Jakub WiÄckowski™

List of Publications by Year
in descending order

33 papers	**831** citations	623188 **14** h-index	500791 **28** g-index
36 all docs	**36** docs citations	**36** times ranked	**351** citing authors

#	Article	IF	Citations
1	Are MCDA Methods Benchmarkable? A Comparative Study of TOPSIS, VIKOR, COPRAS, and PROMETHEE II Methods. Symmetry, 2020, 12, 1549.	1.1	248
2	A New Method to Support Decision-Making in an Uncertain Environment Based on Normalized Interval-Valued Triangular Fuzzy Numbers and COMET Technique. Symmetry, 2020, 12, 516.	1.1	68
3	A comparative case study of the VIKOR and TOPSIS rankings similarity. Procedia Computer Science, 2020, 176, 3730-3740.	1.2	57
4	Methodical Aspects of MCDM Based E-Commerce Recommender System. Journal of Theoretical and Applied Electronic Commerce Research, 2021, 16, 2192-2229.	3.1	52
5	Efficiency of Methods for Determining the Relevance of Criteria in Sustainable Transport Problems: A Comparative Case Study. Sustainability, 2020, 12, 7915.	1.6	46
6	Fuzzy Model Identification Using Monolithic and Structured Approaches in Decision Problems with Partially Incomplete Data. Symmetry, 2020, 12, 1541.	1.1	37
7	A Fuzzy Inference System for Players Evaluation in Multi-Player Sports: The Football Study Case. Symmetry, 2020, 12, 2029.	1.1	37
8	Comparative Analysis of Solar Panels with Determination of Local Significance Levels of Criteria Using the MCDM Methods Resistant to the Rank Reversal Phenomenon. Energies, 2021, 14, 5727.	1.6	37
9	STUDY TOWARDS THE TIME-BASED MCDA RANKING ANALYSIS – A SUPPLIER SELECTION CASE STUDY. Facta Universitatis, Series: Mechanical Engineering, 2021, 19, 381.	2.3	36
10	Similarity Analysis of Methods for Objective Determination of Weights in Multi-Criteria Decision Support Systems. Symmetry, 2021, 13, 1874.	1.1	36
11	A New Approach to Eliminate Rank Reversal in the MCDA Problems. Lecture Notes in Computer Science, 2021, , 338-351.	1.0	22
12	A New Entropy Measurement for the Analysis of Uncertain Data in MCDA Problems Using Intuitionistic Fuzzy Sets and COPRAS Method. Axioms, 2021, 10, 335.	0.9	17
13	Decision Support in Selecting a Reliable Strategy for Sustainable Urban Transport Based on Laplacian Energy of T-Spherical Fuzzy Graphs. Energies, 2022, 15, 4970.	1.6	15
14	Why TOPSIS does not always give correct results?. Procedia Computer Science, 2020, 176, 3591-3600.	1.2	14
15	Do distance-based multi-criteria decision analysis methods create similar rankings?. Procedia Computer Science, 2020, 176, 3718-3729.	1.2	14
16	Swimming progression evaluation by assessment model based on the COMET method. Procedia Computer Science, 2020, 176, 3514-3523.	1.2	12
17	The Search of the Optimal Preference Values of the Characteristic Objects by Using Particle Swarm Optimization in the Uncertain Environment. Smart Innovation, Systems and Technologies, 2020, , 353-363.	0.5	11
18	Finding an Approximate Global Optimum of Characteristic Objects Preferences by Using Simulated Annealing. Smart Innovation, Systems and Technologies, 2020, , 365-375.	0.5	11

#	Article	IF	Citations
19	Application of Hill Climbing Algorithm in Determining the Characteristic Objects Preferences Based on the Reference Set of Alternatives. Smart Innovation, Systems and Technologies, 2020, , 341-351.	0.5	10
20	A fuzzy assessment model for freestyle swimmers - a comparative analysis of the MCDA methods. Procedia Computer Science, 2021, 192, 4148-4157.	1.2	9
21	New Rank-Reversal Free Approach to Handle Interval Data in MCDA Problems. Lecture Notes in Computer Science, 2021, , 458-472.	1.0	7
22	How to Apply Fuzzy MISO PID in the Industry? An Empirical Study Case on Simulation of Crane Relocating Containers. Electronics (Switzerland), 2020, 9, 2017.	1.8	5
23	A Study of Different Distance Metrics in the TOPSIS Method. Smart Innovation, Systems and Technologies, 2021, , 275-284.	0.5	5
24	Can weighting methods provide similar results in MCDA problems? Selection of energetic materials study case. Procedia Computer Science, 2021, 192, 4592-4601.	1.2	5
25	Swimmer Assessment Model (SWAM): Expert System Supporting Sport Potential Measurement. IEEE Access, 2022, 10, 5051-5068.	2.6	5
26	How to determine complex MCDM model in the COMET method? Automotive sport measurement case study. Procedia Computer Science, 2021, 192, 376-386.	1.2	4
27	Toward Reliability in the MCDA Rankings: Comparison of Distance-Based Methods. Smart Innovation, Systems and Technologies, 2021, , 321-329.	0.5	4
28	Towards an e-commerce recommendation system based on MCDM methods. , 2021, , .		2
29	Decision-Making Problems with Local Extremes: Comparative Study Case. Lecture Notes in Computer Science, 2021, , 453-462.	1.0	1
30	The Usage of Possibility Degree in the Multi-criteria Decision-Analysis Problems. Lecture Notes in Computer Science, 2021, , 330-341.	1.0	1
31	Towards Innovative MCDM-based Sustainable Consumer Choices System: Automotive Evaluation Case Study. , 2021, , .		1
32	Multi-Criteria Assessment of Swimmers' Predispositions to Compete in Swimming Styles. , 2021, , .		1
33	Dealing withÂNonmonotonic Criteria inÂDecision-Making Problems Using Fuzzy Normalization. Lecture Notes in Networks and Systems, 2022, , 27-35.	0.5	1