

Wenxi Yao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

373
citations

1874746
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14
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical analysis of dynamic safe operation area of very large capacity lead-acid battery. Journal of Energy Storage, 2021, 36, 102389.	3.9	4
2	Vector analysis of inverse objective function for electrochemical impedance spectroscopy of big capacity lead-acid battery. Journal of Energy Storage, 2021, 40, 102828.	3.9	1
3	Fast lock-in amplifier electrochemical impedance spectroscopy for big capacity lead-acid battery. Journal of Energy Storage, 2021, 40, 102693.	3.9	5
4	Failure Warning at the End of Service-Life of Lead-Acid Batteries for Backup Applications. Applied Sciences (Switzerland), 2020, 10, 5760.	1.3	5
5	DC Voltage Ripple Optimization of a Single-Stage Solid-State Transformer Based on the Modular Multilevel Matrix Converter. IEEE Transactions on Power Electronics, 2020, 35, 12801-12815.	5.4	35
6	Directional DC Charge-Transfer Resistance on an Electrode-Electrolyte Interface in an AC Nyquist Curve on Lead-Acid Battery. Applied Sciences (Switzerland), 2020, 10, 1907.	1.3	3
7	Communication-Characteristic Charge Transfer Resistance of Electrodes on Lead-Acid Batteries. Journal of the Electrochemical Society, 2020, 167, 040515.	1.3	3
8	Stability analysis and improvement of V/Hz controlled adjustable speed drives equipped with small DC-link thin film capacitors. , 2018, , .		8
9	H-bridge floating capacitor voltage stability conditions analysis based on a modified hybrid multilevel converter. , 2016, , .		0
10	Regenerating Mode Stability Improvements for Combined Voltage and Current Mode Flux Observer in Speed Sensorless Induction Machine Control. IEEE Transactions on Industry Applications, 2014, 50, 2564-2573.	3.3	18
11	Circulating Harmonic Current Elimination of a CPS-PWM-Based Modular Multilevel Converter With a Plug-In Repetitive Controller. IEEE Transactions on Power Electronics, 2014, 29, 2083-2097.	5.4	257
12	Stability Analysis and Mitigation of Oscillation in an Induction Machine. IEEE Transactions on Industry Applications, 2014, 50, 3767-3776.	3.3	21
13	Novel Five-Level Three-Phase Hybrid-Clamped Converter with Reduced Components. Journal of Power Electronics, 2014, 14, 1119-1129.	0.9	9
14	Current regulated pulse width modulation controller impact on low speed performances of industrial encoderless adjustable speed drives under sliding mode variable structures. , 2012, , .		4