

Jes s Las-Heras-Casas

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

442
citations

687363

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23
all docs

23
docs citations

23
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of biomass boilers for heating and domestic hot water in multi-family buildings in Spain: Energy, environmental, and economic assessment. Journal of Cleaner Production, 2018, 176, 590-603.	9.3	52
2	Evolution and perspectives of the bioenergy applications in Spain. Journal of Cleaner Production, 2019, 213, 553-568.	9.3	36
3	Energy performance certificates as tools for energy planning in the residential sector. The case of La Rioja (Spain).. Journal of Cleaner Production, 2016, 137, 1280-1292.	9.3	35
4	Environmental and energy impact of the EPBD in residential buildings in hot and temperate Mediterranean zones: The case of Spain. Energy, 2018, 161, 618-634.	8.8	31
5	Towards nearly zero-energy buildings in Mediterranean countries: Energy Performance of Buildings Directive evolution and the energy rehabilitation challenge in the Spanish residential sector. Energy, 2019, 176, 335-352.	8.8	31
6	Environmental and energy impact of the EPBD in residential buildings in cold Mediterranean zones: The case of Spain. Energy and Buildings, 2017, 150, 567-582.	6.7	30
7	A tool for verifying energy performance certificates and improving the knowledge of the residential sector: A case study of the Autonomous Community of AragÃn (Spain). Sustainable Cities and Society, 2018, 41, 62-72.	10.4	29
8	Update of energy performance certificates in the residential sector and scenarios that consider the impact of automation, control and management systems: A case study of La Rioja. Applied Energy, 2016, 178, 308-322.	10.1	28
9	Towards nearly zero-energy educational buildings with the implementation of the Energy Performance of Buildings Directive via energy rehabilitation in cold Mediterranean zones: The case of Spain. Energy Reports, 2019, 5, 1488-1508.	5.1	24
10	Energy Renovation of Residential Buildings in Hot and Temperate Mediterranean Zones Using Optimized Thermal Envelope Insulation Thicknesses: The Case of Spain. Applied Sciences (Switzerland), 2021, 11, 370.	2.5	23
11	Towards nearly zero-energy buildings in Mediterranean countries: Fifteen years of implementing the Energy Performance of Buildings Directive in Spain (2006â€2020). Journal of Building Engineering, 2021, 44, 102962.	3.4	21
12	Energy Renovation of Residential Buildings in Cold Mediterranean Zones Using Optimized Thermal Envelope Insulation Thicknesses: The Case of Spain. Sustainability, 2020, 12, 2287.	3.2	20
13	Final and primary energy consumption of the residential sector in Spain and La Rioja (1991â€2013), verifying the degree of compliance with the European 2020 goals by means of energy indicators. Renewable and Sustainable Energy Reviews, 2018, 81, 2358-2370.	16.4	15
14	Energy utilization for distributed thermal production in rural areas: A case study of a self-sustaining system in Spain. Energy Conversion and Management, 2018, 174, 1014-1023.	9.2	14
15	Solar domestic hot water regulation in the Latin American residential sector with the implementation of the Energy Performance of Buildings Directive: The case of Chile. Energy, 2019, 188, 115985.	8.8	11
16	Control strategy optimization of a Stirling based residential hybrid system through multi-objective optimization. Energy Conversion and Management, 2020, 208, 112549.	9.2	11
17	Methodology for Detecting Malfunctions and Evaluating the Maintenance Effectiveness in Wind Turbine Generator Bearings Using Generic versus Specific Models from SCADA Data. Energies, 2018, 11, 746.	3.1	9
18	Development of indicators for the detection of equipment malfunctions and degradation estimation based on digital signals (alarms and events) from operation SCADA. Renewable Energy, 2016, 99, 224-236.	8.9	6

#	ARTICLE	IF	CITATIONS
19	A New Device for Dosing Additives in the Food Industry Using Quality Function Deployment. Journal of Food Process Engineering, 2014, 37, 387-395.	2.9	5
20	Influence of heating degree day calculation methods in designing the thermal envelope of buildings. Journal of Building Engineering, 2022, 46, 103604.	3.4	5
21	Solar Energy, the Future Ahead. Lecture Notes in Energy, 2019, , 113-132.	0.3	3
22	Dataset on solar contributions by thermal solar systems in Chile applying Chilean and Spanish regulations. Data in Brief, 2019, 26, 104505.	1.0	2