

Sadam Hussain

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a Smarter Battery Management System for Electric Vehicle Applications: A Critical Review of Lithium-Ion Battery State of Charge Estimation. <i>Energies</i> , 2019, 12, 446.	1.6	255
2	A Real-Time Bi-Adaptive Controller-Based Energy Management System for Battery-“Supercapacitor Hybrid Electric Vehicles. <i>Energies</i> , 2019, 12, 4662.	1.6	44
3	A Novel Supercapacitor/Lithium-Ion Hybrid Energy System with a Fuzzy Logic-Controlled Fast Charging and Intelligent Energy Management System. <i>Electronics (Switzerland)</i> , 2018, 7, 63.	1.8	39
4	Multi-Level Energy Management Systems Toward a Smarter Grid: A Review. <i>IEEE Access</i> , 2021, 9, 71994-72016.	2.6	36
5	Online Remaining Useful Life Prediction for Lithium-Ion Batteries Using Partial Discharge Data Features. <i>Energies</i> , 2019, 12, 4366.	1.6	33
6	An Optimized Methodology for a Hybrid Photo-Voltaic and Energy Storage System Connected to a Low-Voltage Grid. <i>Electronics (Switzerland)</i> , 2019, 8, 176.	1.8	24
7	Dynamic Modeling and Robust Controllers Design for Doubly Fed Induction Generator-Based Wind Turbines under Unbalanced Grid Fault Conditions. <i>Energies</i> , 2019, 12, 454.	1.6	21
8	Effect of Sensors Sensitivity on Lithium-Ion Battery Modeled Parameters and State of Charge: A Comparative Study. <i>Electronics (Switzerland)</i> , 2019, 8, 709.	1.8	15
9	A Comparative Study of Supercapacitor-Based STATCOM in a Grid-Connected Photovoltaic System for Regulating Power Quality Issues. <i>Sustainability</i> , 2020, 12, 6781.	1.6	15
10	Design of a Building-Integrated Photovoltaic System with a Novel Bi-Reflector PV System (BRPVS) and Optimal Control Mechanism: An Experimental Study. <i>Electronics (Switzerland)</i> , 2018, 7, 119.	1.8	13
11	Semiactive Hybrid Energy Management System: A Solution for Electric Wheelchairs. <i>Electronics (Switzerland)</i> , 2019, 8, 345.	1.8	11
12	A Study on Flight Time Enhancement of Unmanned Aerial Vehicles (UAVs) Using Supercapacitor-Based Hybrid Electric Propulsion System (HEPS). <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1179-1198.	1.7	8
13	Is It Necessary to Fully Charge Your Electric Vehicle?. <i>IEEE Access</i> , 2021, 9, 81612-81623.	2.6	0