

Sezi Cevik Onar

List of Publications by Year in descending order

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129
papers

2,863
citations

304368

22
h-index

189595

50
g-index

142
all docs

142
docs citations

142
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy Multicriteria Decision-Making: A Literature Review. <i>International Journal of Computational Intelligence Systems</i> , 2015, 8, 637.	1.6	382
2	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.	0.4	220
3	Fuzzy multi-criteria evaluation of industrial robotic systems. <i>Computers and Industrial Engineering</i> , 2007, 52, 414-433.	3.4	174
4	Strategic Decision Selection Using Hesitant fuzzy TOPSIS and Interval Type-2 Fuzzy AHP: A case study. <i>International Journal of Computational Intelligence Systems</i> , 2014, 7, 1002.	1.6	144
5	Multi-criteria evaluation of alternative-fuel vehicles via a hierarchical hesitant fuzzy linguistic model. <i>Expert Systems With Applications</i> , 2015, 42, 2835-2848.	4.4	142
6	Multi-expert wind energy technology selection using interval-valued intuitionistic fuzzy sets. <i>Energy</i> , 2015, 90, 274-285.	4.5	139
7	Multi-expert performance evaluation of healthcare institutions using an integrated intuitionistic fuzzy AHP&DEA methodology. <i>Knowledge-Based Systems</i> , 2017, 133, 90-106.	4.0	135
8	A new hesitant fuzzy QFD approach: An application to computer workstation selection. <i>Applied Soft Computing Journal</i> , 2016, 46, 1-16.	4.1	125
9	Hierarchical fuzzy TOPSIS model for selection among logistics information technologies. <i>Journal of Enterprise Information Management</i> , 2007, 20, 143-168.	4.4	117
10	A fuzzy multi attribute decision framework with integration of QFD and grey relational analysis. <i>Expert Systems With Applications</i> , 2019, 115, 474-485.	4.4	117
11	A Comprehensive Literature Review of 50 Years of Fuzzy Set Theory. <i>International Journal of Computational Intelligence Systems</i> , 2016, 9, 3.	1.6	83
12	A novel trapezoidal intuitionistic fuzzy information axiom approach: An application to multicriteria landfill site selection. <i>Engineering Applications of Artificial Intelligence</i> , 2018, 67, 157-172.	4.3	73
13	Multi-criteria alternative-fuel technology selection using interval-valued intuitionistic fuzzy sets. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 53, 128-148.	3.2	70
14	Hesitant fuzzy analytic hierarchy process. , 2015, , .		60
15	Evaluation of research proposals for grant funding using interval-valued intuitionistic fuzzy sets. <i>Soft Computing</i> , 2017, 21, 1203-1218.	2.1	50
16	A Comparison of Wind Energy Investment Alternatives Using Interval-Valued Intuitionistic Fuzzy Benefit/Cost Analysis. <i>Sustainability</i> , 2016, 8, 118.	1.6	45
17	Hospital Location Selection Using Spherical Fuzzy TOPSIS. , 0, , .		43
18	B2C Marketplace Prioritization Using Hesitant Fuzzy Linguistic AHP. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 2202-2215.	2.3	39

#	ARTICLE	IF	CITATIONS
19	Engineering economic analyses using intuitionistic and hesitant fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1151-1168.	0.8	37
20	Selecting firms in University technoparks: A hesitant linguistic fuzzy TOPSIS model for heterogeneous contexts. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1155-1172.	0.8	34
21	Extension of information axiom from ordinary to intuitionistic fuzzy sets: An application to search algorithm selection. Computers and Industrial Engineering, 2017, 105, 348-361.	3.4	34
22	An Integrated Intuitionistic Fuzzy AHP and TOPSIS Approach to Evaluation of Outsource Manufacturers. Journal of Intelligent Systems, 2019, 29, 283-297.	1.2	34
23	Single & interval-valued neutrosophic AHP methods: Performance analysis of outsourcing law firms. Journal of Intelligent and Fuzzy Systems, 2020, 38, 749-759.	0.8	28
24	Pythagorean fuzzy engineering economic analysis of solar power plants. Soft Computing, 2018, 22, 5007-5020.	2.1	23
25	Fuzzy multi-attribute cost-benefit analysis of e-services. International Journal of Intelligent Systems, 2007, 22, 547-565.	3.3	21
26	Process capability analysis using intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1659-1671.	0.8	21
27	An analysis of supply chain related graduate programmes in Europe. Supply Chain Management, 2013, 18, 398-412.	3.7	20
28	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.	0.8	20
29	Risk Analysis of Wind Energy Investments in Turkey. Human and Ecological Risk Assessment (HERA), 2015, 21, 1230-1245.	1.7	19
30	Fuzzy multicriteria prioritization of Urban transformation projects for Istanbul. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2459-2474.	0.8	19
31	Waste disposal location selection by using pythagorean fuzzy REGIME method. Journal of Intelligent and Fuzzy Systems, 2021, 42, 401-410.	0.8	15
32	Water treatment technology selection using hesitant Pythagorean fuzzy hierarchical decision making. Journal of Intelligent and Fuzzy Systems, 2019, 37, 867-884.	0.8	14
33	Dynamic intuitionistic fuzzy multi-attribute aftersales performance evaluation. Complex & Intelligent Systems, 2017, 3, 197-204.	4.0	13
34	Present Worth Analysis Using Pythagorean Fuzzy Sets. Advances in Intelligent Systems and Computing, 2018, , 336-342.	0.5	13
35	Multi-criteria spherical fuzzy regret based evaluation of healthcare equipment stocks. Journal of Intelligent and Fuzzy Systems, 2020, 39, 5987-5997.	0.8	13
36	A dynamic pricing model for location based systems by using spherical fuzzy AHP scoring. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6293-6302.	0.8	13

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37	A MULTICRITERIA SUPPLIER SELECTION MODEL USING HESITANT FUZZY LINGUISTIC TERM SETS. , 2014, , .		12
38	An Integrated AHP & DEA Methodology with Neutrosophic Sets. Studies in Fuzziness and Soft Computing, 2019, , 623-645.	0.6	12
39	A novel single-valued spherical fuzzy AHP-WASPAS methodology. , 2020, , .		12
40	A new hesitant fuzzy KEMIRA approach: An application to adoption of autonomous vehicles. Journal of Intelligent and Fuzzy Systems, 2021, 42, 109-120.	0.8	11
41	Process Capability Analysis Using Interval Type-2 Fuzzy Sets. International Journal of Computational Intelligence Systems, 2017, 10, 721.	1.6	11
42	Modeling renewable energy usage with hesitant Fuzzy cognitive map. Complex & Intelligent Systems, 2017, 3, 155-166.	4.0	10
43	A Multi-Criteria Evaluation of Factors Affecting Internet Banking in Turkey. Lecture Notes in Economics and Mathematical Systems, 2010, , 235-246.	0.3	9
44	Evaluation of legal debt collection services by using Hesitant Pythagorean (Intuitionistic Type 2) fuzzy AHP. Journal of Intelligent and Fuzzy Systems, 2020, 38, 883-894.	0.8	9
45	Intuitionistic Fuzzy Multicriteria Evaluation of Outsource Manufacturers. IFAC-PapersOnLine, 2016, 49, 1844-1849.	0.5	8
46	Modelling Solar Energy Usage with Fuzzy Cognitive Maps. Intelligent Systems Reference Library, 2017, , 159-187.	1.0	8
47	Performance Measurement of Debt Collection Firms Using Spherical Fuzzy Aggregation Operators. Advances in Intelligent Systems and Computing, 2020, , 506-514.	0.5	8
48	Spherical Fuzzy REGIME Method Waste Disposal Location Selection. Lecture Notes in Networks and Systems, 2022, , 715-723.	0.5	8
49	Interval Valued Intuitionistic Fuzzy Investment Analysis: Application to CNC Lathe Selection. IFAC-PapersOnLine, 2016, 49, 1323-1328.	0.5	7
50	Call center performance measurement using intuitionistic fuzzy sets. Journal of Enterprise Information Management, 2020, 33, 1647-1668.	4.4	7
51	Extensions of Ordinary Fuzzy Sets: A Comparative Literature Review. Advances in Intelligent Systems and Computing, 2021, , 1655-1665.	0.5	7
52	INTUITIONISTIC FUZZY ORIGINATED TYPE-2 FUZZY AHP. International Journal of the Analytic Hierarchy Process, 2018, 10, .	0.2	7
53	User Segmentation Based on Twitter Data Using Fuzzy Clustering. Advances in Data Mining and Database Management Book Series, 2013, , 316-333.	0.4	7
54	Fuzzy Economic Analysis Methods for Environmental Economics. Intelligent Systems Reference Library, 2017, , 315-346.	1.0	6

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55	Prioritization of Business Analytics Projects Using Interval Type-2 Fuzzy AHP. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 106-117.	0.5	6
56	Multicriteria Scoring Methods Using Pythagorean Fuzzy Sets. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 328-335.	0.5	6
57	Modeling humanoid robots facial expressions using Pythagorean fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 6507-6515.	0.8	6
58	Performance Comparisons of Law Offices and Optimum Allocation of Debt Files Using Z-Fuzzy AHP. , 0, , .		6
59	Analysis of Solar Energy Generation Capacity Using Hesitant Fuzzy Cognitive Maps. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 1149.	1.6	6
60	A FUZZY RULE BASED INFERENCE SYSTEM FOR EARLY DEBT COLLECTION. <i>Technological and Economic Development of Economy</i> , 2018, 24, 1845-1865.	2.3	6
61	Wind Energy Investment Analyses Based on Fuzzy Sets. <i>Studies in Systems, Decision and Control</i> , 2018, , 141-166.	0.8	5
62	Interval-Valued Intuitionistic Fuzzy Confidence Intervals. <i>Journal of Intelligent Systems</i> , 2019, 28, 307-319.	1.2	5
63	Social open innovation platform design for science teaching by using pythagorean fuzzy analytic hierarchy process. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 809-819.	0.8	5
64	Spherical Fuzzy Cost/Benefit Analysis of Wind Energy Investments. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 134-141.	0.5	5
65	Present Worth Analysis Using Hesitant Fuzzy Sets. , 0, , .		5
66	Warehouse Location Design Using AS/RS Technologies: An Interval Valued Intuitionistic Fuzzy AHP Approach. <i>Studies in Systems, Decision and Control</i> , 2020, , 379-397.	0.8	5
67	Evaluating purchasing decisions via benefits of socially responsible purchasing. <i>International Journal of Applied Management Science</i> , 2012, 4, 407.	0.1	4
68	Fuzzy Decision Making: Its Pioneers and Supportive Environment. <i>Studies in Fuzziness and Soft Computing</i> , 2016, , 21-58.	0.6	4
69	A Literature Survey on Metaheuristics in Production Systems. <i>Operations Research/ Computer Science Interfaces Series</i> , 2016, , 1-24.	0.3	4
70	Spherical Fuzzy CRITIC Method: Prioritizing Supplier Selection Criteria. <i>Lecture Notes in Networks and Systems</i> , 2022, , 705-714.	0.5	4
71	Annual cash flow analysis using hesitant fuzzy sets. , 2015, , .		3
72	Overcoming Path Dependency and "Lock-In" In Competence Building and Competence Leveraging Processes. <i>Research in Competence-Based Management</i> , 2017, , 25-44.	0.4	3

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73	A Fuzzy Pricing Model for Mobile Advertisements by Using Spherical Fuzzy AHP Scoring. Advances in Intelligent Systems and Computing, 2021, , 142-150.	0.5	3
74	Integrated Call Center Performance Measurement Using Hierarchical Intuitionistic Fuzzy Axiomatic Design. Advances in Intelligent Systems and Computing, 2018, , 94-105.	0.5	3
75	The factors affecting the relationship between strategic options and the competence building process: an empirical examination. Research in Competence-Based Management, 2010, , 59-77.	0.4	2
76	A Comprehensive Survey on Healthcare Management. Profiles in Operations Research, 2018, , 23-51.	0.3	2
77	Customer Segmentation Method Determination Using Neutrosophic Sets. Advances in Intelligent Systems and Computing, 2020, , 517-526.	0.5	2
78	Estimating shopping center visitor numbers based on a new hybrid fuzzy prediction method. Journal of Intelligent and Fuzzy Systems, 2021, , 1-14.	0.8	2
79	AFTERSALES SERVICE PERFORMANCE MEASUREMENT USING DYNAMIC INTUITIONISTIC FUZZY MULTI-ATTRIBUTE DECISION MAKING. , 2016, , .		2
80	Type-2 intuitionistic fuzzy (IFS2) WASPAS. , 2018, , .		2
81	Prioritization of the requirements for collaborative feedback platform for course contents using Pythagorean fuzzy sets. , 2018, , .		2
82	Selection among innovative project proposals using a hesitant fuzzy multiple criteria decision making method. Pressacademia, 2017, 4, 192-200.	0.2	2
83	Neutrosophic AHP and prioritization of legal service outsourcing firms/law offices. , 2018, , .		2
84	Energy Management Maturity Model Based on Fuzzy Logic. Advances in Intelligent Systems and Computing, 2020, , 1034-1041.	0.5	2
85	Score and accuracy functions for different types of spherical fuzzy sets. , 2020, , .		2
86	Indoor location tracking technology evaluation by using spherical fuzzy TOPSIS method. , 2020, , .		2
87	Electric Vehicle Selection by Using Fuzzy SMART. Lecture Notes in Networks and Systems, 2022, , 200-207.	0.5	2
88	PRIORITIZATION OF URBAN TRANSFORMATION PROJECTS IN ISTANBUL USING MULTIATTRIBUTE HESITANT FUZZY LINGUISTIC TERM SETS. , 2014, , .		1
89	Innovation Strategy Evaluation Process Using Fuzzy Cognitive Mapping. Intelligent Systems Reference Library, 2015, , 107-128.	1.0	1
90	Fuzzy Forecasting Methods for Energy Planning. Studies in Systems, Decision and Control, 2018, , 65-81.	0.8	1

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91	Fuzzy Sets Applications in Complex Energy Systems: A Literature Review. Studies in Systems, Decision and Control, 2018, , 15-37.	0.8	1
92	Fuzzy Collective Intelligence for Performance Measurement in Energy Systems. Studies in Systems, Decision and Control, 2018, , 497-517.	0.8	1
93	Double Hierarchy Hesitant Fuzzy Linguistic Term Based MULTIMOORA Model for Solar Energy Investment Decision. Advances in Intelligent Systems and Computing, 2020, , 1025-1033.	0.5	1
94	Modeling Humanoid Robots Using Fuzzy Set Extensions. Studies in Systems, Decision and Control, 2021, , 99-119.	0.8	1
95	Innovative Teaching Feedback System Design Using Hesitant Fuzzy AHP Approach. Advances in Intelligent Systems and Computing, 2020, , 1006-1013.	0.5	1
96	Evaluating Strategic Entry Decisions Using Spherical Fuzzy Sets. Advances in Intelligent Systems and Computing, 2021, , 127-133.	0.5	1
97	Solar energy project selection by using hesitant Pythagorean fuzzy TOPSIS. , 2018, , .		1
98	EARLY COLLECTION SYSTEM DESIGN USING FUZZY RULE BASED INFERENCE. , 2014, , .		1
99	MODELING THE SUPPLY CHAIN: A FUZZY LINEAR OPTIMIZATION APPROACH. , 2006, , .		1
100	Defining the Factors that Effect User Interest on Social Network News Feeds via Fuzzy Association Rule Mining. Advances in Data Mining and Database Management Book Series, 2013, , 334-345.	0.4	1
101	MODELLING RENEWABLE ENERGY USAGE WITH HESITANT FUZZY COGNITIVE MAP. , 2016, , .		1
102	Impact of Entrepreneurial Support on Scientific Publications and Patent Applications. Recent Patents on Engineering, 2017, 11, .	0.3	1
103	Fuzzy Sets Based Performance Evaluation of Alternative Wind Energy Systems. Studies in Systems, Decision and Control, 2018, , 427-446.	0.8	1
104	Outlier Detection in Location Based Systems By Using Fuzzy Clustering. , 0, , .		1
105	Evaluation of Entrepreneurial Support Projects by Using IFS Type-2 Fuzzy Sets. Advances in Intelligent Systems and Computing, 2020, , 953-958.	0.5	1
106	Weighting Performance Indicators of Debt Collection Offices by Using Hesitant Fuzzy AHP. Advances in Intelligent Systems and Computing, 2020, , 1017-1024.	0.5	1
107	Engineering economic analysis of solar energy investments using spherical fuzzy sets. , 2020, , .		1
108	A literature review on the extensions of intuitionistic fuzzy sets. , 2020, , .		1

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109	q-spherical fuzzy sets and their usage in multi-attribute decision making. , 2020, , .		1
110	Selection of learning analytics projects by using spherical fuzzy TOPSIS. , 2020, , .		1
111	Spherical Fuzzy EXPROM Method: Wastewater Treatment Technology Selection Application. Lecture Notes in Networks and Systems, 2022, , 789-801.	0.5	1
112	Cloud Service Provider Selection Using Interval-Valued Picture Fuzzy TOPSIS. Lecture Notes in Networks and Systems, 2022, , 498-507.	0.5	1
113	PHOTOVOLTAICS TYPE SELECTION USING A PROJECTION MODEL-BASED APPROACH TO INTUITIONISTIC FUZZY MULTICRITERIA DECISION MAKING. , 2016, , .		0
114	Operational Planning in Energy Systems: A Literature Review. Studies in Systems, Decision and Control, 2018, , 335-356.	0.8	0
115	Fuzzy production systems: A state of the art literature review. Journal of Intelligent and Fuzzy Systems, 2020, 38, 1071-1081.	0.8	0
116	LEARNING CAPABILITIES AND THEIR EFFECT ON ORGANIZATIONAL CAPABILITIES: AN EMPIRICAL APPROACH. World Scientific Proceedings Series on Computer Engineering and Information Science, 2012, , 1196-1201.	0.1	0
117	Record linkage using fuzzy sets for detecting suspicious financial ransactions. , 0, , .		0
118	PERFORMANCE MEASUREMENT OF PROCESS BASED ENTERPRISE APPLICATIONS USING INCOMPLETE INTERVAL-VALUED INTUITIONISTIC PREFERENCE RELATIONS: THE CASE OF CALL CENTERS. , 2016, , .		0
119	Innovative solar energy technology selection using intiutionistic fuzzy sets. Pressacademia, 2017, 5, 341-349.	0.2	0
120	Dynamic Intuitionistic Fuzzy Evaluation of Entrepreneurial Support in Countries. Advances in Intelligent Systems and Computing, 2018, , 38-47.	0.5	0
121	Selection Among Solar Power Plants Using Fuzzy Economics. Advances in Intelligent Systems and Computing, 2018, , 487-496.	0.5	0
122	Weighting performance indicators of law offices by using interval valued intuitionistic fuzzy AHP. , 2018, , .		0
123	Multi-criteria evaluation of law firms by using dynamic intuitionistic fuzzy sets. , 2018, , .		0
124	Solar Radiation Prediction Based on Machine Learning for Istanbul in Turkey. Advances in Intelligent Systems and Computing, 2020, , 197-204.	0.5	0
125	Modeling Humanoid Robots Mimics Using Intuitionistic Fuzzy Sets. Advances in Intelligent Systems and Computing, 2021, , 339-346.	0.5	0
126	Solar Energy Power Plant Investment Selection with Unbalanced Hesitant Fuzzy Linguistic MULTIMOORA Method Based Score-HeDLiSF. Advances in Intelligent Systems and Computing, 2021, , 274-281.	0.5	0

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127	Industry 4.0 project prioritization by using spherical fuzzy analytic hierarchy process. , 2020, , .		0
128	A Decision Support System Proposition for Type-2 Diabetes Mellitus Treatment Using Spherical Fuzzy AHP Method. Lecture Notes in Networks and Systems, 2022, , 749-756.	0.5	0
129	Predicting Performance of Legal Debt Collection Agency. Lecture Notes in Networks and Systems, 2022, , 514-522.	0.5	0