

Daniele Duca

List of Publications by Year in descending order

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times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Footprint and Feedstock Quality of a Real Biomass Power Plant Fed with Forestry and Agricultural Residues. <i>Resources</i> , 2022, 11, 7.	1.6	15
2	Advancements in the Conversion of Lipid-Rich Biowastes and Lignocellulosic Residues into High-Quality Road and Jet Biofuels Using Nanomaterials as Catalysts. <i>Processes</i> , 2022, 10, 187.	1.3	3
3	Valorising Agricultural Residues through Pelletisation. <i>Processes</i> , 2022, 10, 232.	1.3	4
4	Biomass Energy Resources: Feedstock Quality and Bioenergy Sustainability. <i>Resources</i> , 2022, 11, 57.	1.6	4
5	Life Cycle Assessment of Protected Strawberry Productions in Central Italy. <i>Sustainability</i> , 2021, 13, 4879.	1.6	11
6	Environmental Performance of Chocolate Produced in Ghana Using Life Cycle Assessment. <i>Sustainability</i> , 2021, 13, 6155.	1.6	13
7	Life Cycle Assessment of Spinach Produced in Central and Southern Italy. <i>Sustainability</i> , 2021, 13, 10001.	1.6	4
8	Pellet Production from Residual Biomass of Greenery Maintenance in a Small-Scale Company to Improve Sustainability. <i>Resources</i> , 2021, 10, 122.	1.6	17
9	Biofuel, Bioenergy and Feed Valorization of By-Products and Residues from <i>Hevea brasiliensis</i> Cultivation to Enhance Sustainability. <i>Resources</i> , 2020, 9, 114.	1.6	12
10	Rapid Quality Control of Woodchip Parameters Using a Hand-Held Near Infrared Spectrophotometer. <i>Processes</i> , 2020, 8, 1413.	1.3	13
11	Environmental Sustainability of Heating Systems Based on Pellets Produced in Mobile and Stationary Plants from Vineyard Pruning Residues. <i>Resources</i> , 2020, 9, 94.	1.6	9
12	Application of the Non-Destructive NIR Technique for the Evaluation of Strawberry Fruits Quality Parameters. <i>Foods</i> , 2020, 9, 441.	1.9	37
13	Innovation in Sustainable Management of Plant Diseases and Pests, and Effects on the Environment. , 2020, , 601-616.		2
14	Engineered solid biofuel from herbaceous biomass mixed with inorganic additives. <i>Fuel</i> , 2019, 256, 115895.	3.4	10
15	Evaluation of cradle to gate environmental impact of frozen green bean production by means of life cycle assessment. <i>Journal of Cleaner Production</i> , 2019, 236, 117638.	4.6	11
16	Experimental Study to Support Local Sunflower Oil Chains: Production of Cold Pressed Oil in Central Italy. <i>Agriculture (Switzerland)</i> , 2019, 9, 231.	1.4	8
17	Energy and environmental sustainability of nursery step finalized to "fresh cut" salad production by means of LCA. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 800-810.	2.2	10
18	Evaluation of the characteristics of vineyard pruning residues for energy applications: effect of different copper-based treatments. <i>Journal of Agricultural Engineering</i> , 2016, 47, 22.	0.7	31

#	ARTICLE	IF	CITATIONS
19	Investigation of woodchip quality: Relationship between the most important chemical and physical parameters. <i>Energy</i> , 2016, 106, 38-44.	4.5	29
20	A comparative study of oilseed crops (<i>Brassica napus</i> L. subsp. <i>oleifera</i> and <i>Brassica carinata</i> A. Braun) in the biodiesel production chain and their adaptability to different Italian areas. <i>Industrial Crops and Products</i> , 2015, 75, 98-107.	2.5	22
21	Quality of residues of the biodiesel chain in the energy field. <i>Industrial Crops and Products</i> , 2015, 75, 91-97.	2.5	14
22	Mitigation strategies in the agro-food sector: The anaerobic digestion of tomato processing by-products. An Italian case study. <i>Science of the Total Environment</i> , 2015, 526, 88-97.	3.9	65
23	Adaptability of sunflower (<i>Helianthus annuus</i> L.) high oleic hybrids to different Italian areas for biodiesel production. <i>Industrial Crops and Products</i> , 2015, 75, 108-117.	2.5	22
24	Torrefaction of tomato industry residues. <i>Fuel</i> , 2015, 143, 89-97.	3.4	77
25	Sustainability of grape-ethanol energy chain. <i>Journal of Agricultural Engineering</i> , 2014, 45, 119.	0.7	1
26	Solid biofuels production from agricultural residues and processing by-products by means of torrefaction treatment: the case of sunflower chain. <i>Journal of Agricultural Engineering</i> , 2014, 45, 97.	0.7	5
27	Sustainability of sunflower cultivation for biodiesel production in central Italy according to the Renewable Energy Directive methodology. <i>Journal of Agricultural Engineering</i> , 2014, 44, 175.	0.7	3
28	Wood pellet quality with respect to EN 14961-2 standard and certifications. <i>Fuel</i> , 2014, 135, 9-14.	3.4	97
29	Emission from realistic utilization of wood pellet stove. <i>Energy</i> , 2014, 68, 644-650.	4.5	49
30	Comparison among electric generators fueled with different vegetable oils by means of the antioxidant level analysis in lubricating oil. <i>Biomass and Bioenergy</i> , 2014, 67, 119-124.	2.9	1
31	Analysis of the characteristics of the residues of the wine production chain finalized to their industrial and energy recovery. <i>Biomass and Bioenergy</i> , 2013, 55, 260-267.	2.9	62
32	Effect of the carbon oxidation state of biomass compounds on the relationship between GCV and carbon content. <i>Biomass and Bioenergy</i> , 2013, 48, 231-238.	2.9	14
33	Analysis of the characteristics of the tomato manufacturing residues finalized to the energy recovery. <i>Biomass and Bioenergy</i> , 2013, 51, 177-182.	2.9	46
34	Investigation on wood pellet quality and relationship between ash content and the most important chemical elements. <i>Biomass and Bioenergy</i> , 2013, 56, 317-322.	2.9	74
35	Vegetable oil and fat viscosity forecast models based on iodine number and saponification number. <i>Biomass and Bioenergy</i> , 2012, 46, 511-516.	2.9	36
36	Determination of the renewable energy content of chemically modified biofuels. <i>Biomass and Bioenergy</i> , 2011, 35, 3139-3146.	2.9	5