Gianni Picchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2999736/publications.pdf

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27	707	567281 15	552781 26
papers	citations	h-index	g-index

27	27	27	725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Industrial harvesting of olive tree pruning residue for energy biomass. Bioresource Technology, 2010, 101, 730-735.	9.6	110
2	Physical characterization of commercial woodchips on the Italian energy market. Fuel, 2011, 90, 2198-2202.	6.4	74
3	Relating safety, productivity and company type for motor-manual logging operations in the Italian Alps. Accident Analysis and Prevention, 2010, 42, 2013-2017.	5.7	57
4	Technology alternatives for tapping the pruning residue resource. Bioresource Technology, 2013, 128, 697-702.	9.6	48
5	Vineyard residues as a fuel for domestic boilers in Trento Province (Italy): Comparison to wood chips and means of polluting emissions control. Fuel, 2013, 113, 43-49.	6.4	46
6	Performance of a mobile mechanical screen to improve the commercial quality of wood chips for energy. Bioresource Technology, 2011, 102, 7366-7370.	9.6	41
7	Physical and chemical characteristics of renewable fuel obtained from pruning residues. Journal of Cleaner Production, 2018, 171, 457-463.	9.3	39
8	Annual use, economic life and residual value of cut-to-length harvesting machines. Journal of Forest Economics, 2011, 17, 378-387.	0.2	33
9	Integrating olive grove maintenance and energy biomass recovery with a single-pass pruning and harvesting machine. Biomass and Bioenergy, 2011, 35, 808-813.	5.7	29
10	Development of Low-Cost Portable Spectrometers for Detection of Wood Defects. Sensors, 2020, 20, 545.	3.8	29
11	A new generation of sensors and monitoring tools to support climate-smart forestry practices. Canadian Journal of Forest Research, 2021, 51, 1751-1765.	1.7	26
12	Energy performance of a new biomass harvester for recovery of orchard wood wastes as alternative to mulching. Renewable Energy, 2018, 124, 121-128.	8.9	23
13	A supply chain evaluation of slash bundling under the conditions of mountain forestry. Biomass and Bioenergy, 2012, 36, 339-345.	5.7	18
14	Comparison of remote sensing based RFID and standard tree marking for timber harvesting. Computers and Electronics in Agriculture, 2017, 140, 214-226.	7.7	17
15	Use of Individual Tree and Product Level Data to Improve Operational Forestry. Current Forestry Reports, 2022, 8, 148-165.	7.4	17
16	A versatile machine system for salvaging small-scale forest windthrow. Biosystems Engineering, 2013, 115, 381-388.	4.3	16
17	Performance of a portable NIR spectrometer for the determination of moisture content of industrial wood chips fuel. Fuel, 2022, 320, 123948.	6.4	16
18	Deploying Mechanized Cut-to-Length Technology in Italy: Fleet Size, Annual Usage, and Costs. International Journal of Forest Engineering, 2010, 21, 23-31.	0.8	14

#	Article	IF	Citations
19	Assessing chipper productivity and operator effects in forest biomass operations. Silva Fennica, 2015, 49, .	1.3	9
20	Mechanized thinning of walnut plantations established on ex-arable land. Agroforestry Systems, 2011, 82, 77-86.	2.0	8
21	Exposure of Mobile Chipper Operators to Diesel Exhaust. Annals of Occupational Hygiene, 2014, 58, 217-26.	1.9	8
22	Wood Fuel Procurement to Bioenergy Facilities: Analysis of Moisture Content Variability and Optimal Sampling Strategy. Processes, 2021, 9, 359.	2.8	6
23	Cost-effective biomass supply from orchard termination with highly-mobile low-investment equipment. Biomass and Bioenergy, 2016, 94, 78-84.	5.7	5
24	Industrial stress-test of a magnetic resonance moisture meter for woody biomass in southern European conditions. Fuel Processing Technology, 2018, 178, 189-196.	7.2	5
25	Marking Standing Trees with RFID Tags. Forests, 2020, 11, 150.	2.1	5
26	Energy biomass from the low-investment fully mechanized thinning of hardwood plantations. Biomass and Bioenergy, 2012, 47, 195-200.	5.7	4
27	Unearthing the hidden resource: biomass from rootstock recovery. Biofuels, Bioproducts and Biorefining, 2016, 10, 270-280.	3.7	4