

Zaheer Farooq

List of Publications by Year in descending order

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14
papers

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citations

1040056

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docs citations

14
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence Integrated Fractional Order Control of Doubly Fed Induction Generator-Based Wind Energy System. IEEE Access, 2021, 9, 5734-5748.	4.2	33
2	Intelligent Energy-Based Modified Super Twisting Algorithm and Fractional Order PID Control for Performance Improvement of PMSG Dedicated to Tidal Power System. IEEE Access, 2021, 9, 57414-57425.	4.2	15
3	Short- and long-term predictions of novel corona virus using mathematical modeling and artificial intelligence methods. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 12, 2150028.	1.4	3
4	Energy-Based Combined Nonlinear Observer and Voltage Controller for a PMSG Using Fuzzy Supervisor High Order Sliding Mode in a Marine Current Power System. Sustainability, 2021, 13, 3737.	3.2	4
5	Fuzzy Supervisory Passivity-Based High Order-Sliding Mode Control Approach for Tidal Turbine-Based Permanent Magnet Synchronous Generator Conversion System. Actuators, 2021, 10, 92.	2.3	7
6	Efficiency Maximization of Grid-Connected Tidal Stream Turbine System: A Supervisory Energy-Based Speed Control Approach with Processor in the Loop Experiment. Sustainability, 2021, 13, 10216.	3.2	1
7	Supervisory energy management of a hybrid battery/PV/tidal/wind sources integrated in DC-microgrid energy storage system. Energy Reports, 2021, 7, 7728-7740.	5.1	50
8	Industrial Grade Adaptive Control Scheme for a Micro-Grid Integrated Dual Active Bridge Driven Battery Storage System. IEEE Access, 2020, 8, 210435-210451.	4.2	14
9	A computationally efficient robust voltage control for a single phase dual active bridge. Energy Reports, 2020, 6, 3346-3356.	5.1	11
10	A Super Twisting Fractional Order Terminal Sliding Mode Control for DFIG-Based Wind Energy Conversion System. Energies, 2020, 13, 2158.	3.1	50
11	Artificial Neural Network Based Adaptive Control of Single Phase Dual Active Bridge With Finite Time Disturbance Compensation. IEEE Access, 2019, 7, 112229-112239.	4.2	20
12	Non Integer Order Modeling and Control of Aerodynamic Load Simulator System. IEEE Access, 2019, 7, 160177-160190.	4.2	2
13	Improving the Hardware Complexity by Exploiting the Reduced Dynamics-Based Fractional Order Systems. IEEE Access, 2017, 5, 7714-7723.	4.2	16
14	Fractional order adaptive fuzzy sliding mode controller for a position servo system subjected to aerodynamic loading and nonlinearities. Aerospace Science and Technology, 2015, 43, 381-387.	4.8	87