

Ralf Pecenka

List of Publications by Year in descending order

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26
papers

488
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759233

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all docs

26
docs citations

26
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Biomass Briquette Binders and Quality Parameters. <i>Energies</i> , 2022, 15, 2426.	3.1	33
2	Establishment of a Laboratory Scale Set-Up with Controlled Temperature and High Humidity to Investigate Dry Matter Losses of Wood Chips from Poplar during Storage. <i>Forests</i> , 2022, 13, 459.	2.1	3
3	Molecular monitoring of the poplar wood chip microbiome as a function of storage strategy. <i>International Biodeterioration and Biodegradation</i> , 2021, 156, 105133.	3.9	7
4	Cold air ventilation for cooling and drying of poplar wood chips from short rotation coppice in outdoor storage piles in Germany. <i>Biomass and Bioenergy</i> , 2021, 146, 105976.	5.7	3
5	Extrusion of Different Plants into Fibre for Peat Replacement in Growing Media: Adjustment of Parameters to Achieve Satisfactory Physical Fibre-Properties. <i>Agronomy</i> , 2021, 11, 1185.	3.0	12
6	The potential of calcium hydroxide to reduce storage losses: A four months monitoring study of spruce wood chip piles at industrial scale. <i>Fuel</i> , 2021, 298, 120738.	6.4	9
7	An Assessment of Potential Resources for Biomass Energy in Nigeria. <i>Resources</i> , 2020, 9, 92.	3.5	84
8	Influence of Tree Species, Harvesting Method and Storage on Energy Demand and Wood Chip Quality When Chipping Poplar, Willow and Black Locust. <i>Agriculture (Switzerland)</i> , 2020, 10, 116.	3.1	15
9	Options for Optimizing the Drying Process and Reducing Dry Matter Losses in Whole-Tree Storage of Poplar from Short-Rotation Coppices in Germany. <i>Forests</i> , 2020, 11, 374.	2.1	9
10	An Alternative to Field Retting: Fibrous Materials Based on Wet Preserved Hemp for the Manufacture of Composites. <i>Agriculture (Switzerland)</i> , 2019, 9, 140.	3.1	12
11	Influence of the particle size of poplar wood chips on the development of mesophilic and thermotolerant mould during storage and their potential impact on dry matter losses in piles in practice. <i>Biomass and Bioenergy</i> , 2019, 127, 105273.	5.7	14
12	Empirical model for prediction of density and water resistance of corn cob briquettes. <i>International Journal of Renewable Energy Technology</i> , 2019, 10, 212.	0.3	13
13	Comparative investigations of fibreboards resulting from selected hemp varieties. <i>Industrial Crops and Products</i> , 2018, 118, 81-94.	5.2	15
14	Effect of densification variables on density of corn cob briquettes produced using a uniaxial compaction biomass briquetting press. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 3019-3028.	2.3	16
15	Influence of the chip format on the development of mass loss, moisture content and chemical composition of poplar chips during storage and drying in open-air piles. <i>Biomass and Bioenergy</i> , 2018, 116, 140-150.	5.7	24
16	Produktivität, Management und Nutzung von Agrarholz. , 2018, , 447-510.		2
17	Continuous weighing of a pile of poplar wood chips – A comparison of methods to determine the dry matter losses during storage. <i>Biomass and Bioenergy</i> , 2017, 96, 119-129.	5.7	24
18	Development and test of a simplified method to calculate dry matter loss during open-air storage of poplar wood chips by analysing ash contents. <i>Biomass and Bioenergy</i> , 2016, 94, 258-267.	5.7	22

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19	Open-air storage of fine and coarse wood chips of poplar from short rotation coppice in covered piles. <i>Biomass and Bioenergy</i> , 2015, 83, 269-277.	5.7	58
20	Biogas production from selected crop residues in Nigeria and estimation of its electricity value. <i>International Journal of Renewable Energy Technology</i> , 2015, 6, 101.	0.3	11
21	Development of bio-physical properties during storage of poplar chips from 15Âha test fields. <i>Biomass and Bioenergy</i> , 2014, 65, 13-19.	5.7	37
22	Harvesters for short rotation coppice: current status and new solutions. <i>International Journal of Forest Engineering</i> , 2013, 24, 170-182.	0.8	11
23	Process-Technological Evaluation of Harvesting Hemp in Winter. <i>Journal of Natural Fibers</i> , 2013, 10, 159-175.	3.1	6
24	Storage Problems of Poplar Chips from Short Rotation Plantations with Special Emphasis on Fungal Development. <i>Acta Silvatica Et Lignaria Hungarica</i> , 2012, 8, 123-132.	0.3	12
25	Wet Processing of Hemp: An Overview. <i>Journal of Natural Fibers</i> , 2011, 8, 59-80.	3.1	22
26	Fibre boards and composites from wet preserved hemp. <i>International Journal of Materials and Product Technology</i> , 2009, 36, 208.	0.2	14