

# Azhar Ul-Haq

## List of Publications by Year in descending order

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20  
papers

440  
citations

1040056

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h-index

996975

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all docs

20  
docs citations

20  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Penetration of Electric Vehicles in Gulf Region and its Influence on Energy and Economy. IEEE Access, 2021, 9, 89412-89431.	4.2	12
2	Implementation of Smart Grid Technologies in Pakistan under CPEC Project: Technical and Policy Implications. IEEE Access, 2021, 9, 61594-61610.	4.2	6
3	Modeling and Fault Categorization in Thin-Film and Crystalline PV Arrays Through Multilayer Neural Network Algorithm. IEEE Access, 2020, 8, 102235-102255.	4.2	29
4	Solver-Based Mixed Integer Linear Programming (MILP) Based Novel Approach for Hydroelectric Power Generation Optimization. IEEE Access, 2020, 8, 174880-174892.	4.2	8
5	Dynamic Modeling and Heat Flow Study of a Thermal Power Plant Using OpenModelica. IEEE Access, 2020, 8, 178614-178626.	4.2	1
6	Energy Scenario in South Asia: Analytical Assessment and Policy Implications. IEEE Access, 2020, 8, 156190-156207.	4.2	15
7	Electric Transportation in Pakistan Under CPEC Project: Technical Framework and Policy Implications. IEEE Access, 2020, 8, 162394-162420.	4.2	5
8	Enhancement of the Triboelectrification Using Artificial Surface Charges. IEEE Access, 2020, 8, 222556-222561.	4.2	0
9	Frequency Control of SEIG Based Microgrid during Transition from Grid Connected to Island Mode. , 2020, , .		0
10	Comparative Analysis of Photovoltaic Faults and Performance Evaluation of its Detection Techniques. IEEE Access, 2020, 8, 26676-26700.	4.2	43
11	Effects of Compression and Silica Addition on the Dielectric Properties of Epoxy Composites. Arabian Journal for Science and Engineering, 2020, 45, 6741-6750.	3.0	3
12	A Novel Convolutional Neural Network-Based Approach for Fault Classification in Photovoltaic Arrays. IEEE Access, 2020, 8, 41889-41904.	4.2	135
13	Computation of Power Extraction From Photovoltaic Arrays Under Various Fault Conditions. IEEE Access, 2020, 8, 47619-47639.	4.2	25
14	Fuzzy Logic-Based Direct Load Control Scheme for Air Conditioning Load to Reduce Energy Consumption. IEEE Access, 2020, 8, 117413-117427.	4.2	18
15	Cross-Border Power Trade and Grid Interconnection in SAARC Region: Technical Standardization and Power Pool Model. IEEE Access, 2019, 7, 178977-179001.	4.2	5
16	Harmonic Distortion in Distribution System Due to Single-Phase Electric Vehicle Charging. , 2018, , .		4
17	Probabilistic Modeling of Electric Vehicle Charging Pattern Associated with Residential Load for Voltage Unbalance Assessment. Energies, 2017, 10, 1351.	3.1	48
18	Impact of Electric Vehicle Charging on Voltage Unbalance in an Urban Distribution Network. Intelligent Industrial Systems, 2015, 1, 51-60.	1.0	66

#	ARTICLE	IF	CITATIONS
19	On flatness-based control for series-connected VSC for voltage dip mitigation. , 2014, , .		3
20	Smart charging infrastructure for electric vehicles. , 2013, , .		14