Mohammed Aslam Husain

List of Publications by Year
in descending order

26 papers	372 citations	1040056 9 h-index	940533 16 g-index
26 all docs	26 docs citations	26 times ranked	260 citing authors

#	Article	IF	Citations
1	Equivalent circuit modelling of a three-phase to seven-phase transformer using PSO and GA. Journal of Intelligent and Fuzzy Systems, 2022, 42, 689-698.	1.4	4
2	Power Conversion Techniques Using Multi-Phase Transformer: Configurations, Applications, Issues and Recommendations. Machines, 2022, 10, 13.	2.2	6
3	Intelligent Approach for Performance Investigation of Direct-Drive Generator-Based Wind Energy Conversion System Under Variable Speed Operation. Lecture Notes in Electrical Engineering, 2022, , 471-483.	0.4	1
4	Simulation and Analysis of Everyday Use Electric Vehicle. Algorithms for Intelligent Systems, 2021, , 357-370.	0.6	1
5	Assessment of Meta-Heuristic and Classical Methods for GMPPT of PV System. Transactions on Electrical and Electronic Materials, 2021, 22, 217-234.	1.9	38
6	Electricity demand modeling techniques for hybrid solar PV system. International Journal of Emerging Electric Power Systems, 2021, 22, 607-615.	0.8	7
7	Particle Swarm Optimization based Maximum Power Point Tracking Technique for Solar PV System under Partially Shaded conditions. , 2021, , .		7
8	Transient analysis and selection of perturbation parameters for PV-MPPT implementation. International Journal of Ambient Energy, 2020, 41, 1176-1182.	2.5	10
9	Economic Feasibility Analysis of Solar PV Generation at REC Ambedkar Nagar. , 2019, , .		2
10	An Efficient Separable Reversible Data Hiding Using Paillier Cryptosystem for Preserving Privacy in Cloud Domain. Electronics (Switzerland), 2019, 8, 682.	3.1	12
11	Cryptanalyzing Merkle-Hellman Public Key Cryptosystem with Artificial Neural Networks. , 2019, , .		5
12	Advancements in Reversible Data Hiding in Encrypted Images Using Public Key Cryptography. , 2019, , .		4
13	Fast and precise global maximum power point tracking techniques for photovoltaic system. IET Renewable Power Generation, 2019, 13, 2569-2579.	3.1	27
14	An Efficient Algorithm for Voltage Enhancement in Power System. , 2019, , .		0
15	Performance Study of Proton Exchange Fuel Cells for Different Atmospheric Conditions. , 2019, , .		2
16	Hardware Implementation of Perturb and Observe Maximum Power Point Tracking Algorithm for Solar Photovoltaic System. Transactions on Electrical and Electronic Materials, 2018, 19, 222-229.	1.9	16
17	Realisation of incremental conductance the MPPT algorithm for a solar photovoltaic system. International Journal of Ambient Energy, 2018, 39, 873-884.	2.5	33
18	MRAS based Sensorless Control of Induction Motor based on Rotor Flux. , 2018, , .		5

#	Article	IF	Citations
19	A novel Fast Alterable Duty (FAD) MPPT procedure for Solar PV Hybrid Vehicles. , 2018, , .		1
20	Aspects Involved in the Modeling of PV System, Comparison of MPPT Schemes, and Study of Different Ambient Conditions Using P&O Method. Advances in Intelligent Systems and Computing, 2018, , 285-303.	0.6	3
21	Comparative assessment of maximum power point tracking procedures for photovoltaic systems. Green Energy and Environment, 2017, 2, 5-17.	8.7	128
22	A novel solar PV MPPT scheme utilizing the difference between panel and atmospheric temperature. Renewable Energy Focus, 2017, 19-20, 11-22.	4.5	10
23	A novel fast and accurate temperature tolerant PV Maximum Power Point tracking system. , 2016, , .		3
24	A novel fast mutable duty (FMD) MPPT technique for solar PV system with reduced searching area. Journal of Renewable and Sustainable Energy, 2016, 8, .	2.0	18
25	Modeling and Study of a Standalone PMSG Wind Generation System Using MATLAB/SIMULINK. Universal Journal of Electrical and Electronic Engineering, 2014, 2, 270-277.	0.3	15
26	Simulation and study of a grid connected multilevel converter (MLC) with varying DC input. , 2011, , .		14