Andrii Shekhovtsov

List of Publications by Year in Descending Order

32 papers	403 citations	12 h-index	19 g-index
37 ext. papers	579 ext. citations	1.9 avg, IF	5.1 L-index

#	Paper	IF	Citations
32	Swimmer Assessment Model (SWAM): Expert System Supporting Sport Potential Measurement. *IEEE Access*, **2022**, 10, 5051-5068	3.5	1
31	MCDA Based Swimmers Performance Measurement System. *Communications in Computer and Information Science*, **2022**, 530-545	0.3	
30	Why Does the Choice of Normalization Technique Matter in Decision-Making. *Studies in Systems, Decision and Control*, **2022**, 107-120	0.8	1
29	Can MCDA Methods Be Useful in E-commerce Systems? Comparative Study Case. *Communications in Computer and Information Science*, **2022**, 546-562	0.3	
28	Asymptotic Analysis of Low Energy Extremals with Convergence in Variable Exponent Lebesgue Spaces. *Fractal and Fractional*, **2022**, 6, 128	3	
27	Study of Transformed Networks via Zagreb Connection Indices. *Information (Switzerland)*, **2022**, 13, 179	2.6	
26	How to Make Decisions with Uncertainty Using Hesitant Fuzzy Sets?. *Lecture Notes in Networks and Systems*, **2022**, 763-771	0.5	1
25	New Pythagorean Entropy Measure with Application in Multi-Criteria Decision Analysis.. *Entropy*, **2021**, 23,	2.8	3
24	Decision-Making Problems with Local Extremes: Comparative Study Case. *Lecture Notes in Computer Science*, **2021**, 453-462	0.9	
23	The Usage of Possibility Degree in the Multi-criteria Decision-Analysis Problems. *Lecture Notes in Computer Science*, **2021**, 330-341	0.9	0
22	How strongly do rank similarity coefficients differ used in decision making problems?. *Procedia Computer Science*, **2021**, 192, 4570-4577	1.6	1
21	STUDY TOWARDS THE TIME-BASED MCDA RANKING ANALYSIS A SUPPLIER SELECTION CASE STUDY. *Facta Universitatis, Series: Mechanical Engineering*, **2021**, 19, 381	3.2	11
20	Similarity Analysis of Methods for Objective Determination of Weights in Multi-Criteria Decision Support Systems. *Symmetry*, **2021**, 13, 1874	2.7	3
19	On the Analytic Hierarchy Process Structure in Group Decision-Making Using Incomplete Fuzzy Information with Applications. *Symmetry*, **2021**, 13, 609	2.7	18
18	A New Approach to Eliminate Rank Reversal in the MCDA Problems. *Lecture Notes in Computer Science*, **2021**, 338-351	0.9	14
17	A New Consistency Coefficient in the Multi-criteria Decision Analysis Domain. *Lecture Notes in Computer Science*, **2021**, 715-727	0.9	6
16	A New Approach to Identifying of the Optimal Preference Values in the MCDA Model: Cat Swarm Optimization Study Case. *Smart Innovation, Systems and Technologies*, **2021**, 265-274	0.5	

15	Methodical Aspects of MCDM Based E-Commerce Recommender System. *Journal of Theoretical and Applied Electronic Commerce Research*, **2021**, 16, 2192-2229	4.1	20
14	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	3.1	13
13	New Rank-Reversal Free Approach to Handle Interval Data in MCDA Problems. *Lecture Notes in Computer Science*, **2021**, 458-472	0.9	5
12	Toward Reliability in the MCDA Rankings: Comparison of Distance-Based Methods. *Smart Innovation, Systems and Technologies*, **2021**, 321-329	0.5	0
11	Towards the RES Development: Multi-Criteria Assessment of Energy Storage Devices **2021**,		2
10	A New Entropy Measurement for the Analysis of Uncertain Data in MCDA Problems Using Intuitionistic Fuzzy Sets and COPRAS Method. *Axioms*, **2021**, 10, 335	1.6	2
9	A Fuzzy Inference System for Players Evaluation in Multi-Player Sports: The Football Study Case. *Symmetry*, **2020**, 12, 2029	2.7	26
8	Do distance-based multi-criteria decision analysis methods create similar rankings?. *Procedia Computer Science*, **2020**, 176, 3718-3729	1.6	12
7	Are MCDA Methods Benchmarkable? A Comparative Study of TOPSIS, VIKOR, COPRAS, and PROMETHEE II Methods. *Symmetry*, **2020**, 12, 1549	2.7	118
6	Fuzzy Model Identification Using Monolithic and Structured Approaches in Decision Problems with Partially Incomplete Data. *Symmetry*, **2020**, 12, 1541	2.7	26
5	Efficiency of Methods for Determining the Relevance of Criteria in Sustainable Transport Problems: A Comparative Case Study. *Sustainability*, **2020**, 12, 7915	3.6	32
4	A comparative case study of the VIKOR and TOPSIS rankings similarity. *Procedia Computer Science*, **2020**, 176, 3730-3740	1.6	35
3	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
2	Handling Data Uncertainty in Decision Making with COMET **2018**,		22
1	Decision-Making using the Hesitant Fuzzy Sets COMET Method: An Empirical Study of the Electric City Buses Selection **2018**,		25