

Wahyu Hidayat

List of Publications by Year in descending order

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49
papers

414
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840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	Meranti (<i>Shorea</i> sp.) Biochar Application Method on the Growth of Sengon (<i>Falcataria moluccana</i>) as a Solution of Phosphorus Crisis. <i>Energies</i> , 2022, 15, 2110.	3.1	3
2	Effects of Torrefaction Temperature on the Characteristics of Betung (<i>Dendrocalamus asper</i>) Bamboo Pellets. <i>Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering)</i> , 2022, 11, 339.	0.1	0
3	Raw material of Besemah traditional house construction in Indonesia. <i>Folia Forestalia Polonica, Series A</i> , 2021, 63, 74-80.	0.3	1
4	Valorization of Indonesian Wood Wastes through Pyrolysis: A Review. <i>Energies</i> , 2021, 14, 1407.	3.1	23
5	Variation of anatomical characteristics within the culm of the three <i>Gigantochloa</i> species from Indonesia. <i>BioResources</i> , 2021, 16, 3596-3606.	1.0	2
6	Comparison of anatomical features in the three <i>Syzygium</i> species. <i>BioResources</i> , 2021, 16, 3631-3642.	1.0	2
7	Characteristics of biochar produced from the harvesting wastes of meranti (<i>Shorea</i> sp.) and oil palm (<i>Elaeis guineensis</i>) empty fruit bunches. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 749, 012040.	0.3	1
8	Using two dosages of biochar from shorea to improve the growth of <i>Paraserianthes falcataria</i> seedlings. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 749, 012049.	0.3	2
9	Torrefaction to improve biomass pellet made of oil palm empty fruit bunch. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 749, 012047.	0.3	3
10	Properties of dual-species bamboo-oriented strand boards bonded with phenol formaldehyde adhesive under various compression ratios. <i>BioResources</i> , 2021, 16, 5422-5435.	1.0	5
11	Comparison of the color and weight change in <i>Paulownia tomentosa</i> and <i>Pinus koraiensis</i> wood heat-treated in hot oil and hot air. <i>BioResources</i> , 2021, 16, 5574-5585.	1.0	5
12	CHARACTERISTIC FEATURES OF THE OIL-HEAT TREATED WOODS FROM TROPICAL FAST GROWING WOOD SPECIES. <i>Wood Research</i> , 2021, 66, 365-378.	0.6	6
13	Interaksi Perlakuan Dosis Dan Suhu Pirolisis Pembuatan Biochar Kayu Meranti (<i>Shorea</i> spp.) Mempengaruhi Kecepatan Tumbuh Sengon (<i>Paraserianthes moluccana</i>). <i>ULIN Jurnal Hutan Tropis</i> , 2021, 5, 78.	0.1	1
14	The Removal of Cured Urea-Formaldehyde Adhesive towards Sustainable Medium Density Fiberboard Production: A Review. <i>Jurnal Sylva Lestari</i> , 2021, 9, 23.	0.5	6
15	Pengaruh Kadar Perekat Terhadap Karakteristik Briket Arang Limbah Kayu Karet (<i>Hevea brasiliensis</i>) Tj ETQq1 1 0.784314 rgBJ /Overlock	0.1	2
16	Effects of Strands Pre-treatment and Adhesive Type on the Properties of Oriented Strand Board Made from <i>Gmelina</i> (<i>Gmelina arborea</i>) Wood. <i>Jurnal Sylva Lestari</i> , 2021, 9, 475-487.	0.5	2
17	Effects of Resin Content on the Characteristics of Bamboo Oriented Strand Board Prepared from Strands of Betung, Ampel, and Their Mixtures. <i>Jurnal Sylva Lestari</i> , 2021, 9, 454-465.	0.5	2
18	Effect of Alkali-Washing at Different Concentration on the Chemical Compositions of the Steam Treated Bamboo Strands. <i>Journal of the Korean Wood Science and Technology</i> , 2021, 49, 14-22.	3.0	10

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19	Pengaruh Torefaksi terhadap Sifat Kimia Pelet Tandan Kosong Kelapa Sawit. Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering), 2020, 9, 63.	0.1	2
20	PERUBAHAN SIFAT FISIS PELET TANDAN KOSONG KELAPA SAWIT HASIL TOREFAKSI. Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering), 2020, 9, 104.	0.1	2
21	Properties of oriented strand board from alkali-washed bamboo strands after steam treatment. BioResources, 2020, 16, 987-996.	1.0	4
22	Peningkatan Kualitas Pelet Tandan Kosong Kelapa Sawit melalui Torefaksi Menggunakan Reaktor Counter-Flow Multi Baffle (COMB). Jurnal Rekayasa Proses, 2020, 14, 169.	0.2	2
23	Effects of Hydrolysis on the Removal of Cured Urea-Formaldehyde Adhesive in Waste Medium-Density Fiberboard. Jurnal Sylva Lestari, 2020, 8, 1.	0.5	2
24	Effects of Torefaction with Counter-Flow Multi Baffle (COMB) Reactor and Electric Furnace on the Properties of Jabon (<i>Anthocephalus cadamba</i>) Pellets. Jurnal Sylva Lestari, 2020, 8, 65.	0.5	0
25	Effect of impregnation methods and bioresin concentration on physical and mechanical properties of soft-inner part of oil palm trunk. Journal of Physics: Conference Series, 2019, 1282, 012078.	0.4	0
26	Changes in chemical components of steam-treated betung bamboo strands and their effects on the physical and mechanical properties of bamboo-oriented strand boards. European Journal of Wood and Wood Products, 2019, 77, 731-739.	2.9	28
27	Short Communication: Estimation of the above- and below-ground carbon stocks in University of Lampung, Indonesia. Biodiversitas, 2019, 20, 676-681.	0.6	4
28	Destructive and Non-destructive Tests of Bamboo Oriented Strand Board under Various Shelling Ratios and Resin Contents. Journal of the Korean Wood Science and Technology, 2019, 47, 519-532.	3.0	11
29	Characterization of cellulose nanocrystal with cellulose II polymorph from primary sludge and its application to PVA nanocomposites. Wood Science and Technology, 2018, 52, 555-565.	3.2	3
30	Effects of Heat Treatment on the Color Change and Dimensional Stability of <i>Gmelina arborea</i> and <i>Melia azedarach</i> Woods. E3S Web of Conferences, 2018, 68, 03010.	0.5	1
31	Physical and Chemical Properties of Kapok (<i>Ceiba pentandra</i>) and Balsa (<i>Ochroma pyramidale</i>) Fibers. Journal of the Korean Wood Science and Technology, 2018, 46, 393-401.	3.0	35
32	Anatomical and Physical Properties of Indonesian Bamboos Carbonized at Different Temperatures. Journal of the Korean Wood Science and Technology, 2018, 46, 656-669.	3.0	22
33	Characteristics of White Charcoal Produced from the Charcoal Kiln for Thermootherapy. Journal of the Korean Wood Science and Technology, 2018, 46, 527-540.	3.0	5
34	Effect of mechanical restraint on drying defects reduction in heat-treated okan wood. BioResources, 2017, 12, 7452-7465.	1.0	3
35	Carbonization Characteristics of Juvenile Woods from Some Tropical Trees Planted in Indonesia. Journal of the Faculty of Agriculture, Kyushu University, 2017, 62, 145-152.	0.2	8
36	Color Change and Consumer Preferences towards Color of Heat-Treated Korean White Pine and Royal Paulownia Woods. Journal of the Korean Wood Science and Technology, 2017, 45, 213-222.	3.0	18

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37	Effects of Steam Treatment on Physical and Mechanical Properties of Bamboo Oriented Strand Board. Journal of the Korean Wood Science and Technology, 2017, 45, 872-882.	3.0	22
38	Carbonization of reaction wood from Paulownia tomentosa and Pinus densiflora branch woods. Wood Science and Technology, 2016, 50, 973-987.	3.2	16
39	Effect of Treatment Duration and Clamping on the Properties of Heat-Treated Okan Wood. BioResources, 2016, 11, .	1.0	6
40	Color Change of Major Wood Species Planted in Indonesia by Ultraviolet Radiation. Journal of the Korean Wood Science and Technology, 2016, 44, 9-18.	3.0	6
41	Quality Improvement of Oil Palm Trunk Properties by Close System Compression Method. Journal of the Korean Wood Science and Technology, 2016, 44, 172-183.	3.0	14
42	Effect of Phenol Formaldehyde Impregnation on The Physical and Mechanical Properties of Soft-Inner Part of Oil Palm Trunk. Journal of the Korean Wood Science and Technology, 2016, 44, 842-851.	3.0	19
43	Solid Bioenergy Properties of Paulownia tomentosa Grown in Korea. Journal of the Korean Wood Science and Technology, 2016, 44, 890-896.	3.0	9
44	Anatomical Characteristics of Paulownia tomentosa Root Wood. Journal of the Korean Wood Science and Technology, 2016, 44, 157-165.	3.0	5
45	Effect of Temperature and Clamping during Heat Treatment on Physical and Mechanical Properties of Okan (Cylicodiscus gabunensis [Taub.] Harms) Wood. BioResources, 2015, 10, .	1.0	6
46	Effect of Bamboo Species and Resin Content on Properties of Oriented Strand Board Prepared from Steam-treated Bamboo Strands. BioResources, 2015, 10, .	1.0	24
47	Termite Resistance of The Less Known Tropical Woods Species Grown in West Java, Indonesia. Journal of the Korean Wood Science and Technology, 2015, 43, 248-257.	3.0	7
48	Combustion Properties of Major Wood Species Planted in Indonesia. Journal of the Korean Wood Science and Technology, 2015, 43, 768-776.	3.0	3
49	Properties of oriented strand board made from Betung bamboo (Dendrocalamus asper (Schultes.f)) Tj ETQq1 1 0.784314 rgBT /Overl	3.2	51