

Higinio SÃ¡nchez-SÃ¡inz

List of Publications by Year in descending order

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12
papers

471
citations

1307594

7
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Simplified model of battery energy-stored quasi-Z-source inverter-based photovoltaic power plant with Twofold energy management system. Energy, 2022, 244, 122563.	8.8	13
2	Decoupled Maximum Constant Boost Control for Quasi-Z-Source Inverter. , 2020, , .		2
3	Methodology for the Optimal Design of a Hybrid Charging Station of Electric and Fuel Cell Vehicles Supplied by Renewable Energies and an Energy Storage System. Sustainability, 2019, 11, 5743.	3.2	18
4	Optimal sizing hydrokinetic-photovoltaic system for electricity generation in a protected wildlife area of Ecuador. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 1103-1114.	1.4	11
5	Optimal hydrokinetic turbine location and techno-economic analysis of a hybrid system based on photovoltaic/hydrokinetic/hydrogen/battery. Energy, 2018, 159, 611-620.	8.8	43
6	Comparative study of dynamic wireless charging of electric vehicles in motorway, highway and urban stretches. Energy, 2017, 137, 42-57.	8.8	41
7	Sizing optimization of a small hydro/photovoltaic hybrid system for electricity generation in Santay Island, Ecuador by two methods. , 2017, , .		10
8	Evaluating Dynamic Wireless Charging of electric vehicles moving along a stretch of highway. , 2016, , .		13
9	Optimal sizing of stand-alone hybrid systems based on PV/WT/FC by using several methodologies. Journal of the Energy Institute, 2014, 87, 330-340.	5.3	69
10	Sizing optimization, dynamic modeling and energy management strategies of a stand-alone PV/hydrogen/battery-based hybrid system. International Journal of Hydrogen Energy, 2013, 38, 3830-3845.	7.1	227
11	Sizing and energy management of a stand-alone PV/hydrogen/battery-based hybrid system. , 2012, , .		6
12	Sizing methods for stand-alone hybrid systems based on renewable energies and hydrogen. , 2012, , .		18