

# F SÃ¡nchez-Sutil

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimization of battery/supercapacitor-based photovoltaic household-prosumers providing self-consumption and frequency containment reserve as influenced by temporal data granularity. <i>Journal of Energy Storage</i> , 2021, 36, 102366.	8.1	19
2	Smart regulation and efficiency energy system for street lighting with LoRa LPWAN. <i>Sustainable Cities and Society</i> , 2021, 70, 102912.	10.4	25
3	Optimal sizing and management strategy for PV household-prosumers with self-consumption/sufficiency enhancement and provision of frequency containment reserve. <i>Applied Energy</i> , 2020, 277, 115529.	10.1	53
4	Influence of Data Sampling Frequency on Household Consumption Load Profile Features: A Case Study in Spain. <i>Sensors</i> , 2020, 20, 6034.	3.8	18
5	Performance Optimization LoRa Network by Artificial Bee Colony Algorithm to Determination of the Load Profiles in Dwellings. <i>Energies</i> , 2020, 13, 517.	3.1	19
6	Design criteria for the optimal sizing of a hybrid energy storage system in PV household-prosumers to maximize self-consumption and self-sufficiency. <i>Energy</i> , 2019, 186, 115827.	8.8	84
7	Development and Calibration of an Open Source, Low-Cost Power Smart Meter Prototype for PV Household-Prosumers. <i>Electronics (Switzerland)</i> , 2019, 8, 878.	3.1	41
8	Monitoring of the Efficiency and Conditions of Induction Motor Operations by Smart Meter Prototype Based on a LoRa Wireless Network. <i>Electronics (Switzerland)</i> , 2019, 8, 1040.	3.1	16
9	Primary frequency control and dynamic grid support for vehicle-to-grid in transmission systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 100, 152-166.	5.5	84