JarosÅ‚aw WÄtrÃ³bski

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4509820/publications.pdf

Version: 2024-02-01

118 papers	2,798 citations	236612 25 h-index	205818 48 g-index
122 all docs	122 docs citations	122 times ranked	1406 citing authors

#	Article	IF	Citations
1	Generalised framework for multi-criteria method selection. Omega, 2019, 86, 107-124.	3.6	320
2	Are MCDA Methods Benchmarkable? A Comparative Study of TOPSIS, VIKOR, COPRAS, and PROMETHEE II Methods. Symmetry, 2020, 12, 1549.	1.1	248
3	Decision Making with Uncertainty Using Hesitant Fuzzy Sets. International Journal of Fuzzy Systems, 2018, 20, 93-103.	2.3	156
4	Multi-Criteria Analysis of Electric Vans for City Logistics. Sustainability, 2017, 9, 1453.	1.6	90
5	Group Decision-Making for Hesitant Fuzzy Sets Based on Characteristic Objects Method. Symmetry, 2017, 9, 136.	1.1	88
6	A Robust q-Rung Orthopair Fuzzy Information Aggregation Using Einstein Operations with Application to Sustainable Energy Planning Decision Management. Energies, 2020, 13, 2155.	1.6	82
7	Best-Worst method and Hamacher aggregation operations for intuitionistic 2-tuple linguistic sets. Expert Systems With Applications, 2021, 181, 115088.	4.4	77
8	Using the PROSA Method in Offshore Wind Farm Location Problems. Energies, 2017, 10, 1755.	1.6	73
9	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
10	Sustainable cities and communities assessment using the DARIA-TOPSIS method. Sustainable Cities and Society, 2022, 83, 103926.	5.1	65
11	Multicriteria Approach to Sustainable Transport Evaluation under Incomplete Knowledge: Electric Bikes Case Study. Sustainability, 2019, 11, 3314.	1.6	57
12	Generalised framework for multi-criteria method selection: Rule set database and exemplary decision support system implementation blueprints. Data in Brief, 2019, 22, 639-642.	0.5	53
13	Fuzzy multi-objective modeling of effectiveness and user experience in online advertising. Expert Systems With Applications, 2016, 65, 315-331.	4.4	52
14	Identification of Relevant Criteria Set in the MCDA Processâ€"Wind Farm Location Case Study. Energies, 2020, 13, 6548.	1.6	52
15	Methodical Aspects of MCDM Based E-Commerce Recommender System. Journal of Theoretical and Applied Electronic Commerce Research, 2021, 16, 2192-2229.	3.1	52
16	Green Energy for a Green Cityâ€"A Multi-Perspective Model Approach. Sustainability, 2016, 8, 702.	1.6	51
17	A gradual approach for maximising user conversion without compromising experience with high visual intensity website elements. Internet Research, 2019, 29, 194-217.	2.7	45
18	Multi-criteria decision support for planning and evaluation of performance of viral marketing campaigns in social networks. PLoS ONE, 2018, 13, e0209372.	1.1	44

#	ARTICLE	IF	CITATIONS
19	Outline of Multicriteria Decision-making in Green Logistics. Transportation Research Procedia, 2016, 16, 537-552.	0.8	43
20	An Index to Measure the Sustainable Information Society: The Polish Households Case. Sustainability, 2018, 10, 3223.	1.6	42
21	Intuitionistic Fuzzy Sets in Multi-Criteria Group Decision Making Problems Using the Characteristic Objects Method. Symmetry, 2020, 12, 1382.	1.1	42
22	Hesitant Probabilistic Multiplicative Preference Relations in Group Decision Making. Applied Sciences (Switzerland), 2018, 8, 398.	1.3	40
23	A Fuzzy Inference System for Players Evaluation in Multi-Player Sports: The Football Study Case. Symmetry, 2020, 12, 2029.	1.1	37
24	STUDY TOWARDS THE TIME-BASED MCDA RANKING ANALYSIS â€“ A SUPPLIER SELECTION CASE STUDY. Facta Universitatis, Series: Mechanical Engineering, 2021, 19, 381.	2.3	36
25	The Rank Reversals Paradox in Management Decisions: The Comparison of the AHP and COMET Methods. Smart Innovation, Systems and Technologies, 2016, , 181-191.	0.5	35
26	Sustainable Decision-Making using the COMET Method: An Empirical Study of the Ammonium Nitrate Transport Management. , 0, , .		33
27	Handling Data Uncertainty in Decision Making with COMET. , 2018, , .		32
28	Decision-Making using the Hesitant Fuzzy Sets COMET Method: An Empirical Study of the Electric City Buses Selection. , 2018, , .		27
29	Identification of a Multi-criteria Model ofÂLocation Assessment for Renewable Energy Sources. Lecture Notes in Computer Science, 2016, , 321-332.	1.0	26
30	Methodological Aspects of Decision Support System for the Location of Renewable Energy Sources. , 2015, , .		24
31	The Characteristic Objects Method: A New Intelligent Decision Support Tool for Sustainable Manufacturing. Smart Innovation, Systems and Technologies, 2016, , 349-359.	0.5	24
32	Green Supplier Selection Framework Based on Multi-Criteria Decision-Analysis Approach. Smart Innovation, Systems and Technologies, 2016, , 361-371.	0.5	24
33	Knowledge Management in MCDA Domain. , 0, , .		23
34	Cellular Automaton to Study the Impact of Changes in Traffic Rules in a Roundabout: A Preliminary Approach. Applied Sciences (Switzerland), 2017, 7, 742.	1.3	23
35	Intuitionistic-Fuzzy Goals in Zero-Sum Multi Criteria Matrix Games. Symmetry, 2017, 9, 158.	1.1	22
36	Towards the Tradeoff Between Online Marketing Resources Exploitation and the User Experience with the Use of Eye Tracking. Lecture Notes in Computer Science, 2016, , 330-343.	1.0	22

#	ARTICLE	IF	CITATIONS
37	Multistage performance modelling in digital marketing management. Economics and Sociology, 2016, 9, 101-125.	0.8	22
38	Identification of Players Ranking in E-Sport. Applied Sciences (Switzerland), 2020, 10, 6768.	1.3	21
39	Statistical and analytical approach of multi-criteria group decision-making based on the correlation coefficient under intuitionistic 2-tuple fuzzy linguistic environment. Expert Systems With Applications, 2022, 193, 116341.	4.4	21
40	Method of Criteria Selection and Weights Calculation in the Process of Web Projects Evaluation. Lecture Notes in Computer Science, 2014, , 684-693.	1.0	19
41	New Pythagorean Entropy Measure with Application in Multi-Criteria Decision Analysis. Entropy, 2021, 23, 1600.	1.1	19
42	Guideline for MCDA Method Selection in Production Management Area. Intelligent Systems Reference Library, 2016, , 119-138.	1.0	18
43	The Selection of Multicriteria Method Based on Unstructured Decision Problem Description. Lecture Notes in Computer Science, 2014, , 454-465.	1.0	17
44	Chaotic Dynamical State Variables Selection Procedure Based Image Encryption Scheme. Symmetry, 2017, 9, 312.	1.1	16
45	Research on the Properties of the AHP in the Environment of Inaccurate Expert Evaluations. Springer Proceedings in Business and Economics, 2016, , 227-243.	0.3	15
46	Towards Sustainability in Viral Marketing with User Engaging Supporting Campaigns. Sustainability, 2018, 10, 15.	1.6	15
47	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
48	Why TOPSIS does not always give correct results?. Procedia Computer Science, 2020, 176, 3591-3600.	1.2	14
49	Integration of Domain Ontologies in the Repository of Website Evaluation Methods. , 0, , .		13
50	Knowledge Management in Website Quality Evaluation Domain. Lecture Notes in Computer Science, 2015, , 75-85.	1.0	12
51	Swimming progression evaluation by assessment model based on the COMET method. Procedia Computer Science, 2020, 176, 3514-3523.	1.2	12
52	Integrated Approach to e-Commerce Websites Evaluation with the Use of Surveys and Eye Tracking Based Experiments. , 0, , .		11
53	Modeling the Impact of Visual Components on Verbal Communication in Online Advertising. Lecture Notes in Computer Science, 2015, , 44-53.	1.0	11
54	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

#	Article	IF	Citations
55	Finding an Approximate Global Optimum of Characteristic Objects Preferences by Using Simulated Annealing. Smart Innovation, Systems and Technologies, 2020, , 365-375.	0.5	11
56	The Classification of Internet Shop Customers based on the Cluster Analysis and Graph Cellular Automata. Procedia Computer Science, 2017, 112, 2280-2289.	1.2	10
57	Ontology learning methods from text - an extensive knowledge-based approach. Procedia Computer Science, 2020, 176, 3356-3368.	1.2	10
58	Selected Issues of Rank Reversal Problem in ANP Method. Springer Proceedings in Business and Economics, 2016, , 203-225.	0.3	10
59	An Ontology-Based Knowledge Representation of MCDA Methods. Lecture Notes in Computer Science, 2016, , 54-64.	1.0	10
60	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
61	Mobile System of Decision-Making on Road Threats. Procedia Computer Science, 2017, 112, 1737-1746.	1.2	9
62	Towards Objectification of Multi-Criteria Assessments: a Comparative Study on MCDA Methods. , 0, , .		9
63	Construction and Restructuring of the Knowledge Repository of Website Evaluation Methods. Lecture Notes in Business Information Processing, 2016, , 29-52.	0.8	9
64	A fuzzy assessment model for freestyle swimmers - a comparative analysis of the MCDA methods. Procedia Computer Science, 2021, 192, 4148-4157.	1.2	9
65	Comparative study of ICT and SIS measurement in Polish households using a MCDA-based approach. Procedia Computer Science, 2019, 159, 2616-2628.	1.2	8
66	Towards proper consumer choices - MCDM based product selection. Procedia Computer Science, 2021, 192, 1347-1358.	1.2	8
67	Integration of Eye-Tracking Based Studies into e-Commerce Websites Evaluation Process with eQual and TOPSIS Methods. Lecture Notes in Business Information Processing, 2017, , 56-80.	0.8	8
68	pyrepo-mcda â€" Reference objects based MCDA software package. SoftwareX, 2022, 19, 101107.	1.2	8
69	Ontology Supporting Green Supplier Selection Process. Procedia Computer Science, 2019, 159, 1602-1613.	1.2	7
70	Application of VMCM method (Vector Measure Construction Methods) to estimate consumerâ€™s quality of life in EU countries â€“ dynamic perspective. Procedia Computer Science, 2019, 159, 2404-2413.	1.2	7
71	A Novel Multi-Criteria Group Decision-Making Approach Based on Bonferroni and Heronian Mean Operators under Hesitant 2-Tuple Linguistic Environment. Mathematics, 2021, 9, 1489.	1.1	7
72	Approach to Practical Ontology Design for Supporting COTS Component Selection Processes. Lecture Notes in Computer Science, 2013, , 245-255.	1.0	7

#	ARTICLE	IF	CITATIONS
73	PEQUAL - E-commerce websites quality evaluation methodology. , 0, , .		7
74	Identification of a Multi-criteria Assessment Model of Relation Between Editorial and Commercial Content in Web Systems. Advances in Intelligent Systems and Computing, 2017, , 295-305.	0.5	6
75	OONIS â€" Object-Oriented Network Infection Simulator. SoftwareX, 2021, 14, 100675.	1.2	6
76	Web Projects Evaluation Using the Method of Significant Website Assessment Criteria Detection. Lecture Notes in Computer Science, 2016, , 167-188.	1.0	6
77	MCDA-based Approach to Sustainable Supplier Selection. , 0, , .		6
78	Application of the Fair Secret Exchange Protocols in the Distribution of Electronic Invoices. Procedia Computer Science, 2017, 112, 1819-1828.	1.2	5
79	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
80	A Cellular Automaton Based System for Traffic Analyses on the Roundabout. Lecture Notes in Computer Science, 2017, , 56-65.	1.0	5
81	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
82	Swimmer Assessment Model (SWAM): Expert System Supporting Sport Potential Measurement. IEEE Access, 2022, 10, 5051-5068.	2.6	5
83	Eye Tracking Based Experimental Evaluation of the Parameters of Online Content Affecting the Web User Behaviour. Springer Proceedings in Business and Economics, 2016, , 311-332.	0.3	4
84	The Temporal Supplier Evaluation Model Based on Multicriteria Decision Analysis Methods. Lecture Notes in Computer Science, 2017, , 432-442.	1.0	4
85	Dynamic Decision Support in the Internet Marketing Management. Lecture Notes in Computer Science, 2018, , 39-68.	1.0	4
86	Towards Knowledge Handling in Sustainable Management Domain. Procedia Computer Science, 2019, 159, 1591-1601.	1.2	4
87	Multi-criteria decision making approach to production line optimization. Procedia Computer Science, 2020, 176, 3820-3830.	1.2	4
88	An ANN Model Trained on Regional Data in the Prediction of Particular Weather Conditions. Applied Sciences (Switzerland), 2021, 11, 4757.	1.3	4
89	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
90	Online Comparison System with Certain and Uncertain Criteria Based on Multi-criteria Decision Analysis Method. Lecture Notes in Computer Science, 2017, , 579-589.	1.0	4

#	ARTICLE	IF	CITATIONS
91	Using PEQUAL Methodology in Auction Platforms Evaluation Process. Lecture Notes in Business Information Processing, 2017, , 222-241.	0.8	3
92	An Attempt to Knowledge Conceptualization of Methods and Tools Supporting Ontology Evaluation Process. Procedia Computer Science, 2018, 126, 2238-2247.	1.2	3
93	Multi-Criteria Seed Selection for Targeting Multi-Attribute Nodes in Complex Networks. Symmetry, 2021, 13, 731.	1.1	3
94	On Graph Structures in Fuzzy Environment Using Optimization Parameter. IEEE Access, 2021, 9, 75699-75711.	2.6	3
95	MCDA-based Decision Support System for Sustainable Management â€“ RES Case Study. , 0, , .		3
96	Parametrization of Spreading Processes Within Complex Networks with the Use of Knowledge Acquired from Network Samples. Procedia Computer Science, 2019, 159, 2279-2293.	1.2	2
97	Comparative Study of Different MCDA-Based Approaches in Sustainable Supplier Selection Problem. Lecture Notes in Business Information Processing, 2019, , 176-193.	0.8	2
98	Multi-criteria approach to viral marketing campaign planning in social networks, based on real networks, network samples and synthetic networks. , 0, , .		2
99	Identification of reference multi criteria domain model - Production line optimization case study. Procedia Computer Science, 2020, 176, 3794-3801.	1.2	2
100	Algorithms Effectiveness comparison in solving Nonogram boards. Procedia Computer Science, 2021, 192, 1885-1893.	1.2	2
101	Study on objectivity of mobile phone preferences: the MCDA analysis. Procedia Computer Science, 2021, 192, 5067-5080.	1.2	2
102	Towards the RES Development: Multi-Criteria Assessment of Energy Storage Devices. , 2021, , .		2
103	Towards an e-commerce recommendation system based on MCDM methods. , 2021, , .		2
104	Modeling the Perceptual Response from Effects Oriented Web Components Towards Lower Intrusiveness. Procedia Computer Science, 2016, 96, 147-158.	1.2	1
105	Dynamic MCDA Approach to Multilevel Decision Support in Online Environment. Lecture Notes in Computer Science, 2016, , 553-564.	1.0	1
106	Transformations of Standardized MLP Models and Linguistic Data in the Computerized Decision Support System. Intelligent Systems Reference Library, 2016, , 213-231.	1.0	1
107	Hierarchical Representation of Website Evaluation Model Using Survey andÂPerceptual Based Criteria. Lecture Notes in Business Information Processing, 2018, , 229-248.	0.8	1
108	Sustainable Decision Making Using a Consensus Model for Consistent Hesitant Fuzzy Preference Relationsâ€”Water Allocation Management Case Study. Symmetry, 2020, 12, 1957.	1.1	1

#	ARTICLE	IF	CITATIONS
109	Towards standardization in frameworks, tools and approaches dedicated to ontology building and management. Procedia Computer Science, 2020, 176, 3345-3355.	1.2	1
110	The Use of a Fuzzy Cognitive Maps and Eye Tracking in Exploitation of Online Advertising Resources. , 2016, , .		1
111	Multi-criteria Approach to Planning of Information Spreading Processes Focused on Their Initialization with the Use of Sequential Seeding. Lecture Notes in Business Information Processing, 2020, , 116-134.	0.8	1
112	Towards Innovative MCDM-based Sustainable Consumer Choices System: Automotive Evaluation Case Study. , 2021, , .		1
113	Towards Reliable Results - A Comparative Analysis of Selected MCDA Techniques in the Camera Selection Problem. Lecture Notes in Business Information Processing, 2022, , 143-165.	0.8	1
114	Multi-Criteria Assessment of Swimmers' Predispositions to Compete in Swimming Styles. , 2021, , .		1
115	An Ontology Supporting Multiple-Criteria Decision Analysis Method Selection. Smart Innovation, Systems and Technologies, 2016, , 89-99.	0.5	0
116	Multicriteria Selection of Online Advertising Content for the Habituation Effect Reduction. Lecture Notes in Computer Science, 2019, , 499-509.	1.0	0
117	Multi-criteria Seed Selection for Targeted Influence Maximization Within Social Networks. Lecture Notes in Computer Science, 2021, , 454-461.	1.0	0
118	Exploitation of Web Resources Towards Increased Conversions and Effectiveness. Smart Innovation, Systems and Technologies, 2016, , 97-107.	0.5	0