Higinio SÃ¡nchez-SÃ¡inz

List of Publications by Year
in descending order

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	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
2	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
3	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
4	Comparative study of dynamic wireless charging of electric vehicles in motorway, highway and urban stretches. Energy, 2017, 137, 42-57.	8.8	41
5	Sizing methods for stand-alone hybrid systems based on renewable energies and hydrogen. , 2012, , .		18
6	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
7	Evaluating Dynamic Wireless Charging of electric vehicles moving along a stretch of highway. , 2016, , .		13
8	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
9	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
10	Sizing optimization of a small hydro/photovoltaic hybrid system for electricity generation in Santay Island, Ecuador by two methods. , 2017, , .		10
11	Sizing and energy management of a stand-alone PV/hydrogen/battery-based hybrid system. , 2012, , .		6
12	Decoupled Maximum Constant Boost Control for Quasi-Z-Source Inverter. , 2020, , .		2