

Mohammad Shakeri

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

361
citations

9
h-index

19
g-index

21
ext. papers

531
ext. citations

4.1
avg, IF

3.66
L-index

#	Paper	IF	Citations
20	An intelligent system architecture in home energy management systems (HEMS) for efficient demand response in smart grid. <i>Energy and Buildings</i> , 2017 , 138, 154-164	7	142
19	Implementation of a novel home energy management system (HEMS) architecture with solar photovoltaic system as supplementary source. <i>Renewable Energy</i> , 2018 , 125, 108-120	8.1	55
18	Development of hydrophobic reduced graphene oxide as a new efficient approach for photochemotherapy.. <i>RSC Advances</i> , 2020 , 10, 12851-12863	3.7	28
17	Prospective Efficient Ambient Energy Harvesting Sources for IoT-Equipped Sensor Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 1345	2.6	23
16	An overview on prospects of new generation single-phase transformerless inverters for grid-connected photovoltaic (PV) systems. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 515-530 ^{16.2}	16.2	20
15	An Overview of the Building Energy Management System Considering the Demand Response Programs, Smart Strategies and Smart Grid. <i>Energies</i> , 2020 , 13, 3299	3.1	18
14	Prospective Methodologies in Hybrid Renewable Energy Systems for Energy Prediction Using Artificial Neural Networks. <i>Sustainability</i> , 2021 , 13, 2393	3.6	15
13	An Adaptive TE-PV Hybrid Energy Harvesting System for Self-Powered IoT Sensor Applications. <i>Sensors</i> , 2021 , 21,	3.8	10
12	IoT-Enabled High Efficiency Smart Solar Charge Controller with Maximum Power Point Tracking Design, Hardware Implementation and Performance Testing. <i>Electronics (Switzerland)</i> , 2020 , 9, 1267	2.6	9
11	Self-Sustained Autonomous Wireless Sensor Network with Integrated Solar Photovoltaic System for Internet of Smart Home-Building (IoSHB) Applications. <i>Micromachines</i> , 2021 , 12,	3.3	8
10	Effect of temperature on synthesis of cellulose nanoparticles via ionic liquid hydrolysis process. <i>Journal of Molecular Liquids</i> , 2020 , 308, 113030	6	8
9	. <i>IEEE Access</i> , 2021 , 9, 102137-102152	3.5	8
8	The Effect of Plants on the Energy Output of Green Roof Photovoltaic Systems in Tropical Climates. <i>Sustainability</i> , 2021 , 13, 4505	3.6	7
7	An Autonomous Home Energy Management System Using Dynamic Priority Strategy in Conventional Homes. <i>Energies</i> , 2020 , 13, 3312	3.1	4
6	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. <i>Sustainability</i> , 2021 , 13, 7710	3.6	2
5	A comprehensive study and performance analysis of deep neural network-based approaches in wind time-series forecasting. <i>Journal of Reliable Intelligent Environments</i> , ¹	2.4	1
4	Design and Implementation of an IoT-Enabled Smart Plug Socket for Home Energy Management 2021 ,		1

3	Transformation of Conventional Houses to Smart Homes by Adopting Demand Response Program in Smart Grid 2018 ,		1
2	Assessment of Suitable Areas for Smart Grid of Power Generated from Renewable Energy Resources in Western Uganda. <i>Energies</i> , 2022 , 15, 1595	3.1	0
1	Mechanism of Photoanodes for Dye-Sensitized and Perovskite Solar Cells. <i>Handbook of Environmental Chemistry</i> , 2020 , 25-44		0.8