning process using analytic network approach. <i>European Journal of Operational Research</i> , 2006, 171, 390-411.	5.9	564
6	Fuzzy group decision-making for facility location selection. <i>Information Sciences</i> , 2003, 157, 135-153.	7.2	434
7	A novel approach to risk assessment for occupational health and safety using Pythagorean fuzzy AHP & fuzzy inference system. <i>Safety Science</i> , 2018, 103, 124-136.	5.0	418
8	Fuzzy Multicriteria Decision-Making: A Literature Review. <i>International Journal of Computational Intelligence Systems</i> , 2015, 8, 637.	2.7	400
9	A comparative analysis for multiattribute selection among renewable energy alternatives using fuzzy axiomatic design and fuzzy analytic hierarchy process. <i>Energy</i> , 2009, 34, 1603-1616.	9.0	387
10	Multicriteria decision making in energy planning using a modified fuzzy TOPSIS methodology. <i>Expert Systems With Applications</i> , 2011, 38, 6577-6585.	7.9	384
11	Fuzzy multi-attribute selection among transportation companies using axiomatic design and analytic hierarchy process. <i>Information Sciences</i> , 2005, 170, 191-210.	7.2	361
12	Fuzzy analytic hierarchy process with interval type-2 fuzzy sets. <i>Knowledge-Based Systems</i> , 2014, 59, 48-57.	7.4	359
13	Fuzzy performance evaluation in Turkish Banking Sector using Analytic Hierarchy Process and TOPSIS. <i>Expert Systems With Applications</i> , 2009, 36, 11699-11709.	7.9	300
14	A novel spherical fuzzy analytic hierarchy process and its renewable energy application. <i>Soft Computing</i> , 2020, 24, 4607-4621.	3.8	278
15	A fuzzy multicriteria methodology for selection among energy alternatives. <i>Expert Systems With Applications</i> , 2010, 37, 6270-6281.	7.9	277
16	Fuzzy multicriteria disposal method and site selection for municipal solid waste. <i>Waste Management</i> , 2010, 30, 1729-1736.	7.6	246
17	Fuzzy group decision making for selection among computer integrated manufacturing systems. <i>Computers in Industry</i> , 2003, 51, 13-29.	10.2	237
18	INTUITIONISTIC FUZZY EDAS METHOD: AN APPLICATION TO SOLID WASTE DISPOSAL SITE SELECTION. <i>Journal of Environmental Engineering and Landscape Management</i> , 2017, 25, 1-12.	1.0	234

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19	A novel fuzzy TOPSIS method using emerging interval-valued spherical fuzzy sets. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 85, 307-323.	8.3	211
20	Application of fuzzy multi-criteria decision making methods for financial performance evaluation of Turkish manufacturing industries. <i>Expert Systems With Applications</i> , 2012, 39, 350-364.	7.9	202
21	A fuzzy multi-criteria decision approach for software development strategy selection. <i>International Journal of General Systems</i> , 2004, 33, 259-280.	2.5	200
22	A decision support system for demand forecasting with artificial neural networks and neuro-fuzzy models: A comparative analysis. <i>Expert Systems With Applications</i> , 2009, 36, 6697-6707.	7.9	198
23	Effects of water-saving irrigation practices and drought resistant rice variety on greenhouse gas emissions from a no-till paddy in the central lowlands of China. <i>Science of the Total Environment</i> , 2015, 505, 1043-1052.	8.2	197
24	Multi-attribute comparison of advanced manufacturing systems using fuzzy vs. crisp axiomatic design approach. <i>International Journal of Production Economics</i> , 2005, 95, 415-424.	9.2	185
25	Fuzzy multi-attribute equipment selection based on information axiom. <i>Journal of Materials Processing Technology</i> , 2005, 169, 337-345.	6.4	184
26	Capital budgeting techniques using discounted fuzzy versus probabilistic cash flows. <i>Information Sciences</i> , 2002, 142, 57-76.	7.2	183
27	Fuzzy multi-criteria evaluation of industrial robotic systems. <i>Computers and Industrial Engineering</i> , 2007, 52, 414-433.	6.5	179
28	Multi-criteria warehouse location selection using Choquet integral. <i>Expert Systems With Applications</i> , 2010, 37, 3943-3952.	7.9	179
29	An integrated fuzzy AHP-ELECTRE methodology for environmental impact assessment. <i>Expert Systems With Applications</i> , 2011, 38, 8553-8562.	7.9	176
30	Applications of axiomatic design principles: A literature review. <i>Expert Systems With Applications</i> , 2010, 37, 6705-6717.	7.9	173
31	Group decision-making based on complex spherical fuzzy VIKOR approach. <i>Knowledge-Based Systems</i> , 2021, 216, 106793.	7.4	167
32	A novel VIKOR method using spherical fuzzy sets and its application to warehouse site selection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 1197-1211.	1.6	164
33	Operating system selection using fuzzy replacement analysis and analytic hierarchy process. <i>International Journal of Production Economics</i> , 2005, 97, 89-117.	9.2	161
34	An integrated fuzzy multi-criteria decision making methodology for material handling equipment selection problem and an application. <i>Expert Systems With Applications</i> , 2010, 37, 2853-2863.	7.9	158
35	A new multi-attribute decision making method: Hierarchical fuzzy axiomatic design. <i>Expert Systems With Applications</i> , 2009, 36, 4848-4861.	7.9	156
36	A state-of-the-art review on multi-attribute renewable energy decision making. <i>Energy Strategy Reviews</i> , 2019, 25, 18-33.	7.4	148

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37	Strategic Decision Selection Using Hesitant fuzzy TOPSIS and Interval Type-2 Fuzzy AHP: A case study. International Journal of Computational Intelligence Systems, 2014, 7, 1002.	2.7	145
38	Multi-criteria evaluation of alternative-fuel vehicles via a hierarchical hesitant fuzzy linguistic model. Expert Systems With Applications, 2015, 42, 2835-2848.	7.9	145
39	A two phase multi-attribute decision-making approach for new product introduction. Information Sciences, 2007, 177, 1567-1582.	7.2	144
40	Multi-expert wind energy technology selection using interval-valued intuitionistic fuzzy sets. Energy, 2015, 90, 274-285.	9.0	140
41	Fuzzy multiple criteria forestry decision making based on an integrated VIKOR and AHP approach. Expert Systems With Applications, 2011, 38, 7326-7333.	7.9	139
42	Multi-expert performance evaluation of healthcare institutions using an integrated intuitionistic fuzzy AHP&DEA methodology. Knowledge-Based Systems, 2017, 133, 90-106.	7.4	139
43	Determining the importance weights for the design requirements in the house of quality using the fuzzy analytic network approach. International Journal of Intelligent Systems, 2004, 19, 443-461.	5.8	138
44	A new hesitant fuzzy QFD approach: An application to computer workstation selection. Applied Soft Computing Journal, 2016, 46, 1-16.	7.4	130
45	Extension of WASPAS with Spherical Fuzzy Sets. Informatica, 2019, 30, 269-292.	2.8	128
46	A new risk assessment approach: Safety and Critical Effect Analysis (SCEA) and its extension with Pythagorean fuzzy sets. Safety Science, 2018, 108, 173-187.	5.0	126
47	Organizational strategy development in distribution channel management using fuzzy AHP and hierarchical fuzzy TOPSIS. Expert Systems With Applications, 2012, 39, 2822-2841.	7.9	122
48	A fuzzy multi attribute decision framework with integration of QFD and grey relational analysis. Expert Systems With Applications, 2019, 115, 474-485.	7.9	122
49	Hierarchical fuzzy TOPSIS model for selection among logistics information technologies. Journal of Enterprise Information Management, 2007, 20, 143-168.	7.7	121
50	EVALUATION OF RENEWABLE ENERGY ALTERNATIVES USING MACBETH AND FUZZY AHP MULTICRITERIA METHODS: THE CASE OF TURKEY. Technological and Economic Development of Economy, 2013, 19, 38-62.	4.6	121
51	An alternative approach to fuzzy control charts: Direct fuzzy approach. Information Sciences, 2007, 177, 1463-1480.	7.2	120
52	Information systems outsourcing decisions using a group decision-making approach. Engineering Applications of Artificial Intelligence, 2009, 22, 832-841.	8.3	116
53	Remote postconditioning by humoral factors in effluent from ischemic preconditioned rat hearts is mediated via PI3K/Akt-dependent cell-survival signaling at reperfusion. Basic Research in Cardiology, 2011, 106, 135-145.	6.0	116
54	A novel pythagorean fuzzy AHP and its application to landfill site selection problem. Soft Computing, 2019, 23, 10953-10968.	3.8	112

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55	Project risk evaluation using a fuzzy analytic hierarchy process: An application to information technology projects. <i>International Journal of Intelligent Systems</i> , 2006, 21, 559-584.	5.8	108
56	Prioritization of e-Government strategies using a SWOT-AHP analysis: the case of Turkey. <i>European Journal of Information Systems</i> , 2007, 16, 284-298.	9.1	105
57	Developmental Competence, after Transfer to Recipients, of Porcine Oocytes Matured, Fertilized, and Cultured In Vitro. <i>Biology of Reproduction</i> , 1999, 60, 336-340.	2.6	103
58	Application of axiomatic design and TOPSIS methodologies under fuzzy environment for proposing competitive strategies on Turkish container ports in maritime transportation network. <i>Expert Systems With Applications</i> , 2009, 36, 4541-4557.	7.9	98
59	An integrated fuzzy QFD model proposal on routing of shipping investment decisions in crude oil tanker market. <i>Expert Systems With Applications</i> , 2009, 36, 6227-6235.	7.9	97
60	Risk assessment of renewable energy investments: A modified failure mode and effect analysis based on prospect theory and intuitionistic fuzzy AHP. <i>Energy</i> , 2022, 239, 121907.	9.0	97
61	FUZZY COPRAS METHOD FOR PERFORMANCE MEASUREMENT IN TOTAL PRODUCTIVE MAINTENANCE: A COMPARATIVE ANALYSIS. <i>Journal of Business Economics and Management</i> , 2016, 17, 663-684.	2.4	96
62	Multiprocessor task scheduling in multistage hybrid flow-shops: A parallel greedy algorithm approach. <i>Applied Soft Computing Journal</i> , 2010, 10, 1293-1300.	7.4	93
63	Developing a group decision support system based on fuzzy information axiom. <i>Knowledge-Based Systems</i> , 2010, 23, 3-16.	7.4	93
64	Selection among ERP outsourcing alternatives using a fuzzy multi-criteria decision making methodology. <i>International Journal of Production Research</i> , 2010, 48, 547-566.	6.9	93
65	Fuzzy axiomatic design-based performance evaluation model for docking facilities in shipbuilding industry: The case of Turkish shipyards. <i>Expert Systems With Applications</i> , 2009, 36, 599-615.	7.9	92
66	$\hat{\mu}$ -Cut fuzzy control charts for linguistic data. <i>International Journal of Intelligent Systems</i> , 2004, 19, 1173-1195.	5.8	91
67	Development of fuzzy process control charts and fuzzy unnatural pattern analyses. <i>Computational Statistics and Data Analysis</i> , 2006, 51, 434-451.	1.3	90
68	Quantification of flexibility in advanced manufacturing systems using fuzzy concept. <i>International Journal of Production Economics</i> , 2004, 89, 45-56.	9.2	87
69	A Comprehensive Literature Review of 50 Years of Fuzzy Set Theory. <i>International Journal of Computational Intelligence Systems</i> , 2016, 9, 3.	2.7	87
70	A novel interval-valued Pythagorean fuzzy QFD method and its application to solar photovoltaic technology development. <i>Computers and Industrial Engineering</i> , 2019, 132, 361-372.	6.5	84
71	A novel spherical fuzzy QFD method and its application to the linear delta robot technology development. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 87, 103348.	8.3	83
72	Evaluation of government strategies against COVID-19 pandemic using q-rung orthopair fuzzy TOPSIS method. <i>Applied Soft Computing Journal</i> , 2021, 110, 107653.	7.4	83

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91	Fuzzy exponentially weighted moving average control chart for univariate data with a real case application. <i>Applied Soft Computing Journal</i> , 2014, 22, 1-10.	7.4	60
92	A novel intuitionistic fuzzy DEMATEL â€“ ANP â€“ TOPSIS integrated methodology for freight village location selection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 1335-1352.	1.6	60
93	A COMPARISON OF FUZZY MULTICRITERIA DECISION MAKING METHODS FOR INTELLIGENT BUILDING ASSESSMENT. <i>Journal of Civil Engineering and Management</i> , 2014, 20, 59-69.	3.5	59
94	A spherical fuzzy methodology integrating maximizing deviation and TOPSIS methods. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 101, 104212.	8.3	59
95	A new ELECTRE-based method for group decision-making with complex spherical fuzzy information. <i>Knowledge-Based Systems</i> , 2022, 243, 108525.	7.4	57
96	A preventative lifestyle intervention for older adults (lifestyle matters): a randomised controlled trial. <i>Age and Ageing</i> , 2017, 46, 627-634.	1.6	55
97	Fuzzy robust process capability indices for risk assessment of air pollution. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 529-541.	4.1	54
98	Evaluation of research proposals for grant funding using interval-valued intuitionistic fuzzy sets. <i>Soft Computing</i> , 2017, 21, 1203-1218.	3.8	52
99	Analytical solution for Stokes flow inside an evaporating sessile drop: Spherical and cylindrical cap shapes. <i>Physics of Fluids</i> , 2009, 21, 042102.	3.9	51
100	A novel hesitant fuzzy EDAS method and its application to hospital selection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 6353-6365.	1.6	51
101	Multi-Criteria Decision Making Methods and Fuzzy Sets. <i>Springer Optimization and Its Applications</i> , 2008, , 1-18.	0.0	51
102	Development of fuzzy process accuracy index for decision making problems. <i>Information Sciences</i> , 2010, 180, 861-872.	7.2	50
103	Hospital Location Selection Using Spherical Fuzzy TOPSIS. <i>Atlantis studies in uncertainty modelling</i> , 0, , .	0.0	50
104	Minimum spanning tree hierarchical clustering algorithm: A new Pythagorean fuzzy similarity measure for the analysis of functional brain networks. <i>Expert Systems With Applications</i> , 2022, 201, 117016.	7.9	50
105	An Alternative Ranking Approach and Its Usage in Multi-Criteria Decision-Making. <i>International Journal of Computational Intelligence Systems</i> , 2009, 2, 219-235.	2.7	48
106	ELECTRE I Method Using Hesitant Linguistic Term Sets: An Application to Supplier Selection. <i>International Journal of Computational Intelligence Systems</i> , 2016, 9, 153.	2.7	48
107	Healthcare Failure Mode and Effects Analysis Under Fuzziness. <i>Human and Ecological Risk Assessment (HERA)</i> , 2013, 19, 538-552.	3.4	46
108	A Comparison of Wind Energy Investment Alternatives Using Interval-Valued Intuitionistic Fuzzy Benefit/Cost Analysis. <i>Sustainability</i> , 2016, 8, 118.	3.3	45

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109	Novel similarity measures in spherical fuzzy environment and their applications. Engineering Applications of Artificial Intelligence, 2020, 94, 103837.	8.3	44
110	Retail store performance measurement using a novel interval-valued Pythagorean fuzzy WASPAS method. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3835-3846.	1.6	43
111	Interval-valued Pythagorean Fuzzy EDAS method: An Application to Car Selection Problem. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4061-4077.	1.6	43
112	Socio-economic evaluation model for sustainable solar PV panels using a novel integrated MCDM methodology: A case in Turkey. Socio-Economic Planning Sciences, 2021, 77, 100998.	5.3	43
113	Fuzzy process capability indices for quality control of irrigation water. Stochastic Environmental Research and Risk Assessment, 2009, 23, 451-462.	4.1	42
114	Extension of axiomatic design principles under fuzzy environment. Expert Systems With Applications, 2010, 37, 2682-2689.	7.9	41
115	Intelligence decision systems in enterprise information management. Journal of Enterprise Information Management, 2011, 24, 360-379.	7.7	41
116	B2C Marketplace Prioritization Using Hesitant Fuzzy Linguistic AHP. International Journal of Fuzzy Systems, 2018, 20, 2202-2215.	4.0	41
117	A new fuzzy multicriteria decision making approach: An application for European Quality Award assessment. Knowledge-Based Systems, 2012, 32, 37-46.	7.4	40
118	A novel picture fuzzy CRITIC & REGIME methodology: Wearable health technology application. Engineering Applications of Artificial Intelligence, 2022, 113, 104942.	8.3	40
119	Engineering economic analyses using intuitionistic and hesitant fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1151-1168.	1.6	39
120	An intuitionistic fuzzy multi-distance based evaluation for aggregated dynamic decision analysis (IF-DEVADA): Its application to waste disposal location selection. Engineering Applications of Artificial Intelligence, 2022, 111, 104809.	8.3	39
121	Process capability analyses with fuzzy parameters. Expert Systems With Applications, 2011, 38, 11918-11927.	7.9	38
122	A FUZZY MULTI-CRITERIA DECISION ANALYSIS APPROACH FOR RETAIL LOCATION SELECTION. International Journal of Information Technology and Decision Making, 2013, 12, 729-755.	3.7	38
123	FUZZY ACCEPTANCE SAMPLING AND CHARACTERISTIC CURVES. International Journal of Computational Intelligence Systems, 2012, 5, 13.	2.7	37
124	Fuzzy process capability analyses with fuzzy normal distribution. Expert Systems With Applications, 2010, 37, 5390-5403.	7.9	36
125	Near-infrared photoluminescence spectra in Bi-doped CsI crystal: evidence for Bi-valence conversions and Bi ion aggregation. Optical Materials Express, 2012, 2, 757.	3.0	36
126	Vehicle selection for public transportation using an integrated multi criteria decision making approach: A case of Ankara. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2467-2481.	1.6	36

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127	Multi Criteria Supplier Selection Using Fuzzy PROMETHEE Method. Studies in Fuzziness and Soft Computing, 2014, , 21-34.	0.0	36
128	Selecting firms in University technoparks: A hesitant linguistic fuzzy TOPSIS model for heterogeneous contexts. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1155-1172.	1.6	36
129	A novel neutrosophic CODAS method: Selection among wind energy plant locations. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1491-1504.	1.6	36
130	Fuzzy Process Accuracy Index to Evaluate Risk Assessment of Drought Effects in Turkey. Human and Ecological Risk Assessment (HERA), 2009, 15, 789-810.	3.4	35
131	An Integrated Intuitionistic Fuzzy AHP and TOPSIS Approach to Evaluation of Outsource Manufacturers. Journal of Intelligent Systems, 2019, 29, 283-297.	1.9	35
132	Circular intuitionistic fuzzy TOPSIS method: pandemic hospital location selection. Journal of Intelligent and Fuzzy Systems, 2021, 42, 295-316.	1.6	35
133	A Fuzzy Multi-Criteria SWOT Analysis: An Application to Nuclear Power Plant Site Selection. International Journal of Computational Intelligence Systems, 2011, 4, 583-595.	2.7	34
134	Extension of information axiom from ordinary to intuitionistic fuzzy sets: An application to search algorithm selection. Computers and Industrial Engineering, 2017, 105, 348-361.	6.5	34
135	An expert system towards solving ship auxiliary machinery troubleshooting: SHIPAMTSOLVER. Expert Systems With Applications, 2009, 36, 7219-7227.	7.9	33
136	Air Pollution Control Using Fuzzy Process Capability Indices in the Six-Sigma Approach. Human and Ecological Risk Assessment (HERA), 2009, 15, 689-713.	3.4	33
137	INVESTMENT ANALYSES USING FUZZY PROBABILITY CONCEPT / INVESTICIJÄ ² ANALIZÄ– TAIKANT TIKIMYBINÄ~ NEAPIBRÄ–Ä½TÄ ² JÄ ² AIBIÄ ² KONCEPCIJÄ,,. Technological and Economic Development of Economy, 2010, 16, 43-57.	4.6	33
138	Fuzzy controlled humanoid robots: A literature review. Robotics and Autonomous Systems, 2020, 134, 103643.	5.2	33
139	A PROMETHEE based outranking approach for the construction of Fangcang shelter hospital using spherical fuzzy sets. Artificial Intelligence in Medicine, 2023, 135, 102456.	6.7	33
140	Integrated outranking techniques based on spherical fuzzy information for the digitalization of transportation system. Applied Soft Computing Journal, 2023, 134, 109992.	7.4	33
141	Interval Type-2 Fuzzy Capital Budgeting. International Journal of Fuzzy Systems, 2015, 17, 635-646.	4.0	32
142	A SWOT-AHP Application Using Fuzzy Concept: E-Government in Turkey. Springer Optimization and Its Applications, 2008, , 85-117.	0.0	32
143	Fuzzy sets approaches to statistical parametric and nonparametric tests. International Journal of Intelligent Systems, 2004, 19, 1069-1087.	5.8	31
144	Teleworking adoption decisionâ€making processes. Journal of Enterprise Information Management, 2005, 18, 150-168.	7.7	31

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145	Applications of Fuzzy Sets in Industrial Engineering: A Topical Classification. Studies in Fuzziness and Soft Computing, 2006, , 1-55.	0.0	31
146	A TWO-PHASED FUZZY MULTICRITERIA SELECTION AMONG PUBLIC TRANSPORTATION INVESTMENTS FOR POLICY-MAKING AND RISK GOVERNANCE. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 31-48.	2.2	31
147	Multiattribute information technology project selection using fuzzy axiomatic design. Journal of Enterprise Information Management, 2005, 18, 275-288.	7.7	30
148	Single & interval-valued neutrosophic AHP methods: Performance analysis of outsourcing law firms. Journal of Intelligent and Fuzzy Systems, 2020, 38, 749-759.	1.6	29
149	Fuzzy multiattribute evaluation of R&D projects using a real options valuation model. International Journal of Intelligent Systems, 2008, 23, 1153-1176.	5.8	28
150	A new perspective on fuzzy process capability indices: Robustness. Expert Systems With Applications, 2010, 37, 4593-4600.	7.9	28
151	Fuzzy Analytic Hierarchy Process Using Type-2 Fuzzy Sets: An Application to Warehouse Location Selection. , 2013, , 285-308.		27
152	Dysphagia after radiotherapy: State of the art and prevention. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2015, 132, 25-29.	1.1	27
153	Usage of Metaheuristics in Engineering. , 2013, , 484-528.		27
154	Novel spherical fuzzy distance and similarity measures and their applications to medical diagnosis. Expert Systems With Applications, 2022, 191, 116330.	7.9	27
155	CODAS method using Z-fuzzy numbers. Journal of Intelligent and Fuzzy Systems, 2020, 38, 1649-1662.	1.6	26
156	Indicator design for passenger car using fuzzy axiomatic design principles. Expert Systems With Applications, 2010, 37, 6470-6481.	7.9	24
157	FUZZY MULTI-CRITERIA AND MULTI-EXPERTS EVALUATION OF GOVERNMENT INVESTMENTS IN HIGHER EDUCATION: THE CASE OF TURKEY. Technological and Economic Development of Economy, 2013, 19, 549-569.	4.6	24
158	FUZZY MULTICRITERIA EVALUATION OF HEALTH RESEARCH INVESTMENTS. Technological and Economic Development of Economy, 2014, 20, 210-226.	4.6	24
159	A Novel spherical fuzzy CRITIC method and its application to prioritization of supplier selection criteria. Journal of Intelligent and Fuzzy Systems, 2021, 42, 29-36.	1.6	24
160	Optimal Site Selection of Electric Vehicle Charging Station by Using Spherical Fuzzy TOPSIS Method. Studies in Fuzziness and Soft Computing, 2021, , 201-216.	0.0	24
161	Operational risk analysis in business processes using decomposed fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2022, 43, 2485-2502.	1.6	24
162	Spherical Fuzzy Linear Assignment Method for Multiple Criteria Group Decision-Making Problems. Informatica, 2020, , 707-722.	2.8	23

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163	Type-2 fuzzy process capability indices for non-normal processes. Journal of Intelligent and Fuzzy Systems, 2014, 27, 769-781.	1.6	22
164	Fuzzy multi-attribute cost-benefit analysis of e-services. International Journal of Intelligent Systems, 2007, 22, 547-565.	5.8	21
165	Process capability analysis using intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1659-1671.	1.6	21
166	Fuzzy Inference Systems for Disaster Response. Atlantis Computational Intelligence Systems, 2013, , 75-94.	0.0	20
167	VIKOR method using interval type two fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2015, 29, 411-421.	1.6	20
168	A general approach to fuzzy TOPSIS based on the concept of fuzzy multicriteria acceptability analysis. Journal of Intelligent and Fuzzy Systems, 2020, 38, 979-995.	1.6	20
169	MULTIATTRIBUTE WAREHOUSE LOCATION SELECTION IN HUMANITARIAN LOGISTICS USING HESITANT FUZZY AHP. International Journal of the Analytic Hierarchy Process, 2016, 8, .	0.5	20
170	AN INTEGRATED FUZZY AHP/DEA APPROACH FOR PERFORMANCE EVALUATION OF TERRITORIAL UNITS IN TURKEY. Technological and Economic Development of Economy, 2018, 24, 1280-1302.	4.6	20
171	Rough Pythagorean fuzzy approximations with neighborhood systems and information granulation. Expert Systems With Applications, 2023, 218, 119603.	7.9	20
172	FUZZY REAL OPTIONS VALUATION FOR OIL INVESTMENTS. Technological and Economic Development of Economy, 2009, 15, 646-669.	4.6	19
173	Structuring ship design project approval mechanism towards installation of operator-system interfaces via fuzzy axiomatic design principles. Information Sciences, 2010, 180, 886-895.	7.2	19
174	Renewable Energy System Selection Based On Computing with Words. International Journal of Computational Intelligence Systems, 2010, 3, 461-473.	2.7	19
175	Multiattribute Supplier Selection Using Fuzzy Analytic Hierarchy Process. International Journal of Computational Intelligence Systems, 2010, 3, 553-565.	2.7	19
176	Fuzzy process capability indices with asymmetric tolerances. Expert Systems With Applications, 2011, 38, 14882-14890.	7.9	19
177	Fuzzy resource-constrained project scheduling using taboo search algorithm. International Journal of Intelligent Systems, 2012, 27, 873-907.	5.8	19
178	Fuzzy multicriteria prioritization of Urban transformation projects for Istanbul. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2459-2474.	1.6	19
179	A Pythagorean cubic fuzzy methodology based on TOPSIS and TODIM methods and its application to software selection problem. Soft Computing, 2022, 26, 2437-2450.	3.8	19
180	Interval-Valued and Circular Intuitionistic Fuzzy Present Worth Analyses. Informatica, 2022, , 693-711.	2.8	19

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181	An Integrated Fuzzy Multi-Criteria Decision-Making Approach for Six Sigma Project. International Journal of Computational Intelligence Systems, 2010, 3, 610-621.	2.7	18
182	FUZZY ANALYTIC HIERARCHY PROCESS WITH TYPE-2 FUZZY SETS. World Scientific Proceedings Series on Computer Engineering and Information Science, 2012, , 201-206.	0.0	18
183	Interval-Valued Neutrosophic Extension of EDAS Method. Advances in Intelligent Systems and Computing, 2018, , 343-357.	0.0	18
184	Capital Budgeting Techniques Using Discounted Fuzzy Cash Flows. Studies in Fuzziness and Soft Computing, 2001, , 375-396.	0.0	18
185	MULTIATTRIBUTE EVALUATION OF ORGANIC AND INORGANIC AGRICULTURAL FOOD INVESTMENTS USING FUZZY TOPSIS. Technological and Economic Development of Economy, 2018, 24, 844-858.	4.6	18
186	A novel circular intuitionistic fuzzy AHP-VIKOR methodology: An application to a multi-expert supplier evaluation problem. Pamukkale University Journal of Engineering Sciences, 2022, 28, 194-207.	0.4	18
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