

Miguel J Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

943
citations

623574

14
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

1141
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutrient Release through Litterfall in Short Rotation Poplar Crops in Mediterranean Marginal Land. <i>Forests</i> , 2021, 12, 1185.	0.9	3
2	Strategy for the Design of Waste to Energy Processes Based on Physicochemical Characterisation. <i>Waste and Biomass Valorization</i> , 2020, 11, 2961-2971.	1.8	2
3	Quality of olive stone as a fuel: Influence of oil content on combustion process. <i>Renewable Energy</i> , 2020, 160, 374-384.	4.3	15
4	Effect of mechanical harvesting on the chemical composition and combustion behaviour of shrub biomass. <i>Energy</i> , 2020, 204, 117928.	4.5	7
5	Production and composition of biomass from short rotation coppice in marginal land: A 9-year study. <i>Biomass and Bioenergy</i> , 2020, 134, 105478.	2.9	13
6	Sintering reduction of herbaceous biomass when blended with woody biomass: predictive and combustion tests. <i>Fuel</i> , 2019, 239, 1115-1124.	3.4	21
7	Thermochemical assessment of <i>Nicotiana glauca</i> , <i>Panicum virgatum</i> and <i>Elytrigia elongata</i> as fuels for energy recovery through gasification. <i>Fuel</i> , 2018, 225, 71-79.	3.4	4
8	Biofuels from broom clearings: Production and combustion in commercial boilers. <i>Energy</i> , 2017, 141, 1845-1856.	4.5	8
9	Influence of the agricultural management practices on the yield and quality of poplar biomass (a) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	12
10	Classification and characterisation of SRF produced from different flows of processed MSW in the Navarra region and its co-combustion performance with olive tree pruning residues. <i>Waste Management</i> , 2016, 47, 206-216.	3.7	41
11	Study on the effects of raw materials composition and pelletization conditions on the quality and properties of pellets obtained from different woody and non woody biomasses. <i>Fuel</i> , 2015, 139, 629-636.	3.4	111
12	Optimisation of pelletisation conditions for poplar energy crop. <i>Fuel Processing Technology</i> , 2012, 104, 7-15.	3.7	39
13	Optimization of pelletisation and combustion in a boiler of 17.5 kWth for vine shoots and industrial cork residue. <i>Fuel Processing Technology</i> , 2009, 90, 621-628.	3.7	76
14	Suitability of thermo-chemical corrections for determining gross calorific value in biomass. <i>Thermochimica Acta</i> , 2008, 468, 101-107.	1.2	35
15	The effect of the addition of chemical materials on the sintering of biomass ash. <i>Fuel</i> , 2008, 87, 2651-2658.	3.4	93
16	Influence of the amount of bed material on the distribution of biomass inorganic elements in a bubbling fluidised bed combustion pilot plant. <i>Fuel</i> , 2007, 86, 867-876.	3.4	14
17	Particle density determination of pellets and briquettes. <i>Biomass and Bioenergy</i> , 2006, 30, 954-963.	2.9	70
18	Concentration of elements in woody and herbaceous biomass as a function of the dry ashing temperature. <i>Fuel</i> , 2006, 85, 1273-1279.	3.4	36

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19	Ash behaviour of lignocellulosic biomass in bubbling fluidised bed combustion. Fuel, 2006, 85, 1157-1165.	3.4	63
20	Combustion in bubbling fluidised bed with bed material of limestone to reduce the biomass ash agglomeration and sintering. Fuel, 2006, 85, 2081-2092.	3.4	84
21	Comparing methods for predicting the sintering of biomass ash in combustion. Fuel, 2005, 84, 1893-1900.	3.4	129
22	Inorganic matter characterization in vegetable biomass feedstocks1. Fuel, 2002, 81, 1161-1169.	3.4	67