Jaroslaw Watrbski

List of Publications by Year in Descending Order

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	Swimmer Assessment Model (SWAM): Expert System Supporting Sport Potential Measurement. *IEEE Access*, **2022**, 10, 5051-5068	3.5	1
115	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	7.8	4
114	The COMET Method: Study Case of Swimming Training Progress. *Studies in Systems, Decision and Control*, **2022**, 153-168	0.8	
113	MCDA Based Swimmers Performance Measurement System. *Communications in Computer and Information Science*, **2022**, 530-545	0.3	
112	Towards Reliable Results - A Comparative Analysis of Selected MCDA Techniques in the Camera Selection Problem. *Lecture Notes in Business Information Processing*, **2022**, 143-165	0.6	
111	Can MCDA Methods Be Useful in E-commerce Systems? Comparative Study Case. *Communications in Computer and Information Science*, **2022**, 546-562	0.3	
110	pyrepo-mcda Reference objects based MCDA software package. *SoftwareX*, **2022**, 19, 101107	2.7	2
109	Sustainable cities and communities assessment using the DARIA-TOPSIS method. *Sustainable Cities and Society*, **2022**, 83, 103926	10.1	4
108	New Pythagorean Entropy Measure with Application in Multi-Criteria Decision Analysis.. *Entropy*, **2021**, 23,	2.8	3
107	A fuzzy assessment model for freestyle swimmers - a comparative analysis of the MCDA methods. *Procedia Computer Science*, **2021**, 192, 4148-4157	1.6	1
106	Study on objectivity of mobile phone preferences: the MCDA analysis. *Procedia Computer Science*, **2021**, 192, 5067-5080	1.6	0
105	Can weighting methods provide similar results in MCDA problems? Selection of energetic materials study case. *Procedia Computer Science*, **2021**, 192, 4592-4601	1.6	0
104	STUDY TOWARDS THE TIME-BASED MCDA RANKING ANALYSIS A SUPPLIER SELECTION CASE STUDY. *Facta Universitatis, Series: Mechanical Engineering*, **2021**, 19, 381	3.2	11
103	Multi-Criteria Seed Selection for Targeting Multi-Attribute Nodes in Complex Networks. *Symmetry*, **2021**, 13, 731	2.7	2
102	An ANN Model Trained on Regional Data in the Prediction of Particular Weather Conditions. *Applied Sciences (Switzerland)*, **2021**, 11, 4757	2.6	2
101	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	2.3	2
100	OONIS Object-Oriented Network Infection Simulator. *SoftwareX*, **2021**, 14, 100675	2.7	2

99	Methodical Aspects of MCDM Based E-Commerce Recommender System. *Journal of Theoretical and Applied Electronic Commerce Research*, **2021**, 16, 2192-2229	4.1	20
98	Best-Worst method and Hamacher aggregation operations for intuitionistic 2-tuple linguistic sets. *Expert Systems With Applications*, **2021**, 181, 115088	7.8	53
97	Algorithms Effectiveness comparison in solving Nonogram boards. *Procedia Computer Science*, **2021**, 192, 1885-1893	1.6	
96	Towards proper consumer choices - MCDM based product selection. *Procedia Computer Science*, **2021**, 192, 1347-1358	1.6	0
95	Multi-criteria Seed Selection for Targeted Influence Maximization Within Social Networks. *Lecture Notes in Computer Science*, **2021**, 454-461	0.9	
94	How to determine complex MCDM model in the COMET method? Automotive sport measurement case study. *Procedia Computer Science*, **2021**, 192, 376-386	1.6	0
93	On Graph Structures in Fuzzy Environment Using Optimization Parameter. *IEEE Access*, **2021**, 9, 75699-75711	3.5	3
92	Towards the RES Development: Multi-Criteria Assessment of Energy Storage Devices **2021**,		2
91	Sustainable Decision Making Using a Consensus Model for Consistent Hesitant Fuzzy Preference Relations Water Allocation Management Case Study. *Symmetry*, **2020**, 12, 1957	2.7	0
90	A Fuzzy Inference System for Players Evaluation in Multi-Player Sports: The Football Study Case. *Symmetry*, **2020**, 12, 2029	2.7	26
89	Identification of reference multi criteria domain model - Production line optimization case study. *Procedia Computer Science*, **2020**, 176, 3794-3801	1.6	1
88	Swimming progression evaluation by assessment model based on the COMET method. *Procedia Computer Science*, **2020**, 176, 3514-3523	1.6	8
87	Towards standardization in frameworks, tools and approaches dedicated to ontology building and management. *Procedia Computer Science*, **2020**, 176, 3345-3355	1.6	1
86	A Robust q-Rung Orthopair Fuzzy Information Aggregation Using Einstein Operations with Application to Sustainable Energy Planning Decision Management. *Energies*, **2020**, 13, 2155	3.1	58
85	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	2.7	51
84	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	0.6	1
83	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	9
82	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	9

81	Finding an Approximate Global Optimum of Characteristic Objects Preferences by Using Simulated Annealing. *Smart Innovation, Systems and Technologies*, **2020**, 365-375	0.5	9
80	Are MCDA Methods Benchmarkable? A Comparative Study of TOPSIS, VIKOR, COPRAS, and PROMETHEE II Methods. *Symmetry*, **2020**, 12, 1549	2.7	118
79	Why TOPSIS does not always give correct results?. *Procedia Computer Science*, **2020**, 176, 3591-3600	1.6	11
78	Ontology learning methods from text - an extensive knowledge-based approach. *Procedia Computer Science*, **2020**, 176, 3356-3368	1.6	4
77	Multi-criteria decision making approach to production line optimization. *Procedia Computer Science*, **2020**, 176, 3820-3830	1.6	2
76	Identification of Players Ranking in E-Sport. *Applied Sciences (Switzerland)*, **2020**, 10, 6768	2.6	13
75	Intuitionistic Fuzzy Sets in Multi-Criteria Group Decision Making Problems Using the Characteristic Objects Method. *Symmetry*, **2020**, 12, 1382	2.7	26
74	How to Apply Fuzzy MISO PID in the Industry? An Empirical Study Case on Simulation of Crane Relocating Containers. *Electronics (Switzerland)*, **2020**, 9, 2017	2.6	3
73	Identification of Relevant Criteria Set in the MCDA Process Wind Farm Location Case Study. *Energies*, **2020**, 13, 6548	3.1	31
72	Multicriteria Selection of Online Advertising Content for the Habituation Effect Reduction. *Lecture Notes in Computer Science*, **2019**, 499-509	0.9	
71	Generalised framework for multi-criteria method selection. *Omega*, **2019**, 86, 107-124	7.2	216
70	Multicriteria Approach to Sustainable Transport Evaluation under Incomplete Knowledge: Electric Bikes Case Study. *Sustainability*, **2019**, 11, 3314	3.6	41
69	Comparative study of ICT and SIS measurement in Polish households using a MCDA-based approach. *Procedia Computer Science*, **2019**, 159, 2616-2628	1.6	7
68	Towards Knowledge Handling in Sustainable Management Domain. *Procedia Computer Science*, **2019**, 159, 1591-1601	1.6	3
67	Ontology Supporting Green Supplier Selection Process. *Procedia Computer Science*, **2019**, 159, 1602-1613	1.6	2
66	Parametrization of Spreading Processes Within Complex Networks with the Use of Knowledge Acquired from Network Samples. *Procedia Computer Science*, **2019**, 159, 2279-2293	1.6	2
65	Application of VMCM method (Vector Measure Construction Methods) to estimate consumers quality of life in EU countries dynamic perspective. *Procedia Computer Science*, **2019**, 159, 2404-2413	1.6	3
64	Comparative Study of Different MCDA-Based Approaches in Sustainable Supplier Selection Problem. *Lecture Notes in Business Information Processing*, **2019**, 176-193	0.6	

63	Multi-criteria approach to viral marketing campaign planning in social networks, based on real networks, network samples and synthetic networks **2019**,		2
62	Generalised framework for multi-criteria method selection: Rule set database and exemplary decision support system implementation blueprints. *Data in Brief*, **2019**, 22, 639-642	1.2	38
61	A gradual approach for maximising user conversion without compromising experience with high visual intensity website elements. *Internet Research*, **2019**, 29, 194-217	4.8	35
60	Hierarchical Representation of Website Evaluation Model Using Survey and Perceptual Based Criteria. *Lecture Notes in Business Information Processing*, **2018**, 229-248	0.6	1
59	Dynamic Decision Support in the Internet Marketing Management. *Lecture Notes in Computer Science*, **2018**, 39-68	0.9	3
58	Decision Making with Uncertainty Using Hesitant Fuzzy Sets. *International Journal of Fuzzy Systems*, **2018**, 20, 93-103	3.6	133
57	Hesitant Probabilistic Multiplicative Preference Relations in Group Decision Making. *Applied Sciences (Switzerland)*, **2018**, 8, 398	2.6	32
56	Towards Sustainability in Viral Marketing with User Engaging Supporting Campaigns. *Sustainability*, **2018**, 10, 15	3.6	14
55	Handling Data Uncertainty in Decision Making with COMET **2018**,		22
54	Decision-Making using the Hesitant Fuzzy Sets COMET Method: An Empirical Study of the Electric City Buses Selection **2018**,		25
53	An Attempt to Knowledge Conceptualization of Methods and Tools Supporting Ontology Evaluation Process. *Procedia Computer Science*, **2018**, 126, 2238-2247	1.6	1
52	Multi-criteria decision support for planning and evaluation of performance of viral marketing campaigns in social networks. *PLoS ONE*, **2018**, 13, e0209372	3.7	35
51	An Index to Measure the Sustainable Information Society: The Polish Households Case. *Sustainability*, **2018**, 10, 3223	3.6	35
50	Using PEQUAL Methodology in Auction Platforms Evaluation Process. *Lecture Notes in Business Information Processing*, **2017**, 222-241	0.6	1
49	The Temporal Supplier Evaluation Model Based on Multicriteria Decision Analysis Methods. *Lecture Notes in Computer Science*, **2017**, 432-442	0.9	2
48	The Classification of Internet Shop Customers based on the Cluster Analysis and Graph Cellular Automata. *Procedia Computer Science*, **2017**, 112, 2280-2289	1.6	9
47	Measuring the Impact of Intrusive Online Marketing Content on Consumer Choice with the Eye Tracking. *Springer Proceedings in Business and Economics*, **2017**, 353-363	0.2	1
46	Using the PROSA Method in Offshore Wind Farm Location Problems. *Energies*, **2017**, 10, 1755	3.1	59

45	Mobile System of Decision-Making on Road Threats. *Procedia Computer Science*, **2017**, 112, 1737-1746	1.6	8
44	Application of the Fair Secret Exchange Protocols in the Distribution of Electronic Invoices. *Procedia Computer Science*, **2017**, 112, 1819-1828	1.6	3
43	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	0.4	4
42	Integrated Approach to e-Commerce Websites Evaluation with the Use of Surveys and Eye Tracking Based Experiments **2017**,		7
41	Sustainable Decision-Making using the COMET Method: An Empirical Study of the Ammonium Nitrate Transport Management **2017**,		25
40	Multi-Criteria Analysis of Electric Vans for City Logistics. *Sustainability*, **2017**, 9, 1453	3.6	65
39	Group Decision-Making for Hesitant Fuzzy Sets Based on Characteristic Objects Method. *Symmetry*, **2017**, 9, 136	2.7	79
38	Intuitionistic-Fuzzy Goals in Zero-Sum Multi Criteria Matrix Games. *Symmetry*, **2017**, 9, 158	2.7	17
37	Chaotic Dynamical State Variables Selection Procedure Based Image Encryption Scheme. *Symmetry*, **2017**, 9, 312	2.7	10
36	Cellular Automaton to Study the Impact of Changes in Traffic Rules in a Roundabout: A Preliminary Approach. *Applied Sciences (Switzerland)*, **2017**, 7, 742	2.6	18
35	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	0.6	8
34	Online Comparison System with Certain and Uncertain Criteria Based on Multi-criteria Decision Analysis Method. *Lecture Notes in Computer Science*, **2017**, 579-589	0.9	4
33	A Cellular Automaton Based System for Traffic Analyses on the Roundabout. *Lecture Notes in Computer Science*, **2017**, 56-65	0.9	4
32	Dynamic MCDA Approach to Multilevel Decision Support in Online Environment. *Lecture Notes in Computer Science*, **2016**, 553-564	0.9	1
31	An Ontology Supporting Multiple-Criteria Decision Analysis Method Selection. *Smart Innovation, Systems and Technologies*, **2016**, 89-99	0.5	
30	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	26
29	Transformations of Standardized MLP Models and Linguistic Data in the Computerized Decision Support System. *Intelligent Systems Reference Library*, **2016**, 213-231	0.8	1
28	Guideline for MCDA Method Selection in Production Management Area. *Intelligent Systems Reference Library*, **2016**, 119-138	0.8	12

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27	Multistage performance modelling in digital marketing management. *Economics and Sociology*, **2016**, 9, 101-125	2.7	19
26	Selected Issues of Rank Reversal Problem in ANP Method. *Springer Proceedings in Business and Economics*, **2016**, 203-225	0.2	5
25	Construction and Restructuring of the Knowledge Repository of Website Evaluation Methods. *Lecture Notes in Business Information Processing*, **2016**, 29-52	0.6	6
24	Identification of a Multi-criteria Model of Location Assessment for Renewable Energy Sources. *Lecture Notes in Computer Science*, **2016**, 321-332	0.9	24
23	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	0.9	19
22	An Ontology-Based Knowledge Representation of MCDA Methods. *Lecture Notes in Computer Science*, **2016**, 54-64	0.9	9
21	Web Projects Evaluation Using the Method of Significant Website Assessment Criteria Detection. *Lecture Notes in Computer Science*, **2016**, 167-188	0.9	5
20	Exploitation of Web Resources Towards Increased Conversions and Effectiveness. *Smart Innovation, Systems and Technologies*, **2016**, 97-107	0.5	
19	Green Energy for a Green City—A Multi-Perspective Model Approach. *Sustainability*, **2016**, 8, 702	3.6	38
18	Outline of Multicriteria Decision-making in Green Logistics. *Transportation Research Procedia*, **2016**, 16, 537-552	2.4	33
17	Research on the Properties of the AHP in the Environment of Inaccurate Expert Evaluations. *Springer Proceedings in Business and Economics*, **2016**, 227-243	0.2	8
16	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	0.2	3
15	The Characteristic Objects Method: A New Intelligent Decision Support Tool for Sustainable Manufacturing. *Smart Innovation, Systems and Technologies*, **2016**, 349-359	0.5	21
14	Green Supplier Selection Framework Based on Multi-Criteria Decision-Analysis Approach. *Smart Innovation, Systems and Technologies*, **2016**, 361-371	0.5	21
13	Fuzzy multi-objective modeling of effectiveness and user experience in online advertising. *Expert Systems With Applications*, **2016**, 65, 315-331	7.8	45
12	Modeling the Perceptual Response from Effects Oriented Web Components Towards Lower Intrusiveness. *Procedia Computer Science*, **2016**, 96, 147-158	1.6	1
11	Knowledge Management in Website Quality Evaluation Domain. *Lecture Notes in Computer Science*, **2015**, 75-85	0.9	8
10	Integration of Domain Ontologies in the Repository of Website Evaluation Methods **2015**,		9