

Yang Si

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Rolling Horizon Optimization Framework for Resilient Restoration of Active Distribution Systems. <i>Energies</i> , 2022, 15, 3096.	3.1	3
2	Economic Optimization Dispatch Model of a Micro-Network with a Solar-Assisted Compressed Air Energy Storage Hub, with Consideration of Its Operationally Feasible Region. <i>Processes</i> , 2022, 10, 963.	2.8	1
3	Numerical Study on Hydrodynamic Characteristics and Electrochemical Performance of Alkaline Water Electrolyzer by Micro-Nano Surface Electrode. <i>Materials</i> , 2022, 15, 4927.	2.9	1
4	Game Approach to HDR-TS-PV Hybrid Power System Dispatching. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 914.	2.5	5
5	Enhancement in photoelectric performance of dye-sensitized solar cells with inverted pyramid structures based on nanoimprint lithography. <i>AIP Advances</i> , 2021, 11, .	1.3	5
6	Electricity-Heat-Hydrogen Modeling of Hydrogen Storage System Considering Off-Design Characteristics. <i>IEEE Access</i> , 2021, 9, 156768-156777.	4.2	10
7	Equivalent Firm Capacity Assessment of HDR-PV Hybrid Power System: A Distributionally Robust Approach. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	0
8	Modeling the Heat-Hydrogen Balance Characteristic of Hydrogen Energy Storage and Cooperative Dispatch of Wind-Hydrogen Hybrid System. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	1
9	Adaptive Robust SMC-Based AGC Auxiliary Service Control for ESS-Integrated PV/Wind Station. <i>Complexity</i> , 2020, 2020, 1-10.	1.6	7
10	Thermodynamic Analysis of a Hybrid Trigenerative Compressed Air Energy Storage System with Solar Thermal Energy. <i>Entropy</i> , 2020, 22, 764.	2.2	4
11	The Value and Optimal Sizes of Energy Storage Units in Solar-Assist Cogeneration Energy Hubs. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4994.	2.5	7
12	The Design of Near-Perfect Spectrum-Selective Mirror Based on Photonic Structures for Passive Cooling of Silicon Solar Cells. <i>Nanomaterials</i> , 2020, 10, 2483.	4.1	6
13	A comparative thermodynamic analysis of Kalina and organic Rankine cycles for hot dry rock: a prospect study in the Gonghe Basin. <i>Frontiers in Energy</i> , 2020, 14, 889-900.	2.3	8
14	Optimal Capacity Allocation of Integrated Agricultural Energy Network with Enhanced Geothermal System Considering Seasonal Differences. , 2020, , .		2
15	Adsorption behavior of Pd-doped SnS ₂ monolayer upon H ₂ and C ₂ H ₂ for dissolved gas analysis in transformer oil. <i>Adsorption</i> , 2019, 25, 1587-1594.	3.0	18
16	Anatase TiO ₂ nanocrystals via dihydroxy bis (ammonium lactato) titanium (IV) acidic hydrolysis and its performance in dye-sensitized solar cells. <i>Journal of Porous Materials</i> , 2018, 25, 1499-1504.	2.6	2
17	Experimental study of solar chimney power plant system. , 2017, , .		2
18	Consensus control strategy with state predictor for virtual synchronous generators in isolated microgrid. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	A comprehensive consensus-based distributed control strategy for grid-connected PV-VSG. , 2016, , .		7