

# Khondoker Ziaul Islam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3927472/publications.pdf>

Version: 2024-02-01

13  
papers

185  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Design of a Hybrid Solar PV/BG-Powered Heterogeneous Network. Sustainability, 2022, 14, 2201.	3.2	4
2	Determination of transmission reliability margin for brownout. AIMS Energy, 2021, 9, 1009-1026.	1.9	1
3	Hybrid structure based high performance SPR sensor: a numerical approach of structure optimization for DNA hybridization. Optical and Quantum Electronics, 2021, 53, 1.	3.3	11
4	A Smart Fluorescent Light Spectroscope to Identify the Pork Adulteration for Halal Authentication. Food and Nutrition Sciences (Print), 2021, 12, 73-89.	0.4	2
5	Techno-Economic Analysis of the Hybrid Solar PV/H/Fuel Cell Based Supply Scheme for Green Mobile Communication. Sustainability, 2021, 13, 12508.	3.2	9
6	Renewable Energy-Aware Sustainable Cellular Networks with Load Balancing and Energy-Sharing Technique. Sustainability, 2020, 12, 9340.	3.2	17
7	Numerical development of high performance quasi D-shape PCF-SPR biosensor: An external sensing approach employing gold. Results in Physics, 2020, 18, 103281.	4.1	43
8	Towards Energy Efficient Load Balancing for Sustainable Green Wireless Networks Under Optimal Power Supply. IEEE Access, 2020, 8, 200635-200654.	4.2	18
9	Multi-Objective Optimum Design of Hybrid Renewable Energy System for Sustainable Energy Supply to a Green Cellular Networks. Sustainability, 2020, 12, 3536.	3.2	20
10	Solar PV and Biomass Resources-Based Sustainable Energy Supply for Off-Grid Cellular Base Stations. IEEE Access, 2020, 8, 53817-53840.	4.2	46
11	Determination of transmission reliability margin using AC load flow. AIMS Energy, 2020, 8, 701-720.	1.9	5
12	Performance Evaluation of Cloud Radio Access Network with Hybrid Power Supplies. , 2019, , .		6
13	Improvement in DRX Power Saving for Nonreal-Time Traffic in LTE. ETRI Journal, 2016, 38, 622.	2.0	3