

# Mohammad Shakeri

## List of Publications by Year in Descending Order

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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	Assessment of Suitable Areas for Smart Grid of Power Generated from Renewable Energy Resources in Western Uganda. <i>Energies</i> , <b>2022</b> , 15, 1595	3.1	0
19	An Adaptive TE-PV Hybrid Energy Harvesting System for Self-Powered IoT Sensor Applications. <i>Sensors</i> , <b>2021</b> , 21,	3.8	10
18	The Effect of Plants on the Energy Output of Green Roof Photovoltaic Systems in Tropical Climates. <i>Sustainability</i> , <b>2021</b> , 13, 4505	3.6	7
17	Self-Sustained Autonomous Wireless Sensor Network with Integrated Solar Photovoltaic System for Internet of Smart Home-Building (IoSHB) Applications. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	8
16	Design and Implementation of an IoT-Enabled Smart Plug Socket for Home Energy Management <b>2021</b> ,		1
15	Prospective Methodologies in Hybrid Renewable Energy Systems for Energy Prediction Using Artificial Neural Networks. <i>Sustainability</i> , <b>2021</b> , 13, 2393	3.6	15
14	Optimal Operation of Stand-Alone Microgrid Considering Emission Issues and Demand Response Program Using Whale Optimization Algorithm. <i>Sustainability</i> , <b>2021</b> , 13, 7710	3.6	2
13	. <i>IEEE Access</i> , <b>2021</b> , 9, 102137-102152	3.5	8
12	Mechanism of Photoanodes for Dye-Sensitized and Perovskite Solar Cells. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 25-44	0.8	
11	Development of hydrophobic reduced graphene oxide as a new efficient approach for photochemotherapy.. <i>RSC Advances</i> , <b>2020</b> , 10, 12851-12863	3.7	28
10	An Overview of the Building Energy Management System Considering the Demand Response Programs, Smart Strategies and Smart Grid. <i>Energies</i> , <b>2020</b> , 13, 3299	3.1	18
9	An Autonomous Home Energy Management System Using Dynamic Priority Strategy in Conventional Homes. <i>Energies</i> , <b>2020</b> , 13, 3312	3.1	4
8	IoT-Enabled High Efficiency Smart Solar Charge Controller with Maximum Power Point Tracking Design, Hardware Implementation and Performance Testing. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1267	2.6	9
7	Prospective Efficient Ambient Energy Harvesting Sources for IoT-Equipped Sensor Applications. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1345	2.6	23
6	Effect of temperature on synthesis of cellulose nanoparticles via ionic liquid hydrolysis process. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 308, 113030	6	8
5	Implementation of a novel home energy management system (HEMS) architecture with solar photovoltaic system as supplementary source. <i>Renewable Energy</i> , <b>2018</b> , 125, 108-120	8.1	55
4	An overview on prospects of new generation single-phase transformerless inverters for grid-connected photovoltaic (PV) systems. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 82, 515-530	16.2	20

3	Transformation of Conventional Houses to Smart Homes by Adopting Demand Response Program in Smart Grid <b>2018</b> ,		1
2	An intelligent system architecture in home energy management systems (HEMS) for efficient demand response in smart grid. <i>Energy and Buildings</i> , <b>2017</b> , 138, 154-164	7	142
1	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