Irem Otay

List of Publications by Year
in descending order

33 papers	639 citations	1040056 9 h-index	610901 24 g-index
36 all docs	36 docs citations	36 times ranked	631 citing authors

#	Article	IF	Citations
1	Extension of VIKOR Method Using Circular Intuitionistic Fuzzy Sets. Lecture Notes in Networks and Systems, 2022, , 48-57.	0.7	10
2	Extensions of Ordinary Fuzzy Sets: A Comparative Literature Review. Advances in Intelligent Systems and Computing, 2021, , 1655-1665.	0.6	7
3	Multi-criteria Cloud Computing Service Provider Selection Employing Pythagorean Fuzzy AHP and VIKOR. Advances in Intelligent Systems and Computing, 2021, , 423-431.	0.6	3
4	Multi-criteria Oil Station Location Evaluation Using Spherical AHP&WASPAS: A Real-Life Case Study. Advances in Intelligent Systems and Computing, 2021, , 591-598.	0.6	8
5	Modeling Humanoid Robots Mimics Using Intuitionistic Fuzzy Sets. Advances in Intelligent Systems and Computing, 2021, , 339-346.	0.6	0
6	Multi-expert disaster risk management & response capabilities assessment using interval-valued intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2020, 38, 835-852.	1.4	9
7	A novel single-valued spherical fuzzy AHP-WASPAS methodology. , 2020, , .		12
8	A novel pythagorean fuzzy AHP and TOPSIS method for the wind power farm location selection problem. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6193-6204.	1.4	10
9	Industry 4.0 project prioritization by using spherical fuzzy analytic hierarchy process. , 2020, , .		0
10	Score and accuracy functions for different types of spherical fuzzy sets. , 2020, , .		2
11	Engineering economic analysis of solar energy investments using spherical fuzzy sets. , 2020, , .		1
12	A literature review on the extensions of intuitionistic fuzzy sets. , 2020, , .		1
13	q-spherical fuzzy sets and their usage in multi-attribute decision making. , 2020, , .		1
14	Indoor location tracking technology evaluation by using spherial fuzzy TOPSIS method. , 2020, , .		2
15	Selection of learning analytics projects by using spherical fuzzy TOPSIS. , 2020, , .		1
16	A State-of-the-Art Review of Neutrosophic Sets and Theory. Studies in Fuzziness and Soft Computing, 2019, , 3-24.	0.8	3
17	An Integrated AHP & DEA Methodology with Neutrosophic Sets. Studies in Fuzziness and Soft Computing, 2019, , 623-645.	0.8	12
18	Analytic Network Process with Neutrosophic Sets. Studies in Fuzziness and Soft Computing, 2019, , 525-542.	0.8	2

#	Article	IF	Citations
19	Six Sigma Project Selection Using Interval Neutrosophic TOPSIS. Advances in Intelligent Systems and Computing, 2018, , 83-93.	0.6	4
20	An integrated fuzzy approach for classifying slow-moving items. Journal of Enterprise Information Management, 2018, 31, 595-611.	7.5	8
21	SOLAR PV POWER PLANT LOCATION SELECTION USING A Z- FUZZY NUMBER BASED AHP. International Journal of the Analytic Hierarchy Process, 2018, 10, .	0.5	18
22	Multi-expert performance evaluation of healthcare institutions using an integrated intuitionistic fuzzy AHP&DEA methodology. Knowledge-Based Systems, 2017, 133, 90-106.	7.1	135
23	Hospital Site Selection via Hesitant Fuzzy TOPSIS. IFAC-PapersOnLine, 2016, 49, 1140-1145.	0.9	77
24	Fuzzy Extensions of Confidence Intervals: Estimation for $\hat{\mu}$, $\ddot{I}f2$, and p. Studies in Fuzziness and Soft Computing, 2016, , 129-154.	0.8	1
25	Fuzzy Sets in Earth and Space Sciences. Studies in Fuzziness and Soft Computing, 2016, , 161-174.	0.8	2
26	A two-stage fuzzy approach for supplier evaluation and order allocation problem with quantity discounts and lead time. Information Sciences, 2016, 339, 143-157.	6.9	74
27	Multi-Criteria and Multi-Stage Facility Location Selection under Interval Type-2 Fuzzy Environment: A Case Study for a Cement Factory. International Journal of Computational Intelligence Systems, 2015, 8, 330.	2.7	57
28	A fuzzy multi-objective model for solving project network problem with bonus and incremental penalty cost. Computers and Industrial Engineering, 2015, 82, 143-150.	6.3	12
29	Multi-expert wind energy technology selection using interval-valued intuitionistic fuzzy sets. Energy, 2015, 90, 274-285.	8.8	139
30	A Review on Intelligent Systems in Research and Development. Intelligent Systems Reference Library, 2015, , 79-106.	1.2	2
31	A fuzzy integrated approach for project selection. Journal of Enterprise Information Management, 2014, 27, 247-260.	7.5	11
32	AN INTEGRATED MULTI-CRITERIA DECISION MAKING METHODOLOGY FOR FACILITY LOCATION SELECTION PROBLEM UNDER FUZZY ENVIRONMENT: APPLICATION IN CEMENT SECTOR. World Scientific Proceedings Series on Computer Engingeering and Information Science, 2012, , 279-284.	0.1	0
33	Sezgisel bulanÄ±k Ã§ok uzmanlÄ± & Ã§ok Ã¶lÃ§Ã¼tlÃ¼ karar verme metodolojisi: saÄŸlÄ±k sektÃ¶rÃ¼nde bir uygulama. Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	0.8	1