

Jaroslav Watrbski

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

1,875
citations

24
h-index

40
g-index

122
ext. papers

2,263
ext. citations

2
avg, IF

6.02
L-index

#	Paper	IF	Citations
116	Generalised framework for multi-criteria method selection. <i>Omega</i> , 2019 , 86, 107-124	7.2	216
115	Decision Making with Uncertainty Using Hesitant Fuzzy Sets. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 93-103	3.6	133
114	Are MCDA Methods Benchmarkable? A Comparative Study of TOPSIS, VIKOR, COPRAS, and PROMETHEE II Methods. <i>Symmetry</i> , 2020 , 12, 1549	2.7	118
113	Group Decision-Making for Hesitant Fuzzy Sets Based on Characteristic Objects Method. <i>Symmetry</i> , 2017 , 9, 136	2.7	79
112	Multi-Criteria Analysis of Electric Vans for City Logistics. <i>Sustainability</i> , 2017 , 9, 1453	3.6	65
111	Using the PROSA Method in Offshore Wind Farm Location Problems. <i>Energies</i> , 2017 , 10, 1755	3.1	59
110	A Robust q-Rung Orthopair Fuzzy Information Aggregation Using Einstein Operations with Application to Sustainable Energy Planning Decision Management. <i>Energies</i> , 2020 , 13, 2155	3.1	58
109	Best-Worst method and Hamacher aggregation operations for intuitionistic 2-tuple linguistic sets. <i>Expert Systems With Applications</i> , 2021 , 181, 115088	7.8	53
108	A New Method to Support Decision-Making in an Uncertain Environment Based on Normalized Interval-Valued Triangular Fuzzy Numbers and COMET Technique. <i>Symmetry</i> , 2020 , 12, 516	2.7	51
107	Fuzzy multi-objective modeling of effectiveness and user experience in online advertising. <i>Expert Systems With Applications</i> , 2016 , 65, 315-331	7.8	45
106	Multicriteria Approach to Sustainable Transport Evaluation under Incomplete Knowledge: Electric Bikes Case Study. <i>Sustainability</i> , 2019 , 11, 3314	3.6	41
105	Green Energy for a Green City: A Multi-Perspective Model Approach. <i>Sustainability</i> , 2016 , 8, 702	3.6	38
104	Generalised framework for multi-criteria method selection: Rule set database and exemplary decision support system implementation blueprints. <i>Data in Brief</i> , 2019 , 22, 639-642	1.2	38
103	A gradual approach for maximising user conversion without compromising experience with high visual intensity website elements. <i>Internet Research</i> , 2019 , 29, 194-217	4.8	35
102	Multi-criteria decision support for planning and evaluation of performance of viral marketing campaigns in social networks. <i>PLoS ONE</i> , 2018 , 13, e0209372	3.7	35
101	An Index to Measure the Sustainable Information Society: The Polish Households Case. <i>Sustainability</i> , 2018 , 10, 3223	3.6	35
100	Outline of Multicriteria Decision-making in Green Logistics. <i>Transportation Research Procedia</i> , 2016 , 16, 537-552	2.4	33

99	Hesitant Probabilistic Multiplicative Preference Relations in Group Decision Making. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 398	2.6	32
98	Identification of Relevant Criteria Set in the MCDA Process Wind Farm Location Case Study. <i>Energies</i> , 2020 , 13, 6548	3.1	31
97	A Fuzzy Inference System for Players Evaluation in Multi-Player Sports: The Football Study Case. <i>Symmetry</i> , 2020 , 12, 2029	2.7	26
96	The Rank Reversals Paradox in Management Decisions: The Comparison of the AHP and COMET Methods. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 181-191	0.5	26
95	Intuitionistic Fuzzy Sets in Multi-Criteria Group Decision Making Problems Using the Characteristic Objects Method. <i>Symmetry</i> , 2020 , 12, 1382	2.7	26
94	Sustainable Decision-Making using the COMET Method: An Empirical Study of the Ammonium Nitrate Transport Management 2017 ,		25
93	Decision-Making using the Hesitant Fuzzy Sets COMET Method: An Empirical Study of the Electric City Buses Selection 2018 ,		25
92	Identification of a Multi-criteria Model of Location Assessment for Renewable Energy Sources. <i>Lecture Notes in Computer Science</i> , 2016 , 321-332	0.9	24
91	Handling Data Uncertainty in Decision Making with COMET 2018 ,		22
90	Methodological Aspects of Decision Support System for the Location of Renewable Energy Sources 2015 ,		21
89	The Characteristic Objects Method: A New Intelligent Decision Support Tool for Sustainable Manufacturing. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 349-359	0.5	21
88	Green Supplier Selection Framework Based on Multi-Criteria Decision-Analysis Approach. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 361-371	0.5	21
87	Methodical Aspects of MCDM Based E-Commerce Recommender System. <i>Journal of Theoretical and Applied Electronic Commerce Research</i> , 2021 , 16, 2192-2229	4.1	20
86	Multistage performance modelling in digital marketing management. <i>Economics and Sociology</i> , 2016 , 9, 101-125	2.7	19
85	Towards the Tradeoff Between Online Marketing Resources Exploitation and the User Experience with the Use of Eye Tracking. <i>Lecture Notes in Computer Science</i> , 2016 , 330-343	0.9	19
84	Cellular Automaton to Study the Impact of Changes in Traffic Rules in a Roundabout: A Preliminary Approach. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 742	2.6	18
83	Knowledge Management in MCDA Domain 2015 ,		18
82	Intuitionistic-Fuzzy Goals in Zero-Sum Multi Criteria Matrix Games. <i>Symmetry</i> , 2017 , 9, 158	2.7	17

81	Towards Sustainability in Viral Marketing with User Engaging Supporting Campaigns. <i>Sustainability</i> , 2018 , 10, 15	3.6	14
80	The Selection of Multicriteria Method Based on Unstructured Decision Problem Description. <i>Lecture Notes in Computer Science</i> , 2014 , 454-465	0.9	14
79	Identification of Players Ranking in E-Sport. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6768	2.6	13
78	Guideline for MCDA Method Selection in Production Management Area. <i>Intelligent Systems Reference Library</i> , 2016 , 119-138	0.8	12
77	Method of Criteria Selection and Weights Calculation in the Process of Web Projects Evaluation. <i>Lecture Notes in Computer Science</i> , 2014 , 684-693	0.9	12
76	STUDY TOWARDS THE TIME-BASED MCDA RANKING ANALYSIS IN A SUPPLIER SELECTION CASE STUDY. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2021 , 19, 381	3.2	11
75	Why TOPSIS does not always give correct results?. <i>Procedia Computer Science</i> , 2020 , 176, 3591-3600	1.6	11
74	Chaotic Dynamical State Variables Selection Procedure Based Image Encryption Scheme. <i>Symmetry</i> , 2017 , 9, 312	2.7	10
73	The Classification of Internet Shop Customers based on the Cluster Analysis and Graph Cellular Automata. <i>Procedia Computer Science</i> , 2017 , 112, 2280-2289	1.6	9
72	Integration of Domain Ontologies in the Repository of Website Evaluation Methods 2015 ,		9
71	Modeling the Impact of Visual Components on Verbal Communication in Online Advertising. <i>Lecture Notes in Computer Science</i> , 2015 , 44-53	0.9	9
70	An Ontology-Based Knowledge Representation of MCDA Methods. <i>Lecture Notes in Computer Science</i> , 2016 , 54-64	0.9	9
69	Application of Hill Climbing Algorithm in Determining the Characteristic Objects Preferences Based on the Reference Set of Alternatives. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 341-351	0.5	9
68	The Search of the Optimal Preference Values of the Characteristic Objects by Using Particle Swarm Optimization in the Uncertain Environment. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 353-363	0.5	9
67	Finding an Approximate Global Optimum of Characteristic Objects Preferences by Using Simulated Annealing. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 365-375	0.5	9
66	Knowledge Management in Website Quality Evaluation Domain. <i>Lecture Notes in Computer Science</i> , 2015 , 75-85	0.9	8
65	Swimming progression evaluation by assessment model based on the COMET method. <i>Procedia Computer Science</i> , 2020 , 176, 3514-3523	1.6	8
64	Mobile System of Decision-Making on Road Threats. <i>Procedia Computer Science</i> , 2017 , 112, 1737-1746	1.6	8

63	Integration of Eye-Tracking Based Studies into e-Commerce Websites Evaluation Process with eQual and TOPSIS Methods. <i>Lecture Notes in Business Information Processing</i> , 2017 , 56-80	0.6	8
62	Research on the Properties of the AHP in the Environment of Inaccurate Expert Evaluations. <i>Springer Proceedings in Business and Economics</i> , 2016 , 227-243	0.2	8
61	Comparative study of ICT and SIS measurement in Polish households using a MCDA-based approach. <i>Procedia Computer Science</i> , 2019 , 159, 2616-2628	1.6	7
60	Integrated Approach to e-Commerce Websites Evaluation with the Use of Surveys and Eye Tracking Based Experiments 2017 ,		7
59	Construction and Restructuring of the Knowledge Repository of Website Evaluation Methods. <i>Lecture Notes in Business Information Processing</i> , 2016 , 29-52	0.6	6
58	PEQUAL - E-commerce websites quality evaluation methodology		5
57	Selected Issues of Rank Reversal Problem in ANP Method. <i>Springer Proceedings in Business and Economics</i> , 2016 , 203-225	0.2	5
56	Approach to Practical Ontology Design for Supporting COTS Component Selection Processes. <i>Lecture Notes in Computer Science</i> , 2013 , 245-255	0.9	5
55	Web Projects Evaluation Using the Method of Significant Website Assessment Criteria Detection. <i>Lecture Notes in Computer Science</i> , 2016 , 167-188	0.9	5
54	Identification of a Multi-criteria Assessment Model of Relation Between Editorial and Commercial Content in Web Systems. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 295-305	0.4	4
53	MCDA-based Approach to Sustainable Supplier Selection		4
52	Statistical and analytical approach of multi-criteria group decision-making based on the correlation coefficient under intuitionistic 2-tuple fuzzy linguistic environment. <i>Expert Systems With Applications</i> , 2022 , 193, 116341	7.8	4
51	Online Comparison System with Certain and Uncertain Criteria Based on Multi-criteria Decision Analysis Method. <i>Lecture Notes in Computer Science</i> , 2017 , 579-589	0.9	4
50	A Cellular Automaton Based System for Traffic Analyses on the Roundabout. <i>Lecture Notes in Computer Science</i> , 2017 , 56-65	0.9	4
49	Ontology learning methods from text - an extensive knowledge-based approach. <i>Procedia Computer Science</i> , 2020 , 176, 3356-3368	1.6	4
48	Sustainable cities and communities assessment using the DARIA-TOPSIS method. <i>Sustainable Cities and Society</i> , 2022 , 83, 103926	10.1	4
47	Dynamic Decision Support in the Internet Marketing Management. <i>Lecture Notes in Computer Science</i> , 2018 , 39-68	0.9	3
46	Towards Knowledge Handling in Sustainable Management Domain. <i>Procedia Computer Science</i> , 2019 , 159, 1591-1601	1.6	3

45	Application of VMCM method (Vector Measure Construction Methods) to estimate consumer quality of life in EU countries from a dynamic perspective. <i>Procedia Computer Science</i> , 2019 , 159, 2404-2413	1.6	3
44	Application of the Fair Secret Exchange Protocols in the Distribution of Electronic Invoices. <i>Procedia Computer Science</i> , 2017 , 112, 1819-1828	1.6	3
43	New Pythagorean Entropy Measure with Application in Multi-Criteria Decision Analysis.. <i>Entropy</i> , 2021 , 23,	2.8	3
42	How to Apply Fuzzy MISO PID in the Industry? An Empirical Study Case on Simulation of Crane Relocating Containers. <i>Electronics (Switzerland)</i> , 2020 , 9, 2017	2.6	3
41	Eye Tracking Based Experimental Evaluation of the Parameters of Online Content Affecting the Web User Behaviour. <i>Springer Proceedings in Business and Economics</i> , 2016 , 311-332	0.2	3
40	On Graph Structures in Fuzzy Environment Using Optimization Parameter. <i>IEEE Access</i> , 2021 , 9, 75699-75711	3.1	3
39	The Temporal Supplier Evaluation Model Based on Multicriteria Decision Analysis Methods. <i>Lecture Notes in Computer Science</i> , 2017 , 432-442	0.9	2
38	Ontology Supporting Green Supplier Selection Process. <i>Procedia Computer Science</i> , 2019 , 159, 1602-1613	1.6	2
37	Parametrization of Spreading Processes Within Complex Networks with the Use of Knowledge Acquired from Network Samples. <i>Procedia Computer Science</i> , 2019 , 159, 2279-2293	1.6	2
36	MCDCA-based Decision Support System for Sustainable Management [RES Case Study		2
35	Multi-criteria decision making approach to production line optimization. <i>Procedia Computer Science</i> , 2020 , 176, 3820-3830	1.6	2
34	Multi-Criteria Seed Selection for Targeting Multi-Attribute Nodes in Complex Networks. <i>Symmetry</i> , 2021 , 13, 731	2.7	2
33	An ANN Model Trained on Regional Data in the Prediction of Particular Weather Conditions. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4757	2.6	2
32	A Novel Multi-Criteria Group Decision-Making Approach Based on Bonferroni and Heronian Mean Operators under Hesitant 2-Tuple Linguistic Environment. <i>Mathematics</i> , 2021 , 9, 1489	2.3	2
31	OONIS [Object-Oriented Network Infection Simulator. <i>SoftwareX</i> , 2021 , 14, 100675	2.7	2
30	Multi-criteria approach to viral marketing campaign planning in social networks, based on real networks, network samples and synthetic networks 2019 ,		2
29	Towards the RES Development: Multi-Criteria Assessment of Energy Storage Devices 2021 ,		2
28	pyrepo-mcda [Reference objects based MCDCA software package. <i>SoftwareX</i> , 2022 , 19, 101107	2.7	2

27	Using PEQUAL Methodology in Auction Platforms Evaluation Process. <i>Lecture Notes in Business Information Processing</i> , 2017 , 222-241	0.6	1
26	Measuring the Impact of Intrusive Online Marketing Content on Consumer Choice with the Eye Tracking. <i>Springer Proceedings in Business and Economics</i> , 2017 , 353-363	0.2	1
25	Identification of reference multi criteria domain model - Production line optimization case study. <i>Procedia Computer Science</i> , 2020 , 176, 3794-3801	1.6	1
24	Towards standardization in frameworks, tools and approaches dedicated to ontology building and management. <i>Procedia Computer Science</i> , 2020 , 176, 3345-3355	1.6	1
23	Hierarchical Representation of Website Evaluation Model Using Survey and Perceptual Based Criteria. <i>Lecture Notes in Business Information Processing</i> , 2018 , 229-248	0.6	1
22	Dynamic MCDA Approach to Multilevel Decision Support in Online Environment. <i>Lecture Notes in Computer Science</i> , 2016 , 553-564	0.9	1
21	Transformations of Standardized MLP Models and Linguistic Data in the Computerized Decision Support System. <i>Intelligent Systems Reference Library</i> , 2016 , 213-231	0.8	1
20	Swimmer Assessment Model (SWAM): Expert System Supporting Sport Potential Measurement. <i>IEEE Access</i> , 2022 , 10, 5051-5068	3.5	1
19	Multi-criteria Approach to Planning of Information Spreading Processes Focused on Their Initialization with the Use of Sequential Seeding. <i>Lecture Notes in Business Information Processing</i> , 2020 , 116-134	0.6	1
18	A fuzzy assessment model for freestyle swimmers - a comparative analysis of the MCDA methods. <i>Procedia Computer Science</i> , 2021 , 192, 4148-4157	1.6	1
17	Modeling the Perceptual Response from Effects Oriented Web Components Towards Lower Intrusiveness. <i>Procedia Computer Science</i> , 2016 , 96, 147-158	1.6	1
16	An Attempt to Knowledge Conceptualization of Methods and Tools Supporting Ontology Evaluation Process. <i>Procedia Computer Science</i> , 2018 , 126, 2238-2247	1.6	1
15	Sustainable Decision Making Using a Consensus Model for Consistent Hesitant Fuzzy Preference Relations Water Allocation Management Case Study. <i>Symmetry</i> , 2020 , 12, 1957	2.7	0
14	Study on objectivity of mobile phone preferences: the MCDA analysis. <i>Procedia Computer Science</i> , 2021 , 192, 5067-5080	1.6	0
13	Can weighting methods provide similar results in MCDA problems? Selection of energetic materials study case. <i>Procedia Computer Science</i> , 2021 , 192, 4592-4601	1.6	0
12	Towards proper consumer choices - MCDM based product selection. <i>Procedia Computer Science</i> , 2021 , 192, 1347-1358	1.6	0
11	How to determine complex MCDM model in the COMET method? Automotive sport measurement case study. <i>Procedia Computer Science</i> , 2021 , 192, 376-386	1.6	0
10	Multicriteria Selection of Online Advertising Content for the Habituation Effect Reduction. <i>Lecture Notes in Computer Science</i> , 2019 , 499-509	0.9	

9	An Ontology Supporting Multiple-Criteria Decision Analysis Method Selection. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 89-99	0.5
8	Exploitation of Web Resources Towards Increased Conversions and Effectiveness. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 97-107	0.5
7	Comparative Study of Different MCDA-Based Approaches in Sustainable Supplier Selection Problem. <i>Lecture Notes in Business Information Processing</i> , 2019 , 176-193	0.6
6	Algorithms Effectiveness comparison in solving Nonogram boards. <i>Procedia Computer Science</i> , 2021 , 192, 1885-1893	1.6
5	Multi-criteria Seed Selection for Targeted Influence Maximization Within Social Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 454-461	0.9
4	The COMET Method: Study Case of Swimming Training Progress. <i>Studies in Systems, Decision and Control</i> , 2022 , 153-168	0.8
3	MCDA Based Swimmers Performance Measurement System. <i>Communications in Computer and Information Science</i> , 2022 , 530-545	0.3
2	Towards Reliable Results - A Comparative Analysis of Selected MCDA Techniques in the Camera Selection Problem. <i>Lecture Notes in Business Information Processing</i> , 2022 , 143-165	0.6
1	Can MCDA Methods Be Useful in E-commerce Systems? Comparative Study Case. <i>Communications in Computer and Information Science</i> , 2022 , 546-562	0.3