Mohd Rafi Adzman

List of Publications by Year
in descending order

25 papers	667 citations	933447 10 h-index	752698 20 g-index
28 all docs	28 docs citations	28 times ranked	644 citing authors

#	Article	IF	Citations
1	A new optimization strategy for wind/diesel/battery hybrid energy system. Energy, 2022, 239, 122458.	8.8	33
2	Impacts of albedo and atmospheric conditions on the efficiency of solar energy: a case study in temperate climate of Choman, Iraq. Environment, Development and Sustainability, 2021, 23, 989-1018.	5.0	6
3	Identifiability Evaluation of Crucial Parameters for Grid Connected Photovoltaic Power Plants Design Optimization. IEEE Access, 2021, 9, 108754-108771.	4.2	11
4	A Review of Fuel Cell to Distribution Network Interface Using D-FACTS: Technical Challenges and Interconnection Trends. International Journal of Electrical and Electronic Engineering and Telecommunications, 2021, , 319-332.	3.6	4
5	Effect of Distributed Generation to the Faults in Medium Voltage Network Using ATP-EMTP Simulation. Lecture Notes in Electrical Engineering, 2021, , 1067-1082.	0.4	0
6	An Integrated of Hydrogen Fuel Cell to Distribution Network System: Challenging and Opportunity for D-STATCOM. Energies, 2021, 14, 7073.	3.1	11
7	Feasibility analysis of grid-connected and islanded operation of a solar PV microgrid system: A case study of Iraq. Energy, 2020, 191, 116591.	8.8	115
8	Optimal Design of Photovoltaic Power Plant Using Hybrid Optimisation: A Case of South Algeria. Energies, 2020, 13, 2776.	3.1	12
9	Energy Management and Optimization of a PV/Diesel/Battery Hybrid Energy System Using a Combined Dispatch Strategy. Sustainability, 2019, 11, 683.	3.2	151
10	Optimal configuration of photovoltaic power plant using grey wolf optimizer: A comparative analysis considering CdTe and c-Si PV modules. Solar Energy, 2019, 188, 247-257.	6.1	31
11	Optimization and sensitivity analysis of standalone hybrid energy systems for rural electrification: A case study of Iraq. Renewable Energy, 2019, 138, 775-792.	8.9	157
12	Evaluation of Denoising Performance for Noisy Arc Fault Signal Based on Mother Wavelet Selection. , 2019, , .		2
13	Implementation of IoT based Electrical Metering System. Journal of Advanced Research in Dynamical and Control Systems, 2019, 11, 894-899.	0.2	0
14	Review of UHF detection of partial discharge experimentation in oil-filled power transformer: Objectives, methodologies and results. AIP Conference Proceedings, 2018, , .	0.4	3
15	Auto-reclose Relay Simulation for Research and Education. , 2018, , .		2
16	Design of Triangle Loop Antenna for Partial Discharge Impulse Signal Detection. , 2018, , .		4
17	SIMULATION ON THE CONDITIONS AFFECTING PARTIAL DISCHARGE INITIATION IN MICROBUBBLE IMMERSED IN DIELECTRIC LIQUID. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	1
18	Whale Optimization Algorithm Based Technique for Distributed Generation Installation in Distribution System. Bulletin of Electrical Engineering and Informatics, 2018, 7, 442-449.	0.8	6

#	Article	IF	Citations
19	Denoising technique for partial discharge signal : A comparison performance between artificial neural network, fast fourier transform and discrete wavelet transform. , 2016, , .		12
20	Techniques on partial discharge detection and location determination in power transformer. , 2016, , .		17
21	Geometrical Shapes Impact on the Performance of ABS-Based Coreless Inductive Sensors for PD Measurement in HV Power Cables. IEEE Sensors Journal, 2016, 16, 6625-6632.	4.7	21
22	Earth fault location based on evaluation of voltage sag at secondary side of medium voltage/low voltage transformers. IET Generation, Transmission and Distribution, 2015, 9, 2069-2077.	2.5	33
23	Diagnosis of MV Oil Filled Cable Terminations with X-Ray Imaging and Infrared (IR) Thermography. American Journal of Applied Sciences, 2007, 4, 168-170.	0.2	1
24	Simplification of Sun Tracking Mode to Gain High Concentration Solar Energy. American Journal of Applied Sciences, 2007, 4, 171-175.	0.2	15
25	Tracking Error Analysis of a Rotation-Elevation Mode Heliostat. American Journal of Applied Sciences, 2007, 4, 176-180.	0.2	3