

Yusuf Tansel Ic

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

917
citations

687363

13
h-index

477307

29
g-index

51
all docs

51
docs citations

51
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	The development of a reviewer selection method: a multi-level hesitant fuzzy VIKOR and TOPSIS approaches. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 3275-3302.	4.9	5
2	A Simplified Throughput Model for a Unit-Load AS/RS Considering Dynamics Principles. <i>Journal of Advanced Manufacturing Systems</i> , 2022, 21, 125-142.	1.0	1
3	Development of a decision support system to determine engineering student achievement levels based on individual program output during the accreditation process. <i>Education and Information Technologies</i> , 2022, 27, 4447-4472.	5.7	3
4	Development of a hybrid financial performance measurement model using AHP and DOE methods for Turkish commercial banks. <i>Soft Computing</i> , 2022, 26, 2959-2979.	3.6	5
5	A New Multi-response Taguchi-Based Goal Programming Model for Sustainable Turning Process. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 3915.	3.0	2
6	Analysis of the manufacturing flexibility parameters with effective performance metrics: a new interactive approach based on modified TOPSIS-Taguchi method. <i>International Journal on Interactive Design and Manufacturing</i> , 2022, 16, 197-225.	2.2	4
7	Variable refrigerant flow air conditioning system applicant company selection using PROMETHEE method. <i>International Journal of Energy and Environmental Engineering</i> , 2022, 13, 1177-1204.	2.5	3
8	An integrated AHP-modified VIKOR model for financial performance modeling in retail and wholesale trade companies. <i>Decision Analytics Journal</i> , 2022, 3, 100077.	4.8	11
9	A new long term (strategic) ranking model for machining center selection decisions based on the review of machining center structural components using triangular fuzzy numbers. <i>Decision Analytics Journal</i> , 2022, 4, 100081.	4.8	1
10	Development of a new trapezoidal fuzzy AHP-TOPSIS hybrid approach for manufacturing firm performance measurement. <i>Granular Computing</i> , 2021, 6, 915-929.	8.0	19
11	Development of a multi-criteria decision-making model for comparing the performance of Turkish commercial banks. <i>Journal of Advances in Management Research</i> , 2021, 18, 250-272.	3.0	9
12	Partitioning of a manufacturing system into machine cells—a practical application. <i>Evolving Systems</i> , 2021, 12, 423-438.	3.9	1
13	Multi-objective Optimization of Turning Parameters for SiC- or Al ₂ O ₃ -Reinforced Aluminum Matrix Composites. <i>Process Integration and Optimization for Sustainability</i> , 2021, 5, 609-623.	2.6	3
14	Reliability Centered Maintenance Analysis Using Analytic Hierarchy Process for Electro-mechanical Actuators. <i>Aerotecnica Missili & Spazio</i> , 2021, 100, 321-335.	0.9	4
15	Development of a new hesitant fuzzy ranking model for NTMP ranking problem. <i>Soft Computing</i> , 2021, 25, 14537-14548.	3.6	0
16	A New Multi Echelon Repair Network Model with Multiple Upstream Locations for Level of Repair Analysis Problem. <i>Defence Science Journal</i> , 2021, 71, 762-771.	0.8	1
17	Selecting the field hospital location for earthquakes: an application for Ankara Province in Turkey. <i>International Journal of Emergency Services</i> , 2021, , .	1.1	1
18	A Multi-Objective Credit Evaluation Model Using MOORA Method and Goal Programming. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 2035-2048.	3.0	25

#	ARTICLE	IF	CITATIONS
19	An improved decision support system for ABC inventory classification. <i>Evolving Systems</i> , 2020, 11, 683-696.	3.9	14
20	Development of an intuitionistic fuzzy ranking model for nontraditional machining processes. <i>Soft Computing</i> , 2020, 24, 10095-10110.	3.6	6
21	Fuzzy failure mode and effect analysis application to reduce risk level in a ready-mixed concrete plant: A fuzzy rule based system modelling approach. <i>Mathematics and Computers in Simulation</i> , 2020, 178, 549-587.	4.4	15
22	Airfoilâ€‘slat arrangement model design for wind turbines in fuzzy environment. <i>Neural Computing and Applications</i> , 2020, 32, 13931-13939.	5.6	7
23	A knowledge-based material selection system for interactive pressure vessel design. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 323-343.	2.2	5
24	Building a Graphical User Interface for Concrete Production Processes: A Combined Application of Statistical Process Control and Design of Experiment. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 4373-4393.	3.0	9
25	Development of a Spreadsheet DSS for Multi-Response Taguchi Parameter Optimization Problems Using the TOPSIS, VIKOR, and GRA Methods. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 1501-1531.	3.9	8
26	Comparison of Fuzzy and Crisp Versions of an AHP and TOPSIS Model for Nontraditional Manufacturing Process Ranking Decision. <i>Journal of Advanced Manufacturing Systems</i> , 2019, 18, 167-192.	1.0	8
27	Operating window perspective integrated TOPSIS approach for hybrid electrical automobile selection. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	7
28	Analysis of Performance Improvement Brought by the Application of an ISO 9001 Quality Management System With TOPSIS Approach. <i>International Journal of Knowledge-Based Organizations</i> , 2019, 9, 1-13.	0.4	5
29	Development of a New Support Mechanism to Calculate Feed-in Tariffs for Electricity Generation from Renewable Energy Sources in Turkey. <i>Process Integration and Optimization for Sustainability</i> , 2019, 3, 423-436.	2.6	4
30	Reducing Uncertainty in a Type J Thermocouple Calibration Process. <i>International Journal of Thermophysics</i> , 2019, 40, 1.	2.1	5
31	New mathematical models for team formation of sports clubs before the match. <i>Central European Journal of Operations Research</i> , 2019, 27, 93-109.	1.8	12
32	Understanding the Effect of Assignment of Importance Scores of Evaluation Criteria Randomly in the Application of DOE-TOPSIS in Decision Making. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 411-424.	0.6	2
33	Optimisation of cutting parameters for minimizing carbon emission and maximising cutting quality in turning process. <i>International Journal of Production Research</i> , 2018, 56, 4035-4055.	7.5	43
34	Development of a multi-level performance measurement model for manufacturing companies using a modified version of the fuzzy TOPSIS approach. <i>Soft Computing</i> , 2018, 22, 7491-7503.	3.6	8
35	An Integrated Fuzzy TOPSIS-Knapsack Problem Model for Order Selection in a Bakery. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 5321-5337.	3.0	10
36	Development of a new multi-criteria optimization method for engineering design problems. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2016, 27, 413-436.	2.1	11

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37	A RSM-Based Multi-Response Optimization Application for Determining Optimal Mix Proportions of Standard Ready-Mixed Concrete. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 1435-1450.	1.1	46
38	Topsis based Taguchi method for multi-response simulation optimization of flexible manufacturing system. , 2014, , .		6
39	A decision support system for selection of net-shape primary manufacturing processes. <i>International Journal of Production Research</i> , 2014, 52, 1528-1541.	7.5	10
40	A TOPSIS-based Taguchi optimization to determine optimal mixture proportions of the high strength self-compacting concrete. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 125, 18-32.	3.5	95
41	MOORA-based Taguchi optimisation for improving product or process quality. <i>International Journal of Production Research</i> , 2013, 51, 3321-3341.	7.5	45
42	Development of a component-based machining centre selection model using AHP. <i>International Journal of Production Research</i> , 2012, 50, 6489-6498.	7.5	23
43	Development of a credit limit allocation model for banks using an integrated Fuzzy TOPSIS and linear programming. <i>Expert Systems With Applications</i> , 2012, 39, 5309-5316.	7.6	41
44	An experimental design approach using TOPSIS method for the selection of computer-integrated manufacturing technologies. <i>Robotics and Computer-Integrated Manufacturing</i> , 2012, 28, 245-256.	9.9	145
45	Development of a quick credibility scoring decision support system using fuzzy TOPSIS. <i>Expert Systems With Applications</i> , 2010, 37, 567-574.	7.6	66
46	Application of correlation test to criteria selection for multi criteria decision making (MCDM) models. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 40, 403-412.	3.0	60
47	AHP approach in the credit evaluation of the manufacturing firms in Turkey. <i>International Journal of Production Economics</i> , 2004, 88, 269-289.	8.9	100
48	Development of a goal programming model based on response surface and analytic hierarchy process approaches for laser cutting process optimization of St-52 steel plates. <i>Journal of Advanced Manufacturing Systems</i> , 0, , .	1.0	2
49	A Multi-Objective Mathematical Model for Level of Repair Analysis with Lead Times and Multi-Transportation Modes. <i>International Journal of Information Technology and Decision Making</i> , 0, , 1-18.	3.9	1
50	Development and comparison of airplane fuselage panel assembly system alternatives using axiomatic design principles and simulation methodology. <i>International Journal on Interactive Design and Manufacturing</i> , 0, , 1.	2.2	0
51	Analysis of the Robustness of the Operational Performance Using a Combined Model of the Design of Experiment and Goal Programming Approaches for a Flexible Manufacturing Cell. <i>Journal of Advanced Manufacturing Systems</i> , 0, , 1-26.	1.0	0