# Andrii Shekhovtsov

## List of Publications by Citations

| 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 | Are MCDA Methods Benchmarkable? A Comparative Study of TOPSIS, VIKOR, COPRAS, and PROMETHEE II Methods. *Symmetry*, **2020**, 12, 1549 | 2.7 | 118 |
| 31 | A comparative case study of the VIKOR and TOPSIS rankings similarity. *Procedia Computer Science*, **2020**, 176, 3730-3740 | 1.6 | 35 |
| 30 | Efficiency of Methods for Determining the Relevance of Criteria in Sustainable Transport Problems: A Comparative Case Study. *Sustainability*, **2020**, 12, 7915 | 3.6 | 32 |
| 29 | A Fuzzy Inference System for Players Evaluation in Multi-Player Sports: The Football Study Case. *Symmetry*, **2020**, 12, 2029 | 2.7 | 26 |
| 28 | Fuzzy Model Identification Using Monolithic and Structured Approaches in Decision Problems with Partially Incomplete Data. *Symmetry*, **2020**, 12, 1541 | 2.7 | 26 |
| 27 | Decision-Making using the Hesitant Fuzzy Sets COMET Method: An Empirical Study of the Electric City Buses Selection **2018**, | | 25 |
| 26 | Handling Data Uncertainty in Decision Making with COMET **2018**, | | 22 |
| 25 | Methodical Aspects of MCDM Based E-Commerce Recommender System. *Journal of Theoretical and Applied Electronic Commerce Research*, **2021**, 16, 2192-2229 | 4.1 | 20 |
| 24 | On the Analytic Hierarchy Process Structure in Group Decision-Making Using Incomplete Fuzzy Information with Applications. *Symmetry*, **2021**, 13, 609 | 2.7 | 18 |
| 23 | A New Approach to Eliminate Rank Reversal in the MCDA Problems. *Lecture Notes in Computer Science*, **2021**, 338-351 | 0.9 | 14 |
| 22 | 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 |
| 21 | Do distance-based multi-criteria decision analysis methods create similar rankings?. *Procedia Computer Science*, **2020**, 176, 3718-3729 | 1.6 | 12 |
| 20 | STUDY TOWARDS THE TIME-BASED MCDA RANKING ANALYSIS ẞA SUPPLIER SELECTION CASE STUDY. *Facta Universitatis, Series: Mechanical Engineering*, **2021**, 19, 381 | 3.2 | 11 |
| 19 | A New Consistency Coefficient in the Multi-criteria Decision Analysis Domain. *Lecture Notes in Computer Science*, **2021**, 715-727 | 0.9 | 6 |
| 18 | New Rank-Reversal Free Approach to Handle Interval Data in MCDA Problems. *Lecture Notes in Computer Science*, **2021**, 458-472 | 0.9 | 5 |
| 17 | New Pythagorean Entropy Measure with Application in Multi-Criteria Decision Analysis.. *Entropy*, **2021**, 23, | 2.8 | 3 |
| 16 | Similarity Analysis of Methods for Objective Determination of Weights in Multi-Criteria Decision Support Systems. *Symmetry*, **2021**, 13, 1874 | 2.7 | 3 |

# LIST OF PUBLICATIONS

| | | | |
|---|---|---|---|
| 15 | 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 |
| 14 | Towards the RES Development: Multi-Criteria Assessment of Energy Storage Devices **2021**, | | 2 |
| 13 | 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 |
| 12 | Swimmer Assessment Model (SWAM): Expert System Supporting Sport Potential Measurement. *IEEE Access*, **2022**, 10, 5051-5068 | 3.5 | 1 |
| 11 | How strongly do rank similarity coefficients differ used in decision making problems?. *Procedia Computer Science*, **2021**, 192, 4570-4577 | 1.6 | 1 |
| 10 | Why Does the Choice of Normalization Technique Matter in Decision-Making. *Studies in Systems, Decision and Control*, **2022**, 107-120 | 0.8 | 1 |
| 9 | How to Make Decisions with Uncertainty Using Hesitant Fuzzy Sets?. *Lecture Notes in Networks and Systems*, **2022**, 763-771 | 0.5 | 1 |
| 8 | The Usage of Possibility Degree in the Multi-criteria Decision-Analysis Problems. *Lecture Notes in Computer Science*, **2021**, 330-341 | 0.9 | 0 |
| 7 | Toward Reliability in the MCDA Rankings: Comparison of Distance-Based Methods. *Smart Innovation, Systems and Technologies*, **2021**, 321-329 | 0.5 | 0 |
| 6 | Decision-Making Problems with Local Extremes: Comparative Study Case. *Lecture Notes in Computer Science*, **2021**, 453-462 | 0.9 | |
| 5 | 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 | |
| 4 | MCDA Based Swimmers Performance Measurement System. *Communications in Computer and Information Science*, **2022**, 530-545 | 0.3 | |
| 3 | Can MCDA Methods Be Useful in E-commerce Systems? Comparative Study Case. *Communications in Computer and Information Science*, **2022**, 546-562 | 0.3 | |
| 2 | Asymptotic Analysis of Low Energy Extremals with Γ-Convergence in Variable Exponent Lebesgue Spaces. *Fractal and Fractional*, **2022**, 6, 128 | 3 | |
| 1 | Study of Transformed Networks via Zagreb Connection Indices. *Information (Switzerland)*, **2022**, 13, 179 | 2.6 | |