

Gianni Picchi

List of Publications by Year in descending order

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27
papers

707
citations

567281

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552781

26
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27
docs citations

27
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Individual Tree and Product Level Data to Improve Operational Forestry. <i>Current Forestry Reports</i> , 2022, 8, 148-165.	7.4	17
2	Performance of a portable NIR spectrometer for the determination of moisture content of industrial wood chips fuel. <i>Fuel</i> , 2022, 320, 123948.	6.4	16
3	Wood Fuel Procurement to Bioenergy Facilities: Analysis of Moisture Content Variability and Optimal Sampling Strategy. <i>Processes</i> , 2021, 9, 359.	2.8	6
4	A new generation of sensors and monitoring tools to support climate-smart forestry practices. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1751-1765.	1.7	26
5	Development of Low-Cost Portable Spectrometers for Detection of Wood Defects. <i>Sensors</i> , 2020, 20, 545.	3.8	29
6	Marking Standing Trees with RFID Tags. <i>Forests</i> , 2020, 11, 150.	2.1	5
7	Energy performance of a new biomass harvester for recovery of orchard wood wastes as alternative to mulching. <i>Renewable Energy</i> , 2018, 124, 121-128.	8.9	23
8	Physical and chemical characteristics of renewable fuel obtained from pruning residues. <i>Journal of Cleaner Production</i> , 2018, 171, 457-463.	9.3	39
9	Industrial stress-test of a magnetic resonance moisture meter for woody biomass in southern European conditions. <i>Fuel Processing Technology</i> , 2018, 178, 189-196.	7.2	5
10	Comparison of remote sensing based RFID and standard tree marking for timber harvesting. <i>Computers and Electronics in Agriculture</i> , 2017, 140, 214-226.	7.7	17
11	Unearthing the hidden resource: biomass from rootstock recovery. <i>Biofuels, Bioproducts and Biorefining</i> , 2016, 10, 270-280.	3.7	4
12	Cost-effective biomass supply from orchard termination with highly-mobile low-investment equipment. <i>Biomass and Bioenergy</i> , 2016, 94, 78-84.	5.7	5
13	Assessing chipper productivity and operator effects in forest biomass operations. <i>Silva Fennica</i> , 2015, 49, .	1.3	9
14	Exposure of Mobile Chipper Operators to Diesel Exhaust. <i>Annals of Occupational Hygiene</i> , 2014, 58, 217-26.	1.9	8
15	Technology alternatives for tapping the pruning residue resource. <i>Bioresource Technology</i> , 2013, 128, 697-702.	9.6	48
16	Vineyard residues as a fuel for domestic boilers in Trento Province (Italy): Comparison to wood chips and means of polluting emissions control. <i>Fuel</i> , 2013, 113, 43-49.	6.4	46
17	A versatile machine system for salvaging small-scale forest windthrow. <i>Biosystems Engineering</i> , 2013, 115, 381-388.	4.3	16
18	Energy biomass from the low-investment fully mechanized thinning of hardwood plantations. <i>Biomass and Bioenergy</i> , 2012, 47, 195-200.	5.7	4

#	ARTICLE	IF	CITATIONS
19	A supply chain evaluation of slash bundling under the conditions of mountain forestry. <i>Biomass and Bioenergy</i> , 2012, 36, 339-345.	5.7	18
20	Annual use, economic life and residual value of cut-to-length harvesting machines. <i>Journal of Forest Economics</i> , 2011, 17, 378-387.	0.2	33
21	Mechanized thinning of walnut plantations established on ex-arable land. <i>Agroforestry Systems</i> , 2011, 82, 77-86.	2.0	8
22	Performance of a mobile mechanical screen to improve the commercial quality of wood chips for energy. <i>Bioresource Technology</i> , 2011, 102, 7366-7370.	9.6	41
23	Integrating olive grove maintenance and energy biomass recovery with a single-pass pruning and harvesting machine. <i>Biomass and Bioenergy</i> , 2011, 35, 808-813.	5.7	29
24	Physical characterization of commercial woodchips on the Italian energy market. <i>Fuel</i> , 2011, 90, 2198-2202.	6.4	74
25	Relating safety, productivity and company type for motor-manual logging operations in the Italian Alps. <i>Accident Analysis and Prevention</i> , 2010, 42, 2013-2017.	5.7	57
26	Industrial harvesting of olive tree pruning residue for energy biomass. <i>Bioresource Technology</i> , 2010, 101, 730-735.	9.6	110
27	Deploying Mechanized Cut-to-Length Technology in Italy: Fleet Size, Annual Usage, and Costs. <i>International Journal of Forest Engineering</i> , 2010, 21, 23-31.	0.8	14