Zaheer Farooq

List of Publications by Year
in descending order

14 papers	313 citations	1040056 9 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	250 citing authors

#	Article	IF	Citations
1	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
2	A Super Twisting Fractional Order Terminal Sliding Mode Control for DFIG-Based Wind Energy Conversion System. Energies, 2020, 13, 2158.	3.1	50
3	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
4	Artificial Intelligence Integrated Fractional Order Control of Doubly Fed Induction Generator-Based Wind Energy System. IEEE Access, 2021, 9, 5734-5748.	4.2	33
5	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
6	Improving the Hardware Complexity by Exploiting the Reduced Dynamics-Based Fractional Order Systems. IEEE Access, 2017, 5, 7714-7723.	4.2	16
7	Intelligent Energy-Based Modified Super Twisting Algorithm and Factional Order PID Control for Performance Improvement of PMSG Dedicated to Tidal Power System. IEEE Access, 2021, 9, 57414-57425.	4.2	15
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	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
11	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
12	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
13	Non Integer Order Modeling and Control of Aerodynamic Load Simulator System. IEEE Access, 2019, 7, 160177-160190.	4.2	2
14	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