Sezi Cevik Onar

List of Publications by Year
in descending order

129 papers	2,863 citations	22 h-index	50 g-index
142 all docs	142 docs citations	142 times ranked	1935 citing authors

304368

189595

#	Article	IF	Citations
1	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
2	Spherical Fuzzy CRITIC Method: Prioritizing Supplier Selection Criteria. Lecture Notes in Networks and Systems, 2022, , 705-714.	0.5	4
3	Spherical Fuzzy EXPROM Method: Wastewater Treatment Technology Selection Application. Lecture Notes in Networks and Systems, 2022, , 789-801.	0.5	1
4	Predicting Performance of Legal Debt Collection Agency. Lecture Notes in Networks and Systems, 2022, , 514-522.	0.5	0
5	Spherical Fuzzy REGIME Method Waste Disposal Location Selection. Lecture Notes in Networks and Systems, 2022, , 715-723.	0.5	8
6	Electric Vehicle Selection by Using Fuzzy SMART. Lecture Notes in Networks and Systems, 2022, , 200-207.	0.5	2
7	Cloud Service Provider Selection Using Interval-Valued Picture Fuzzy TOPSIS. Lecture Notes in Networks and Systems, 2022, , 498-507.	0.5	1
8	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
9	Waste disposal location selection by using pythagorean fuzzy REGIME method. Journal of Intelligent and Fuzzy Systems, 2021, 42, 401-410.	0.8	15
10	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
11	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
12	Modeling Humanoid Robots Using Fuzzy Set Extensions. Studies in Systems, Decision and Control, 2021, , 99-119.	0.8	1
13	Evaluating Strategic Entry Decisions Using Spherical Fuzzy Sets. Advances in Intelligent Systems and Computing, 2021, , 127-133.	0.5	1
14	Spherical Fuzzy Cost/Benefit Analysis of Wind Energy Investments. Advances in Intelligent Systems and Computing, 2021, , 134-141.	0.5	5
15	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
16	Extensions of Ordinary Fuzzy Sets: A Comparative Literature Review. Advances in Intelligent Systems and Computing, 2021, , 1655-1665.	0.5	7
17	Modeling Humanoid Robots Mimics Using Intuitionistic Fuzzy Sets. Advances in Intelligent Systems and Computing, 2021, , 339-346.	0.5	0
18	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

#	Article	IF	Citations
19	Social open innovation platform design for science teaching by using pythagorean fuzzy analytic hierarchy process. Journal of Intelligent and Fuzzy Systems, 2020, 38, 809-819.	0.8	5
20	Customer Segmentation Method Determination Using Neutrosophic Sets. Advances in Intelligent Systems and Computing, 2020, , 517-526.	0.5	2
21	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
22	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
23	Fuzzy production systems: A state of the art literature review. Journal of Intelligent and Fuzzy Systems, 2020, 38, 1071-1081.	0.8	0
24	A novel single-valued spherical fuzzy AHP-WASPAS methodology. , 2020, , .		12
25	Call center performance measurement using intuitionistic fuzzy sets. Journal of Enterprise Information Management, 2020, 33, 1647-1668.	4.4	7
26	Multi-criteria spherical fuzzy regret based evaluation of healthcare equipment stocks. Journal of Intelligent and Fuzzy Systems, 2020, 39, 5987-5997.	0.8	13
27	Modeling humanoid robots facial expressions using Pythagorean fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6507-6515.	0.8	6
28	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
29	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
30	Innovative Teaching Feedback System Design Using Hesitant Fuzzy AHP Approach. Advances in Intelligent Systems and Computing, 2020, , 1006-1013.	0.5	1
31	Performance Measurement of Debt Collection Firms Using Spherical Fuzzy Aggregation Operators. Advances in Intelligent Systems and Computing, 2020, , 506-514.	0.5	8
32	Evaluation of Entrepreneurial Support Projects by Using IFS Type-2 Fuzzy Sets. Advances in Intelligent Systems and Computing, 2020, , 953-958.	0.5	1
33	Solar Radiation Prediction Based on Machine Learning for Istanbul in Turkey. Advances in Intelligent Systems and Computing, 2020, , 197-204.	0.5	0
34	Energy Management Maturity Model Based on Fuzzy Logic. Advances in Intelligent Systems and Computing, 2020, , 1034-1041.	0.5	2
35	Weighting Performance Indicators of Debt Collection Offices by Using Hesitant Fuzzy AHP. Advances in Intelligent Systems and Computing, 2020, , 1017-1024.	0.5	1
36	Industry 4.0 project prioritization by using spherical fuzzy analytic hierarchy process. , 2020, , .		0

#	Article	IF	Citations
37	Score and accuracy functions for different types of spherical fuzzy sets. , 2020, , .		2
38	Engineering economic analysis of solar energy investments using spherical fuzzy sets. , 2020, , .		1
39	A literature review on the extensions of intuitionistic fuzzy sets. , 2020, , .		1
40	q-spherical fuzzy sets and their usage in multi-attribute decision making. , 2020, , .		1
41	Indoor location tracking technology evaluation by using spherial fuzzy TOPSIS method. , 2020, , .		2
42	Selection of learning analytics projects by using spherical fuzzy TOPSIS. , 2020, , .		1
43	Warehouse Location Design Using AS/RS Technologies: An Interval Valued Intuitionistic Fuzzy AHP Approach. Studies in Systems, Decision and Control, 2020, , 379-397.	0.8	5
44	An Integrated Intuitionistic Fuzzy AHP and TOPSIS Approach to Evaluation of Outsource Manufacturers. Journal of Intelligent Systems, 2019, 29, 283-297.	1.2	34
45	A fuzzy multi attribute decision framework with integration of QFD and grey relational analysis. Expert Systems With Applications, 2019, 115, 474-485.	4.4	117
46	Water treatment technology selection using hesitant Pythagorean fuzzy hierachical decision making. Journal of Intelligent and Fuzzy Systems, 2019, 37, 867-884.	0.8	14
47	An Integrated AHP & DEA Methodology with Neutrosophic Sets. Studies in Fuzziness and Soft Computing, 2019, , 623-645.	0.6	12
48	Interval-Valued Intuitionistic Fuzzy Confidence Intervals. Journal of Intelligent Systems, 2019, 28, 307-319.	1.2	5
49	Fuzzy Forecasting Methods for Energy Planning. Studies in Systems, Decision and Control, 2018, , 65-81.	0.8	1
50	Fuzzy Sets Applications in Complex Energy Systems: A Literature Review. Studies in Systems, Decision and Control, 2018, , 15-37.	0.8	1
51	Fuzzy Collective Intelligence for Performance Measurement in Energy Systems. Studies in Systems, Decision and Control, 2018, , 497-517.	0.8	1
52	Operational Planning in Energy Systems: A Literature Review. Studies in Systems, Decision and Control, 2018, , 335-356.	0.8	0
53	Wind Energy Investment Analyses Based on Fuzzy Sets. Studies in Systems, Decision and Control, 2018, , 141-166.	0.8	5
54	A novel trapezoidal intuitionistic fuzzy information axiom approach: An application to multicriteria landfill site selection. Engineering Applications of Artificial Intelligence, 2018, 67, 157-172.	4.3	73

#	Article	IF	Citations
55	Prioritization of Business Analytics Projects Using Interval Type-2 Fuzzy AHP. Advances in Intelligent Systems and Computing, 2018, , 106-117.	0.5	6
56	Multicriteria Scoring Methods Using Pythagorean Fuzzy Sets. Advances in Intelligent Systems and Computing, 2018, , 328-335.	0.5	6
57	Present Worth Analysis Using Pythagorean Fuzzy Sets. Advances in Intelligent Systems and Computing, 2018, , 336-342.	0.5	13
58	A Comprehensive Survey on Healthcare Management. Profiles in Operations Research, 2018, , 23-51.	0.3	2
59	B2C Marketplace Prioritization Using Hesitant Fuzzy Linguistic AHP. International Journal of Fuzzy Systems, 2018, 20, 2202-2215.	2.3	39
60	Pythagorean fuzzy engineering economic analysis of solar power plants. Soft Computing, 2018, 22, 5007-5020.	2.1	23
61	Integrated Call Center Performance Measurement Using Hierarchical Intuitionistic Fuzzy Axiomatic Design. Advances in Intelligent Systems and Computing, 2018, , 94-105.	0.5	3
62	Type-2 intuitionistic fuzzy (IFS2) WASPAS. , 2018, , .		2
63	Prioritization of the requirements for collaborative feedback platform for course contents using Pythagorean fuzzy sets. , 2018, , .		2
64	Solar energy project selection by using hesitant Pythagorean fuzzy TOPSIS. , 2018, , .		1
65	INTUITIONISTIC FUZZY ORIGINATED TYPE-2 FUZZY AHP. International Journal of the Analytic Hierarchy Process, 2018, 10, .	0.2	7
66	A FUZZY RULE BASED INFERENCE SYSTEM FOR EARLY DEBT COLLECTION. Technological and Economic Development of Economy, 2018, 24, 1845-1865.	2.3	6
67	Dynamic Intuitionistic Fuzzy Evaluation of Entrepreneurial Support in Countries. Advances in Intelligent Systems and Computing, 2018, , 38-47.	0.5	0
68	Selection Among Solar Power Plants Using Fuzzy Economics. Advances in Intelligent Systems and Computing, 2018, , 487-496.	0.5	0
69	Fuzzy Sets Based Performance Evaluation of Alternative Wind Energy Systems. Studies in Systems, Decision and Control, 2018, , 427-446.	0.8	1
70	Weighting performance indicators of law offices by using interval valued intuitionistic fuzzy AHP. , 2018, , .		0
71	Multi-criteria evaluation of law firms by using dynamic intuitionistic fuzzy sets. , 2018, , .		0
72	Neutrosophic AHP and prioritization of legal service outsourcing firms/law offices. , 2018, , .		2

#	Article	IF	Citations
73	Evaluation of research proposals for grant funding using interval-valued intuitionistic fuzzy sets. Soft Computing, 2017, 21, 1203-1218.	2.1	50
74	Process capability analysis usingÂintuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1659-1671.	0.8	21
75	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
76	Multi-criteria alternative-fuel technology selection using interval-valued intuitionistic fuzzy sets. Transportation Research, Part D: Transport and Environment, 2017, 53, 128-148.	3.2	70
77	Multi-expert performance evaluation of healthcare institutions using an integrated intuitionistic fuzzy AHP&DEA methodology. Knowledge-Based Systems, 2017, 133, 90-106.	4.0	135
78	INTUITIONISTIC FUZZY EDAS METHOD: AN APPLICATION TO SOLID WASTE DISPOSAL SITE SELECTION. Journal of Environmental Engineering and Landscape Management, 2017, 25, 1-12.	0.4	220
79	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
80	Modeling renewable energy usage with hesitant Fuzzy cognitive map. Complex & Intelligent Systems, 2017, 3, 155-166.	4.0	10
81	Dynamic intuitionistic fuzzy multi-attribute aftersales performance evaluation. Complex & Intelligent Systems, 2017, 3, 197-204.	4.0	13
82	Fuzzy Economic Analysis Methods for Environmental Economics. Intelligent Systems Reference Library, 2017, , 315-346.	1.0	6
83	Modelling Solar Energy Usage with Fuzzy Cognitive Maps. Intelligent Systems Reference Library, 2017, , 159-187.	1.0	8
84	Overcoming Path Dependency and â€œLock-Inâ€ In Competence Building and Competence Leveraging Processes. Research in Competence-Based Management, 2017, , 25-44.	0.4	3
85	Process Capability Analysis Using Interval Type-2 Fuzzy Sets. International Journal of Computational Intelligence Systems, 2017, 10, 721.	1.6	11
86	Analysis of Solar Energy Generation Capacity Using Hesitant Fuzzy Cognitive Maps. International Journal of Computational Intelligence Systems, 2017, 10, 1149.	1.6	6
87	Innovative solar energy technology selection using intitionistic fuzzy sets. Pressacademia, 2017, 5, 341-349.	0.2	0
88	Selection among innovative project proposals using a hesitant fuzzy multiple criteria decision making method. Pressacademia, 2017, 4, 192-200.	0.2	2
89	Impact of Entrepreneurial Support on Scientific Publications and Patent Applications. Recent Patents on Engineering, 2017, 11, .	0.3	1
90	A Comparison of Wind Energy Investment Alternatives Using Interval-Valued Intuitionistic Fuzzy Benefit/Cost Analysis. Sustainability, 2016, 8, 118.	1.6	45

#	Article	IF	Citations
91	Fuzzy multicriteria prioritization of Urban transformation projects for Istanbul. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2459-2474.	0.8	19
92	PHOTOVOLTAICS TYPE SELECTION USING A PROJECTION MODEL-BASED APPROACH TO INTUITIONISTIC FUZZY MULTICRITERIA DECISION MAKING. , 2016, , .		0
93	Fuzzy Decision Making: Its Pioneers and Supportive Environment. Studies in Fuzziness and Soft Computing, 2016, , 21-58.	0.6	4
94	A Comprehensive Literature Review of 50 Years of Fuzzy Set Theory. International Journal of Computational Intelligence Systems, 2016, 9, 3.	1.6	83
95	A new hesitant fuzzy QFD approach: An application to computer workstation selection. Applied Soft Computing Journal, 2016, 46, 1-16.	4.1	125
96	Interval Valued Intuitionistic Fuzzy Investment Analysis: Application to CNC Lathe Selection. IFAC-PapersOnLine, 2016, 49, 1323-1328.	0.5	7
97	Intuitionistic Fuzzy Multicriteria Evaluation of Outsource Manufacturers. IFAC-PapersOnLine, 2016, 49, 1844-1849.	0.5	8
98	A Literature Survey on Metaheuristics in Production Systems. Operations Research/ Computer Science Interfaces Series, 2016, , 1-24.	0.3	4
99	AFTERSALES SERVICE PERFORMANCE MEASUREMENT USING DYNAMIC INTUITIONISTIC FUZZY MULTI-ATTRIBUTE DECISION MAKING. , 2016, , .		2
100	MODELLING RENEWABLE ENERGY USAGE WITH HESITANT FUZZY COGNITIVE MAP. , 2016, , .		1
101	PERFORMANCE MEASUREMENT OF PROCESS BASED ENTERPRISE APPLICATIONS USING INCOMPLETE INTERVAL-VALUED INTUITIONISTIC PREFERENCE RELATIONS: THE CASE OF CALL CENTERS. , 2016, , .		0
102	Engineering economic analyses using intuitionistic and hesitant fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1151-1168.	0.8	37
103	Annual cash flow analysis using hesitant fuzzy sets. , 2015, , .		3
104	Hesitant fuzzy analytic hierarchy process. , 2015, , .		60
105	Risk Analysis of Wind Energy Investments in Turkey. Human and Ecological Risk Assessment (HERA), 2015, 21, 1230-1245.	1.7	19
106	Fuzzy Multicriteria Decision-Making: A Literature Review. International Journal of Computational Intelligence Systems, 2015, 8, 637.	1.6	382
107	Multi-expert wind energy technology selection using interval-valued intuitionistic fuzzy sets. Energy, 2015, 90, 274-285.	4.5	139
108	Innovation Strategy Evaluation Process Using Fuzzy Cognitive Mapping. Intelligent Systems Reference Library, 2015, , 107-128.	1.0	1

#	Article	IF	Citations
109	Multi-criteria evaluation of alternative-fuel vehicles via a hierarchical hesitant fuzzy linguistic model. Expert Systems With Applications, 2015, 42, 2835-2848.	4.4	142
110	A MULTICRITERIA SUPPLIER SELECTION MODEL USING HESITANT FUZZY LINGUISTIC TERM SETS. , 2014, , .		12
111	PRIORITIZATION OF URBAN TRANSFORMATION PROJECTS IN ISTANBUL USING MULTIATTRIBUTE HESITANT FUZZY LINGUISTIC TERM SETS. , 2014, , .		1
112	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.	1.6	144
113	EARLY COLLECTION SYSTEM DESIGN USING FUZZY RULE BASED INFERENCE. , 2014, , .		1
114	An analysis of supply chain related graduate programmes in Europe. Supply Chain Management, 2013, 18, 398-412.	3.7	20
115	User Segmentation Based on Twitter Data Using Fuzzy Clustering. Advances in Data Mining and Database Management Book Series, 2013, , 316-333.	0.4	7
116	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
117	Evaluating purchasing decisions via benefits of socially responsible purchasing. International Journal of Applied Management Science, 2012, 4, 407.	0.1	4
118	LEARNING CAPABILITIES AND THEIR EFFECT ON ORGANIZATIONAL CAPABILITIES: AN EMPIRICAL APPROACH. World Scientific Proceedings Series on Computer Engingeering and Information Science, 2012, , 1196-1201.	0.1	0
119	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
120	A Multi-Criteria Evaluation of Factors Affecting Internet Banking in Turkey. Lecture Notes in Economics and Mathematical Systems, 2010, , 235-246.	0.3	9
121	Hierarchical fuzzy TOPSIS model for selection among logistics information technologies. Journal of Enterprise Information Management, 2007, 20, 143-168.	4.4	117
122	Fuzzy multi-attribute costâ€"benefit analysis of e-services. International Journal of Intelligent Systems, 2007, 22, 547-565.	3.3	21
123	Fuzzy multi-criteria evaluation of industrial robotic systems. Computers and Industrial Engineering, 2007, 52, 414-433.	3.4	174
124	MODELING THE SUPPLY CHAIN: A FUZZY LINEAR OPTIMIZATION APPROACH. , 2006, , .		1
125	Hospital Location Selection Using Spherical Fuzzy TOPSIS. , 0, , .		43
126	Performance Comparisons of Law Offices and Optimum Allocation of Debt Files Using Z-Fuzzy AHP. , 0, , .		6

#	Article	IF	Citations
127	Present Worth Analysis Using Hesitant Fuzzy Sets. , 0, , .		5
128	Record linkage using fuzzy sets for detecting suspicious financial ransactions. , 0, , .		0
129	Outlier Detection in Location Based Systems By Using Fuzzy Clustering. , 0, , .		1