

# Rubanenko Olena

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3669364/publications.pdf>

Version: 2024-02-01

48  
papers

236  
citations

1684188

5  
h-index

1720034

7  
g-index

49  
all docs

49  
docs citations

49  
times ranked

70  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Distribution of Wind Power Generation Dependently of Meteorological Factors. , 2020, , .  |     | 21        |
| 2  | Distribution Energy Generation using Renewable Energy Sources. , 2020, , .  |     | 19        |
| 3  | Assessment of the Power Quality in Electric Networks with Wind Power Plants. , 2020, , .  |     | 14        |
| 4  | Hydroelectric Power Generation for Compensation Instability of Non-guaranteed Power Plants. , 2020, , .   |     | 14        |
| 5  | Protection of DC Microgrids Based on Differential Protection Method by Fuzzy Systems. , 2021, , .   |     | 14        |
| 6  | Analysis of instability generation of Photovoltaic power station. , 2020, , .   |     | 12        |
| 7  | Influence of Solar Power Plants on 0.4 kV Consumers. , 2019, , .  |     | 11        |
| 8  | Fuzzy Tuned PID Controller for Envisioned Agricultural Manipulator. International Journal of Automation and Computing, 2021, 18, 568-580.   | 4.5 | 8         |
| 9  | Determination of optimal transformation ratios of power system transformers in conditions of incomplete information regarding the values of diagnostic parameters. Eastern-European Journal of Enterprise Technologies, 2017, 4, 66-79. | 0.5 | 8         |
| 10 | Accounting For The Effect Of PV Panel Dustiness On System Performance With Correction For Panel Cleaning For Matlab Simulink. , 2021, , .   |     | 8         |
| 11 | Determination of Normative Value Power Losses in Distribution power grids with Renewable Energy Sources using Criterion Method. , 2020, , .   |     | 7         |
| 12 | Renewable Energy Generation and Impacts on E-Mobility. Journal of Physics: Conference Series, 2020, 1457, 012009.   | 0.4 | 7         |
| 13 | Analysis of ANPCI & DCMLI fed to PMSM Drive for Electric Vehicles. , 2020, , .  |     | 7         |
| 14 | Analysis of Three-level Diode Clamped Inverter for Grid-connected Renewable Energy Sources. , 2019, , .   |     | 6         |
| 15 | Optimal Determination Method of the Transposition Steps of An Extra-High Voltage Power Transmission Line. Energies, 2021, 14, 6791.   | 3.1 | 6         |
| 16 | The Sensitivity of the Model of the Process Making the Optimal Decision for Electric Power Systems in Relative Units. , 2020, , .   |     | 6         |
| 17 | Control of the Sectioned Electrical Network Modes with Renewable Energy Sources. , 2021, , .  |     | 5         |
| 18 | Determination of similarity criteria in optimization tasks by means of neuro-fuzzy modelling. Przegląd Elektrotechniczny, 2017, 1, 95-98.   | 0.2 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The sensitivity of the process of optimal decisions making in electrical networks with renewable energy sources. <i>Przeład Elektrotechniczny</i> , 2020, 1, 34-40.   | 0.2 | 5         |
| 20 | Assessment of the Effect of Corona Discharge on Synchronous Generator Self-Excitation. <i>Energies</i> , 2022, 15, 2024.  | 3.1 | 5         |
| 21 | Fuzzy Tuned PID Controller for Vibration Control of Agricultural Manipulator. , 2020, , .   |     | 4         |
| 22 | Planning of the experiment for the defining of the technical state of the transformer by using amplitude-frequency characteristic. <i>Przeład Elektrotechniczny</i> , 2020, 1, 121-126.                               | 0.2 | 4         |
| 23 | Measures and technical means for increasing efficiency and reliability of extra high voltage transmission lines. <i>Przeład Elektrotechniczny</i> , 2020, 1, 137-143.   | 0.2 | 4         |
| 24 | Justification and development of methods building curves boundary deformation of metals. <i>Materials Today: Proceedings</i> , 2021, 38, 3337-3344.   | 1.8 | 3         |
| 25 | Predicting the Power Generation from Renewable Energy Sources by using ANN. , 2021, , .   |     | 3         |
| 26 | Performance Analysis of FEM Solvers on Practical Electromagnetic Problems. <i>Periodica Polytechnica Electrical Engineering and Computer Science</i> , 2021, 65, 113-122.   | 1.0 | 3         |
| 27 | Principle of the least action in models and algorithms optimization of the conditions of the electric power system. <i>Przeład Elektrotechniczny</i> , 2020, 1, 90-96.  | 0.2 | 3         |
| 28 | Improving the Energy Efficiency of RES in the Electricity Balance of Power Systems. , 2021, , .   |     | 3         |
| 29 | Criterion modelling of the process of redundancy of renewable energy sources power generation instability by electrochemical accumulators. <i>Computational Problems of Electrical Engineering</i> , 2021, 11, 12-17. | 0.2 | 3         |
| 30 | Battery Energy Storage Technologies for Sustainable Electric Vehicles and Grid Applications. <i>Journal of Physics: Conference Series</i> , 2020, 1495, 012014.   | 0.4 | 2         |
| 31 | Analysis of the distributed power generation with focus on power plant technical conditions. , 2021, , .  |     | 2         |
| 32 | Autoparametric Self-Excitation of Even Harmonics in Extra High Voltage Transmission Lines. , 2021, , .  |     | 2         |
| 33 | The Method of Monitoring of the State of Insulation for Operational DC Grids in Power Plants and Substations. , 2019, , .   |     | 1         |
| 34 | Analysis of Development Directions of Online Diagnostics of Synchronous Generator. <i>Przeład Elektrotechniczny</i> , 2021, 1, 22-28.   | 0.2 | 1         |
| 35 | Optimal Techno-economic Sequence-based Set of Diagnostic Tests for Distribution Transformers Using Genetic Algorithm. <i>Periodica Polytechnica Electrical Engineering and Computer Science</i> , 2020, 64, 406-411.  | 1.0 | 1         |
| 36 | Balancing electricity generation and consumption in a system with renewable energy sources. , 2021, , .   |     | 1         |

