

Rubanenko Olena

List of Publications by Year in descending order

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70
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Assessment of the Effect of Corona Discharge on Synchronous Generator Self-Excitation. Energies, 2022, 15, 2024. | 3.1 | 5 |
| 2 | Визначення впливу коронного розряду на режим самобудовування синхронного генератора. Вісник Львівського національного університету імені Івана Франка. Енергетика, 2022, 15, 2024. | | |
| 3 | Justification and development of methods building curves boundary deformation of metals. Materials Today: Proceedings, 2021, 38, 3337-3344. | 1.8 | 3 |
| 4 | Control of the Sectioned Electrical Network Modes with Renewable Energy Sources. , 2021, , . | | 5 |
| 5 | Analysis of Development Directions of Online Diagnostics of Synchronous Generator. Przegląd Elektrotechniczny, 2021, 1, 22-28. | 0.2 | 1 |
| 6 | Predicting the Power Generation from Renewable Energy Sources by using ANN. , 2021, , . | | 3 |
| 7 | Performance Analysis of FEM Solvers on Practical Electromagnetic Problems. Periodica Polytechnica Electrical Engineering and Computer Science, 2021, 65, 113-122. | 1.0 | 3 |
| 8 | OPTIMAL SOLUTIONS SENSITIVITY ANALYSIS IN COMPLEX SYSTEMS IN RELATIVE UNITS. , 2021, , 111-118. | | 0 |
| 9 | Analysis of the distributed power generation with focus on power plant technical conditions. , 2021, , . | | 2 |
| 10 | Fuzzy Tuned PID Controller for Envisioned Agricultural Manipulator. International Journal of Automation and Computing, 2021, 18, 568-580. | 4.5 | 8 |
| 11 | Autoparametric Self-Excitation of Even Harmonics in Extra High Voltage Transmission Lines. , 2021, , . | | 2 |
| 12 | Optimal Determination Method of the Transposition Steps of An Extra-High Voltage Power Transmission Line. Energies, 2021, 14, 6791. | 3.1 | 6 |
| 13 | Protection of DC Microgrids Based on Differential Protection Method by Fuzzy Systems. , 2021, , . | | 14 |
| 14 | Balancing electricity generation and consumption in a system with renewable energy sources. , 2021, , . | | 1 |
| 15 | Determination of Technical Condition of the Power Transformer by Frequency Response Analysis Method. , 2021, , . | | 0 |
| 16 | Accounting For The Effect Of PV Panel Dustiness On System Performance With Correction For Panel Cleaning For Matlab Simulink. , 2021, , . | | 8 |
| 17 | DETERMINATION OF THE TECHNICAL CONDITION OF THE ELECTRIC MOTOR UNDER INCOMPLETE INITIAL DATA CONDITIONS. Engineering Energy Transport Aic, 2021, , 136-148. | 0.2 | 0 |
| 18 | Improving the Energy Efficiency of RES in the Electricity Balance of Power Systems. , 2021, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Industriesâ€™ Bioeconomic Transformation as the Mechanism of Sustainable Development. SHS Web of Conferences, 2021, 126, 02002. | 0.2 | 1 |
| 20 | Criterion modelling of the process of redundancy of renewable energy sources power generation instability by electrochemical accumulators. Computational Problems of Electrical Engineering, 2021, 11, 12-17. | 0.2 | 3 |
| 21 | Research processes of oil and paper insulation of high-voltage equipment during operation. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 22 | Fuzzy Tuned PID Controller for Vibration Control of Agricultural Manipulator. , 2020, , . | | 4 |
| 23 | Assessment of the Power Quality in Electric Networks with Wind Power Plants. , 2020, , . | | 14 |
| 24 | Analysis of instability generation of Photovoltaic power station. , 2020, , . | | 12 |
| 25 | Battery Energy Storage Technologies for Sustainable Electric Vehicles and Grid Applications. Journal of Physics: Conference Series, 2020, 1495, 012014. | 0.4 | 2 |
| 26 | Dielectric properties analysis of paper capacitor. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 27 | Determination of Normative Value Power Losses in Distribution power grids with Renewable Energy Sources using Criterion Method. , 2020, , . | | 7 |
| 28 | Renewable Energy Generation and Impacts on E-Mobility. Journal of Physics: Conference Series, 2020, 1457, 012009. | 0.4 | 7 |
| 29 | Planning of the experiment for the defining of the technical state of the transformer by using amplitude-frequency characteristic. Przegląd Elektrotechniczny, 2020, 1, 121-126. | 0.2 | 4 |
| 30 | Optimal Techno-economic Sequence-based Set of Diagnostic Tests for Distribution Transformers Using Genetic Algorithm. Periodica Polytechnica Electrical Engineering and Computer Science, 2020, 64, 406-411. | 1.0 | 1 |
| 31 | Hydroelectric Power Generation for Compensation Instability of Non-guaranteed Power Plants. , 2020, , . | | 14 |
| 32 | DETERMINATION OF RESS GENERATION USING ARTIFICIAL NEURAL NETWORKS. Vestnik Nacionalnogo TehniÄeskogo Universiteta HPI Änergetika: NadeÄnost I ÄnergoÄffektivnost, 2020, , 76-83. | 0.2 | 0 |
| 33 | Control of Sectioning Distributed Power Grids with Renewable Energy Sources. Visnyk of Vinnytsia Politechnical Institute, 2020, 149, 42-49. | 0.1 | 1 |
| 34 | Principle of the least action in models and algorithms optimization of the conditions of the electric power system. Przegląd Elektrotechniczny, 2020, 1, 90-96. | 0.2 | 3 |
| 35 | The instability analysis of electricity generation of renewable energy sources, taking into account their technical condition. Lighting Engineering & Power Engineering, 2020, 3, 108-116. | 0.2 | 0 |
| 36 | The sensitivity of the process of optimal decisions making in electrical networks with renewable energy sources. Przegląd Elektrotechniczny, 2020, 1, 34-40. | 0.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The Sensitivity of the Model of the Process Making the Optimal Decision for Electric Power Systems in Relative Units. , 2020, , . | | 6 |
| 38 | Analysis of ANPCI & DCMLI fed to PMSM Drive for Electric Vehicles. , 2020, , . | | 7 |
| 39 | Distribution Energy Generation using Renewable Energy Sources. , 2020, , . | | 19 |
| 40 | Distribution of Wind Power Generation Dependently of Meteorological Factors. , 2020, , . | | 21 |
| 41 | Measures and technical means for increasing efficiency and reliability of extra high voltage transmission lines. Przegląd Elektrotechniczny, 2020, 1, 137-143. | 0.2 | 4 |
| 42 | Influence of Solar Power Plants on 0.4 kV Consumers. , 2019, , . | | 11 |
| 43 | Analysis of Three-level Diode Clamped Inverter for Grid-connected Renewable Energy Sources. , 2019, , . | | 6 |
| 44 | The Method of Monitoring of the State of Insulation for Operational DC Grids in Power Plants and Substations. , 2019, , . | | 1 |
| 45 | Planning of maintenance of power transformers on the results of control of their frequency characteristics. Lighting Engineering & Power Engineering, 2019, 3, 92-98. | 0.2 | 0 |
| 46 | 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 |
| 47 | Determination of similarity criteria in optimization tasks by means of neuro-fuzzy modelling. Przegląd Elektrotechniczny, 2017, 1, 95-98. | 0.2 | 5 |
| 48 | Determination PV Module Technical Condition. Renewable Energy and Power Quality Journal, 0, 19, 604-608. | 0.2 | 0 |