

Ugur Savas Selamogullari

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

365
citations

1040056

9
h-index

1281871

11
g-index

26
all docs

26
docs citations

26
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of a dynamic energy management system using real time pricing and local renewable energy generation forecasts. Energy, 2017, 134, 206-220.	8.8	58
2	A new home energy management algorithm with voltage control in a smart home environment. Energy, 2015, 91, 720-731.	8.8	54
3	A comparative sizing analysis of a renewable energy supplied stand-alone house considering both demand side and source side dynamics. Applied Energy, 2012, 96, 400-408.	10.1	49
4	Experimental performance assessment of an online energy management strategy for varying renewable power production suppression. International Journal of Hydrogen Energy, 2012, 37, 4737-4748.	7.1	45
5	Real-time performance analysis of an optimally sized hybrid renewable energy conversion unit. Energy and Buildings, 2014, 75, 419-429.	6.7	16
6	Comparison of silicon carbide MOSFET and IGBT based electric vehicle traction inverters. , 2015, , .		16
7	A Systems Approach for a Stand-Alone Residential Fuel Cell Power Inverter Design. IEEE Transactions on Energy Conversion, 2010, 25, 741-749.	5.2	15
8	A systems approach for sizing a stand-alone residential PEMFC power system. Journal of Power Sources, 2007, 171, 802-810.	7.8	13
9	An overview of demand response applications under smart grid concept. , 2017, , .		13
10	Experimental determination of ZIP coefficients for residential appliances and ZIP model based appliance identification: The case of YTU Smart Home. Electric Power Systems Research, 2020, 179, 106070.	3.6	11
11	A Robust Building Energy Management Algorithm Validated in a Smart House Environment. Intelligent Industrial Systems, 2015, 1, 163-174.	1.0	10
12	Financial payback analysis of small wind turbines for a smart home application in Istanbul/Turkey. , 2013, , .		9
13	Carbon emission savings with a renewable energy supplied smart home operation. , 2013, , .		9
14	Hybrid switch use for light load efficiency improvement of a power inverter for stand-alone residential renewable energy system. , 2013, , .		9
15	A home energy management algorithm with smart plug for maximized customer comfort. , 2015, , .		9
16	Analyzing the effect of inverter efficiency improvement in wind turbine systems. , 2014, , .		7
17	Analyzing the Capacity Utilization Rate of Traction Motor Drives in Electric Vehicles with Real World Driving Cycles. , 2014, , .		5
18	Notice of Removal: Comparing different switching techniques for silicon carbide MOSFET assisted silicon IGBT based hybrid switch. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Comparing different switching techniques for Silicon Carbide MOSFET assisted Silicon IGBT based hybrid switch. , 2015, , .		3
20	Gerilim kontrol tabanlı ev enerji ynetim sistemi isin bir akll transformator uygulamas. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.8	3
21	Economic Analysis of Demand Response with Voltage Control in Residential Environment. , 2019, , .		2
22	Investigation of cost reduction in residential electricity bill using electric vehicle at peak times. , 2012, , .		1
23	Analysis of Line Current Harmonics for Thyristor Based Smart Plug Use in Residential Demand Response Applications. , 2018, , .		1
24	Analysis of a Residential Distribution System with the Application of Conservation Voltage Reduction at House Level. , 2019, , .		1
25	Comparison of efficiency measurement techniques for electric vehicle traction inverters. , 2015, , .		0