

Menglian Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

339
citations

1040056

9
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Serpentine flow field with changing rib width for enhancing electrolyte penetration uniformity in redox flow batteries. <i>Journal of Energy Storage</i> , 2022, 49, 104135.	8.1	12
2	Operational Reliability Evaluation of Distributed Multi-energy Systems Considering Optimal Control of Energy Storages. , 2021, , .		2
3	Variable current strategy for boosting the effective energy capacity in vanadium redox flow batteries. <i>Journal of Energy Storage</i> , 2020, 27, 101058.	8.1	7
4	Adjustable insulation for enhancing the performance of phase change materials in buildings. <i>International Journal of Energy Research</i> , 2020, 44, 3674-3686.	4.5	5
5	Pathways Toward Enhanced Techno-Economic Performance of Flow Battery Systems in Energy System Applications. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2019, 16, .	2.1	19
6	Equivalent Modeling of Inverter Air Conditioners for Providing Frequency Regulation Service. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 1413-1423.	7.9	83
7	Three-dimensional detached serpentine flow field design for redox flow batteries. <i>Journal of Power Sources</i> , 2019, 428, 136-145.	7.8	25
8	No-mixing design of vanadium redox flow battery for enhanced effective energy capacity. <i>Journal of Energy Storage</i> , 2019, 23, 278-291.	8.1	23
9	Flow field design pathways from lab-scale toward large-scale flow batteries. <i>Energy</i> , 2019, 173, 637-646.	8.8	48
10	Dispatch strategies of distributed tri-generation system in the context of energy internet. , 2019, , .		1
11	Collaborative Optimization of Resident Load Based on Cloud-edge-terminal. , 2019, , .		3
12	Understanding cost reduction of China's biomass direct combustion power generationâ€”A study based on learning curve model. <i>Journal of Cleaner Production</i> , 2018, 188, 546-555.	9.3	17
13	Dynamic control strategy for the electrolyte flow rate of vanadium redox flow batteries. <i>Applied Energy</i> , 2018, 227, 613-623.	10.1	66
14	Flow-Rate Optimization and Economic Analysis of Vanadium Redox Flow Batteries in a Load-Shifting Application. <i>Journal of Energy Engineering - ASCE</i> , 2017, 143, .	1.9	17
15	Model-based optimization for combined interdigitated and serpentine flow field in redox flow batteries. <i>International Journal of Green Energy</i> , 0, , 1-12.	3.8	2