

Xiang-Ping Chen

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

165
citations

1477746

6
h-index

1199166

12
g-index

25
all docs

25
docs citations

25
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and simulation of a distributed power generation system with energy storage to meet dynamic household electricity demand. <i>Applied Thermal Engineering</i> , 2013, 50, 523-535.	3.0	42
2	Artificial Intelligence-Aided Model Predictive Control for a Grid-Tied Wind-Hydrogen-Fuel Cell System. <i>IEEE Access</i> , 2020, 8, 92418-92430.	2.6	32
3	Renewable energy-fed switched reluctance motor for PV pump applications. , 2014, , .		20
4	GA Optimization Method for a Multi-Vector Energy System Incorporating Wind, Hydrogen, and Fuel Cells for Rural Village Applications. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3554.	1.3	8
5	A Bio-Fuel Power Generation System With Hybrid Energy Storage Under a Dynamic Programming Operation Strategy. <i>IEEE Access</i> , 2019, 7, 64966-64977.	2.6	7
6	Coordinated Control of a Wind-Methanol-Fuel Cell System with Hydrogen Storage. <i>Energies</i> , 2017, 10, 2053.	1.6	6
7	High Efficiency Solar Power Generation with Improved Discontinuous Pulse Width Modulation (DPWM) Overmodulation Algorithms. <i>Energies</i> , 2019, 12, 1765.	1.6	6
8	Energetic macroscopic representation control method for a hybrid-source energy system including wind, hydrogen, and fuel cell. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, .	0.8	5
9	Predictive Trajectory-Based Mobile Data Gathering Scheme for Wireless Sensor Networks. <i>Complexity</i> , 2021, 2021, 1-17.	0.9	5
10	New Adaptive Control Strategy for a Wind Turbine Permanent Magnet Synchronous Generator (PMSG). <i>Inventions</i> , 2021, 6, 3.	1.3	5
11	Artificial Neural Network-Aided Energy Management Scheme for Unlocking Demand Response. , 2020, , .		4
12	Efficiency Optimization Control of an IPMSM Drive System for Electric Vehicles (EVs). <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 2716-2733.	1.6	4
13	Diagnosis of rotor demagnetization and eccentricity faults for IPMSM based on deep CNN and image recognition. <i>Complex & Intelligent Systems</i> , 2022, 8, 5469-5488.	4.0	4
14	Optimal Control for a Wind-Hydrogen-Fuel Cell Multi-Vector Energy System. , 2019, , .		3
15	Active Disturbance Rejection Control of a Longitudinal Tunnel Ventilation System. <i>Energies</i> , 2020, 13, 1871.	1.6	3
16	Research on Fault Diagnosis of IPMSM for Electric Vehicles Based on Multi-Level Feature Fusion SPP Network. <i>Symmetry</i> , 2021, 13, 1844.	1.1	3
17	A novel battery charging control scheme for on-board charger integrated switched reluctance motor drive. , 2014, , .		2
18	Investigation of a CHP-EES based on Dymola. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	An adaptive control for supporting village power grid integrating residential PV power generation. Energy Reports, 2022, 8, 3350-3359.	2.5	2
20	Rapid detection system for pesticide residue based on embedded technology. , 2016, , .		1
21	Observer Design for Nonlinear Invertible System from the View of Both Local and Global Levels. Applied Sciences (Switzerland), 2020, 10, 7966.	1.3	1
22	GA-Aided Power Flow Management in a Multi-Vector Energy System. , 2019, , .		0
23	Wind Power Prediction Based On Multi-Algorithm Fusion Optimization Model. , 2020, , .		0
24	Noniterative WLS design of digital FIR filters for aliasing errors cancellation in bandwidth interleaving digital-to-analog converter. IEICE Electronics Express, 2022, 19, 20210507-20210507.	0.3	0
25	Solar Energy Compensation for Building Energy Saving with Thermal Comfort in a Cold Climate. Electronics (Switzerland), 2022, 11, 491.	1.8	0