Andrea Pizzi

List of Publications by Year
in descending order

22 papers	614 citations	623574 14 h-index	677027 22 g-index
22 all docs	22 docs citations	22 times ranked	872 citing authors

#	Article	IF	Citations
1	Torrefaction of tomato industry residues. Fuel, 2015, 143, 89-97.	3.4	77
2	Deoxygenation of waste cooking oil and non-edible oil for the production of liquid hydrocarbon biofuels. Waste Management, 2016, 47, 62-68.	3.7	73
3	Emission from realistic utilization of wood pellet stove. Energy, 2014, 68, 644-650.	4.5	49
4	The Use of Near-Infrared (NIR) Spectroscopy and Principal Component Analysis (PCA) To Discriminate Bark and Wood of the Most Common Species of the Pellet Sector. Energy & Fuels, 2017, 31, 2814-2821.	2.5	42
5	Effect of fuel quality classes on the emissions of a residential wood pellet stove. Fuel, 2018, 211, 269-277.	3.4	40
6	Determination of polycyclic aromatic hydrocarbons in domestic pellet stove emissions. Biomass and Bioenergy, 2011, 35, 4261-4267.	2.9	39
7	Near infrared spectroscopy for the discrimination between different residues of the wood processing industry in the pellet sector. Fuel, 2018, 217, 650-655.	3.4	37
8	Preliminary experimental study on biofuel production by deoxygenation of Jatropha oil. Fuel Processing Technology, 2015, 137, 31-37.	3.7	32
9	Evaluation of the characteristics of vineyard pruning residues for energy applications: effect of different copper-based treatments. Journal of Agricultural Engineering, 2016, 47, 22.	0.7	31
10	Prediction of gross calorific value and ash content of woodchip samples by means of FT-NIR spectroscopy. Fuel Processing Technology, 2018, 169, 77-83.	3.7	31
11	Investigation of woodchip quality: Relationship between the most important chemical and physical parameters. Energy, 2016, 106, 38-44.	4.5	29
12	Emissions of heating appliances fuelled with agropellet produced from vine pruning residues and environmental aspects. Renewable Energy, 2018, 121, 513-520.	4.3	29
13	Identification of different woody biomass for energy purpose by means of Soft Independent Modeling of Class Analogy applied to thermogravimetric analysis. Energy, 2015, 83, 351-357.	4.5	23
14	Soft Independent Modelling of Class Analogy applied to infrared spectroscopy for rapid discrimination between hardwood and softwood. Energy, 2016, 117, 251-258.	4.5	15
15	Quality of residues of the biodiesel chain in the energy field. Industrial Crops and Products, 2015, 75, 91-97.	2.5	14
16	Evaluation of non-steady state condition contribution to the total emissions of residential wood pellet stove. Energy, 2015, 88, 650-657.	4.5	13
17	Prediction of Hardwood and Softwood Contents in Blends of Wood Powders Using Mid-Infrared Spectroscopy. Energy & Fuels, 2016, 30, 3038-3044.	2.5	12
18	Biofuel, Bioenergy and Feed Valorization of By-Products and Residues from Hevea brasiliensis Cultivation to Enhance Sustainability. Resources, 2020, 9, 114.	1.6	12

#	Article	IF	Citations
19	Energy characteristics assessment of olive pomace by means of FT-NIR spectroscopy. Energy, 2018, 147, 51-58.	4.5	9
20	Fast measurement by infrared spectroscopy as support to woody biofuels quality determination. Journal of Agricultural Engineering, 2016, 47, 17.	0.7	4
21	Validity of the Mechanical Threshing of Onion Seeds from the Point of View of Seed Quality. Agriculture (Switzerland), 2017, 7, 102.	1.4	2
22	Sustainability of grape-ethanol energy chain. Journal of Agricultural Engineering, 2014, 45, 119.	0.7	1