Tatiana S Gabderakhmanova

List of Publications by Year
in descending order

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19 papers	117 citations	1478505 6 h-index	1474206 9 g-index
19 all docs	19 docs citations	19 times ranked	60 citing authors

#	Article	IF	Citations
1	Demonstrations of DC Microgrid and Virtual Power Plant Technologies on the Danish Island of Bornholm. , 2020, , .		21
2	Double-String Battery System with Reconfigurable Cell Topology Operated as a Fast Charging Station for Electric Vehicles. Energies, 2021, 14, 2414.	3.1	21
3	Empirical Validation of a Biogas Plant Simulation Model and Analysis of Biogas Upgrading Potentials. Energies, 2021, 14, 2424.	3.1	17
4	Reconfigurable Stationary Battery with Adaptive Cell Switching for Electric Vehicle Fast-Charging. , 2020, , .		12
5	Comparative Analysis of Simulation Models for Network Photovoltaic Power Plants. Applied Solar Energy (English Translation of Geliotekhnika), 2020, 56, 212-218.	1.6	8
6	Influence of realistic EV fleet response with power and energy controllers in an EV-wind virtual power plant. Sustainable Energy, Grids and Networks, 2022, 31, 100704.	3.9	8
7	Renewable energy in the Russian Arctic: Environmental challenges, opportunities and risks. Journal of Physics: Conference Series, 2020, 1565, 012086.	0.4	7
8	Some Aspects of Renewable Energy Development in the Arctic Zone of the Russian Federation. Alternative Energy and Ecology (ISJAEE), 2016, , 41-53.	0.2	6
9	Biogas Plant Modelling for Flexibility Provision in the Power System of Bornholm Island. , 2020, , .		5
10	Competitiveness Analysis Results for Photovoltaic Microgeneration Systems in the Russian Federation. Doklady Physics, 2019, 64, 245-248.	0.7	4
11	Multi-Energy System Demonstration Pilots on Geographical Islands: An Overview across Europe. Energies, 2022, 15, 3908.	3.1	3
12	Efficiency Characteristic of a High-Power Reconfigurable Battery with Series-Connected Topology. , 2022, , .		3
13	Energy production estimation for Kosh-Agach grid-tie photovoltaic power plant for different photovoltaic module types. Journal of Physics: Conference Series, 2016, 774, 012140.	0.4	2
14	Estimation of solar energy resources for low salinity water desalination in several regions of Russia. Journal of Physics: Conference Series, 2018, 946, 012036.	0.4	0
15	Energy potential from biomass wastes analysis at the regional level. MATEC Web of Conferences, 2018, 178, 09003.	0.2	0
16	Cold engine cranking by means of modern energy storage devices - physical simulation. MATEC Web of Conferences, 2018, 178, 09012.	0.2	0
17	The problems of solar energy systems monitoring in Russia. Vestnik Ã›Å¾no-UralÊ¹skogo Gosudarstvennogo Universiteta: SeriÃ¢ Ãˆnergetika, 2015, 15, 54-60.	1.4	0
18	Renewable energy technologies application for the oil and gas industry in the Arctic Zone of the Russian Federation. , 2019, , 24-30.		0

#	Article	IF	Citations
19	Battery Storage Demonstration Projects An Overview Across Europe. , 2021, , .		0