

Vladimir Rudnik

List of Publications by Year in descending order

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17
papers

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2258059

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34
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel approach for relays tuning using detailed mathematical model of electric power system. International Journal of Electrical Power and Energy Systems, 2022, 135, 107572.	5.5	2
2	Hybrid tools of generating unit simulation for proper tuning of automatic voltage regulators: concept, development and validation. Electrical Engineering, 2022, 104, 1591-1606.	2.0	2
3	The use of HRTSim to optimize the control parameters of fast turbine valving control. Electrical Engineering, 2021, 103, 1105-1113.	2.0	0
4	A Hybrid Simulation of Converter-Interfaced Generation as the Part of a Large-Scale Power System Model. International Journal of Engineering and Technology Innovation, 2021, 11, 278-293.	1.2	14
5	Comprehensive Validation of Transient Stability Calculations in Electric Power Systems and Hardware-Software Tool for Its Implementation. IEEE Access, 2020, 8, 136071-136091.	4.2	13
6	Research, Development and Application of Hybrid Model of Back-to-Back HVDC Link. IEEE Access, 2020, 8, 174860-174870.	4.2	0
7	A Hybrid Model of Type-4 Wind Turbine " Concept and Implementation for Power System Simulation. , 2020, , .		4
8	Impact of the configuration and condition of the power system on the damping of low-frequency oscillations. Australian Journal of Electrical and Electronics Engineering, 2020, 17, 286-290.	1.2	0
9	Application of the LVRT function for the correct functioning of wind farms. AIP Conference Proceedings, 2020, , .	0.4	0
10	Analysis of application of back-to-back HVDC system in Tomsk electric power system. Energy Reports, 2020, 6, 438-444.	5.1	10
11	The Effect of Temperature Change on the Output Characteristics of a Solar Power Plant under Partial Shading Conditions. International Journal of Emerging Electric Power Systems, 2020, 21, .	0.8	0
12	Full Probabilistic Characteristics of Power Losses in the Electrical Power System Branches. EEA - Electrotehnica, Electronica, Automatica, 2020, 68, 32-40.	0.4	1
13	Study of the Impact of Processes in Electric Power Systems with RES on the Operation of Numerical Differential Transformer Protection. , 2020, , .		1
14	Researching of a setting emergency unloading technique of turbo-generator. AIP Conference Proceedings, 2019, , .	0.4	1
15	Application of hybrid real-time simulation concept for modeling of HVDC back-to-back link. AIP Conference Proceedings, 2019, , .	0.4	0
16	Novel Method For Numerical Transformer Differential Protection Setting Up Using Its Detailed Mathematical Model. , 2019, , .		2
17	Analysis of dynamic behavior of the back-to-back High Voltage Direct Current link model as part of electrical power system. MATEC Web of Conferences, 2017, 141, 01046.	0.2	1