Umut Asan

List of Publications by Year
in descending order

37 papers	510 citations	1040056 9 h-index	677142 22 g-index
42 all docs	42 docs citations	42 times ranked	530 citing authors

#	Article	IF	Citations
1	Risk prioritization in Failure Mode and Effects Analysis using interval type-2 fuzzy sets. Expert Systems With Applications, 2015, 42, 4000-4015.	7.6	87
2	A new approach to DEMATEL based on interval-valued hesitant fuzzy sets. Applied Soft Computing Journal, 2018, 66, 34-49.	7.2	83
3	Use of HFACSâ€"FCM in fire prevention modelling on board ships. Safety Science, 2015, 77, 25-41.	4.9	70
4	A fuzzy approach to qualitative cross impact analysis. Omega, 2004, 32, 443-458.	5.9	64
5	An integrated method for designing modular products. Journal of Manufacturing Technology Management, 2004, 15, 29-49.	6.4	43
6	Qualitative cross-impact analysis with time consideration. Technological Forecasting and Social Change, 2007, 74, 627-644.	11.6	37
7	Identifying strategic management concepts: An analytic network process approach. Computers and Industrial Engineering, 2009, 56, 600-615.	6.3	23
8	A fuzzy approach to value and culture assessment and an application. International Journal of Approximate Reasoning, 2007, 44, 182-196.	3.3	16
9	Failure Mode and Effects Analysis Under Uncertainty: A Literature Review and Tutorial. Intelligent Systems Reference Library, 2016, , 265-325.	1.2	12
10	A new rule-based integrated decision making approach to container transshipment terminal selection. Maritime Policy and Management, 2019, 46, 237-256.	3.8	10
11	Marken- und Produktpositionierung. , 2004, , 541-570.		10
12	Scenario-driven modular design in managing market uncertainty. International Journal of Technology Management, 2008, 42, 459.	0.5	8
13	Value Stream Maps for Industrial Energy Efficiency. Green Energy and Technology, 2013, , 357-379.	0.6	7
14	A Fuzzy Analytic Network Process Approach. Atlantis Computational Intelligence Systems, 2012, , 155-179.	0.5	6
15	A new 2-additive Choquet integral based approach to qualitative cross-impact analysis considering interaction effects. Technological Forecasting and Social Change, 2020, 158, 120131.	11.6	6
16	Improving Classification Performance of Fully Connected Layers by Fuzzy Clustering in Transformed Feature Space. Symmetry, 2022, 14, 658.	2.2	5
17	ANALYSIS OF THE ENERGY SERVICE MARKET IN TURKEY USING THE FUZZY DEMATEL METHOD. World Scientific Proceedings Series on Computer Engingeering and Information Science, 2012, , 58-63.	0.1	3
18	LÃœKS TÃœKETÃ°MDE SATIN ALMA DAVRANIÅžININ NEDEN ESASLI MODELLENMESÄ°. Sosyal Ekonomik AraÅŸtÄ±rmalar Dergisi, 2016, 16, 253-273.	0.8	3

#	Article	IF	Citations
19	BulanÄ±k biliÅŸsel haritalara dayalÄ± yeni bir Ã¼rÃ¼n konumlandÄ±rma yaklaÅŸÄ±mÄ±. Journal of the Faculty of Engineering and Architecture of Gazi University, 2019, 35, 1047-1062.	0.8	3
20	SCENARIO-BASED COMPETENCE DESIGNATION. Advances in Applied Business Strategy, 0, , 51-77.	0.2	2
21	A Fuzzy Cognitive Mapping Approach to the Conference Selection Problem. International Journal of Information Technology and Decision Making, 2020, 19, 1451-1484.	3.9	2
22	A Compromise-Based New Approach to Learning Fuzzy Cognitive Maps. Advances in Intelligent Systems and Computing, 2021, , 1172-1180.	0.6	2
23	Segmentation of Social Media Users: A Means-End Chain Approach. Lecture Notes in Management and Industrial Engineering, 2020, , 243-255.	0.4	2
24	An Improved Fuzzy Cognitive Mapping Method. Advances in Intelligent Systems and Computing, 2020, , 115-122.	0.6	1
25	Toward a Conceptualization of Organizational Modularity. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 355-382.	0.4	1
26	A Weighted Bonferroni-OWA Operator Based Cumulative Belief Degree Approach to Personnel Selection Based on Automated Video Interview Assessment Data. Mathematics, 2022, 10, 1582.	2.2	1
27	Vertical Integration Decision Making in Information Technology Management. Information (Switzerland), 2022, 13, 341.	2.9	1
28	Modular design capability and product positioning: An integrative view. Advances in Applied Business Strategy, 2008, , 29-53.	0.2	0
29	QUALITATIVE CROSS IMPACT ANALYSIS USING HESITANT FUZZY SETS. , 2016, , .		0
30	A TRIANGULAR HESITANT FUZZY APPROACH TO FCM: AN ILLUSTRATIVE EXAMPLE. , 2016, , .		0
31	A FUZZY MULTI-CRITERIA DECISION ANALYSIS OF LOCATION FACTORS FOR INTERNATIONAL INVESTMENTS. , 2010, , .		0
32	EXAMINATION OF AN ORGANIZATION'S STRATEGIC FRAMEWORK: A FUZZY ANALYTIC NETWORK MODEL. , 2010, , .		0
33	AN INTERVAL-VALUED HESITANT FUZZY APPROACH FOR FCM: AN EXAMPLE FOR ROOT CAUSES OF HUMAN ERRORS IN SHIPPING ACCIDENTS. , 2016, , .		0
34	FAILURE MODE AND EFFECTS ANALYSIS USING HESITANT FUZZY SETS. , 2016, , .		0
35	Competitive Positioning Analysis with Learning Vector Quantization. Advances in Intelligent Systems and Computing, 2020, , 369-376.	0.6	0
36	A New Cluster-Aware Regularization of Neural Networks. Advances in Intelligent Systems and Computing, 2020, , 346-353.	0.6	0

#	Article	IF	Citations
37	Usage of Industry 4.0 Technologies Among ISO 500 Manufacturing Firms in Turkey. Lecture Notes in Mechanical Engineering, 2020, , 335-347.	0.4	0