

Md Rafiqul Islam

List of Publications by Year in descending order

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papers

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1478505

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docs citations

9
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-layered surface plasmon resonance-based highly sensitive biosensor for virus detection: A theoretical approach to detect SARS-CoV-2. AIP Advances, 2021, 11, 065023.	1.3	41
2	Tunable Photocatalytic Properties of Planar GaN/GeC Hetero-Bilayer: Production of H ₂ , Fuel. IEEE Access, 2020, 8, 209030-209042.	4.2	19
3	Real-Time Non-Intrusive Electrical Load Classification Over IoT Using Machine Learning. IEEE Access, 2021, 9, 115053-115067.	4.2	12
4	Impact of Channel Thickness on the Performance of GaAs and GaSb DG-JLMOSEFETs: An Atomistic Tight Binding Based Evaluation. IEEE Access, 2021, 9, 117649-117659.	4.2	10
5	Potential Visible-Light Driven PtO ₂ /GaN vdW Hetero-Bilayer Photocatalysts for Water Splitting Using First-Principles. IEEE Access, 2021, 9, 109510-109521.	4.2	10
6	Analyzing the Off-Grid Performance of the Hybrid Photovoltaic/Diesel Energy System for a Peripheral Village. International Journal of Photoenergy, 2020, 2020, 1-15.	2.5	8
7	Projected Performance of InGaAs/GaAs Quantum Dot Solar Cells: Effects of Cap and Passivation Layers. IEEE Access, 2020, 8, 212339-212350.	4.2	4
8	Design and Performance Analysis of Tandem Organic Solar Cells: Effect of Cell Parameter. IEEE Access, 2021, 9, 40665-40680.	4.2	4
9	Reducing Fault Current by Using FACTS Devices to Improve Electrical Power Flow. Mathematical Problems in Engineering, 2021, 2021, 1-9.	1.1	4