

Hussain M Bassi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

146
citations

7
h-index

11
g-index

26
ext. papers

219
ext. citations

2.8
avg, IF

3.39
L-index

#	Paper	IF	Citations
21	Estimation of Parameters of Different Equivalent Circuit Models of Solar Cells and Various Photovoltaic Modules Using Hybrid Variants of Honey Badger Algorithm and Artificial Gorilla Troops Optimizer. <i>Mathematics</i> , 2022 , 10, 1057	2.3	4
20	Single Diode Solar Cells Improved Model and Exact Current-Voltage Analytical Solution Based on Lambert W Function. <i>Sensors</i> , 2022 , 22, 4173	3.8	1
19	Space-vector current control of cascaded half-bridge three-phase three-wire voltage source inverter. <i>IET Power Electronics</i> , 2021 , 14, 201-210	2.2	1
18	Method for harvesting solar energy. <i>Journal of Applied Engineering Science</i> , 2021 , 19, 504-514	1.2	1
17	Intelligent Machine Learning With Evolutionary Algorithm Based Short Term Load Forecasting in Power Systems. <i>IEEE Access</i> , 2021 , 9, 100113-100124	3.5	2
16	Economical-technical-environmental operation of power networks with wind-solar-hydropower generation using analytic hierarchy process and improved grey wolf algorithm. <i>Ain Shams Engineering Journal</i> , 2021 , 12, 2717-2734	4.4	23
15	Reducing Fault Current by Using FACTS Devices to Improve Electrical Power Flow. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-9	1.1	1
14	Optimal feature selection using modified cuckoo search for classification of power quality disturbances. <i>Applied Soft Computing Journal</i> , 2021 , 113, 107897	7.5	3
13	Predictive Flux Control for Induction Motor Drives With Modified Disturbance Observer for Improved Transient Response. <i>IEEE Access</i> , 2020 , 8, 112484-112495	3.5	7
12	Dual input switched-capacitor-based single-phase hybrid boost multilevel inverter topology with reduced number of components. <i>IET Power Electronics</i> , 2020 , 13, 881-891	2.2	31
11	Impact of Phase Locked Loop with Different Types and Control Dynamics on Resonance of DFIG System. <i>Energies</i> , 2020 , 13, 1039	3.1	7
10	Switched-capacitor multilevel inverter with self-voltage-balancing for high-frequency power distribution system. <i>IET Power Electronics</i> , 2020 , 13, 1807-1818	2.2	10
9	Design and Implementation of a Hybrid Single T-Type Double H-Bridge Multilevel Inverter (STDH-MLI) Topology. <i>Energies</i> , 2019 , 12, 1810	3.1	14
8	A New Hybrid Multilevel Inverter Topology with Reduced Switch Count and dc Voltage Sources. <i>Energies</i> , 2019 , 12, 977	3.1	10
7	Addendum: Abubakar, U.; Mekhilef, S.; Mokhlis, H.; Seyedmahmoudian, M.; Horan, B.; Stojcevski, A.; Bassi, H.; Rawa, M.J.H. Transient Faults in Wind Energy Conversion Systems: Analysis, Modelling Methodologies and Remedies. <i>Energies</i> 2018, 11, 2249. <i>Energies</i> , 2019 , 12, 286	3.1	
6	A New PWM Technique for Cascade H-Bridge with Reduced Switching Losses 2019 ,		2
5	Hardware Approach to Mitigate the Effects of Module Mismatch in a Grid-connected Photovoltaic System: A Review. <i>Energies</i> , 2019 , 12, 4321	3.1	3

4	Asymmetrical Multilevel Inverter Topology with Reduced Number of Components 2018 ,		6
3	Analysis of LC-LC2 Compensated Inductive Power Transfer for High Efficiency and Load Independent Voltage Gain. <i>Energies</i> , 2018 , 11, 2883	3.1	4
2	Transient Faults in Wind Energy Conversion Systems: Analysis, Modelling Methodologies and Remedies. <i>Energies</i> , 2018 , 11, 2249	3.1	6
1	2010 ,		10