

Zaidon Ashaari

List of Publications by Year in descending order

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57
papers

778
citations

623574

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57
all docs

57
docs citations

57
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal treatment of wood using vegetable oils: A review. <i>Construction and Building Materials</i> , 2018, 181, 408-419.	3.2	100
2	Lignin-based copolymer adhesives for composite wood panels – A review. <i>International Journal of Adhesion and Adhesives</i> , 2019, 95, 102408.	1.4	86
3	Reducing formaldehyde emission of urea formaldehyde-bonded particleboard by addition of amines as formaldehyde scavenger. <i>Building and Environment</i> , 2018, 142, 188-194.	3.0	69
4	Acacia mangium Tannin as Formaldehyde Scavenger for Low Molecular Weight Phenol-Formaldehyde Resin in Bonding Tropical Plywood. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 1653-1664.	1.4	38
5	Hydrothermal Modification of Wood: A Review. <i>Polymers</i> , 2021, 13, 2612.	2.0	34
6	Effects of two-step post heat-treatment in palm oil on the properties of oil palm trunk particleboard. <i>Industrial Crops and Products</i> , 2018, 116, 249-258.	2.5	33
7	Durability of phenolic-resin-treated oil palm wood against subterranean termites a white-rot fungus. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 126-130.	1.9	28
8	Nonwood-Based Composites. <i>Current Forestry Reports</i> , 2015, 1, 221-238.	3.4	21
9	Microstructural Study, Tensile Properties, and Scanning Electron Microscopy Fractography Failure Analysis of Various Agricultural Residue Fibers. <i>Journal of Natural Fibers</i> , 2015, 12, 154-168.	1.7	21
10	Enhancing the Properties of Low Density Hardwood <i>Dyera costulata</i> Through Impregnation with Phenolic Resin Admixed with Formaldehyde Scavenger. <i>Journal of Applied Sciences</i> , 2011, 11, 3474-3481.	0.1	20
11	Bond integrity of cross laminated timber from <i>Acacia mangium</i> wood as affected by adhesive types, pressing pressures and loading direction. <i>International Journal of Adhesion and Adhesives</i> , 2019, 94, 24-28.	1.4	18
12	Effect of ACQ treatment on surface quality and bonding performance of four Malaysian hardwoods and cross laminated timber (CLT). <i>European Journal of Wood and Wood Products</i> , 2021, 79, 285-299.	1.3	18
13	Performance of compreg laminated bamboo/wood hybrid using phenolic-resin-treated strips as core layer. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 621-624.	1.3	17
14	Properties of Particleboard Made from Pretreated Particles of Rubberwood, EFB and Rubberwood-EFB Blend. <i>Journal of Applied Sciences</i> , 2007, 7, 1145-1151.	0.1	17
15	Characterisation of phenolic resin and nanoclay admixture and its effect on impreg wood. <i>Wood Science and Technology</i> , 2015, 49, 1209-1224.	1.4	16
16	Influence of Resin Molecular Weight on Curing and Thermal Degradation of Plywood Made From Phenolic Prepreg Palm Veneers. <i>Journal of Adhesion</i> , 2014, 90, 210-229.	1.8	14
17	Characterisation of Sequential Solvent Fractionation and Base-catalysed Depolymerisation of Treated Alkali Lignin. <i>BioResources</i> , 2015, 10, 4137-4151.	0.5	14
18	Physico-Mechanical and Biological Durability of Citric Acid-Bonded Rubberwood Particleboard. <i>Polymers</i> , 2021, 13, 98.	2.0	14

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19	ADHESION CHARACTERISTICS OF PHENOL FORMALDEHYDE PRE-PREG OIL PALM STEM VENEERS. <i>BioResources</i> , 2012, 7, .	0.5	13
20	Durability of phenolic-resin-treated sesenduk (<i>Endospermum diadenum</i>) and jelutong (<i>Dyera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 553-555.	1.3	13
21	Characterization and Optimization of the Glyoxalation of a Methanol-Fractionated Alkali Lignin using Response Surface Methodology. <i>BioResources</i> , 2015, 10, .	0.5	11
22	Sorption isotherm and physico-mechanical properties of kedondong (<i>Canarium</i> spp.) wood treated with phenolic resin. <i>Construction and Building Materials</i> , 2021, 288, 123060.	3.2	11
23	Effects of superheated steam treatment on the physical and mechanical properties of light red meranti and kedondong wood. <i>Journal of Tropical Forest Science</i> , 2018, 30, 384-392.	0.1	11
24	Possibility of enhancing the dimensional stability of jelutong (<i>Dyera costulata</i>) wood using glyoxalated alkali lignin-phenolic resin as bulking agent. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 269-282.	1.3	10
25	Chemical, physico-mechanical properties and biological durability of rubberwood particleboards after post heat-treatment in palm oil. <i>Holzforschung</i> , 2018, 72, 159-167.	0.9	9
26	Durability of Superheated Steam-Treated Light Red Meranti (<i>Shorea</i> spp.) and Kedondong (<i>Canarium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 158-167.	1.8	9
27	Polygon Sawing: An Optimum Sawing Pattern for Oil Palm Stems. <i>Journal of Biological Sciences</i> , 2006, 6, 744-749.	0.1	9
28	Buffering Capacity of Fast-Growing Species and Curing Time of UF Resin Modified With Zinc Borate and Monoammonium Phosphate. <i>American Journal of Applied Sciences</i> , 2010, 7, 1079-1082.	0.1	8
29	Dimensional stability of heat oil-cured particleboard made with oil palm trunk and rubberwood. <i>European Journal of Wood and Wood Products</i> , 2017, 75, 285-288.	1.3	8
30	Influence of <i>Chrysosporthe deuterocubensis</i> Canker Disease on the Physical and Mechanical Properties of <i>Eucalyptus urograndis</i> . <i>Forests</i> , 2021, 12, 639.	0.9	8
31	Effects of Diffusion Process and Compression on Polymer Loading of Laminated <i>Compreg</i> Oil Palm (<i>Elaeis guineensis</i>) Wood and Its Relation to Properties. <i>Journal of Biobased Materials and Bioenergy</i> , 2014, 8, 519-525.	0.1	8
32	Physical and morphological properties of nanoclay in low molecular weight phenol formaldehyde resin by ultrasonication. <i>International Journal of Adhesion and Adhesives</i> , 2015, 62, 124-129.	1.4	7
33	Physico-mechanical properties of particleboard made from heat-treated rubberwood particles. <i>European Journal of Wood and Wood Products</i> , 2017, 75, 655-658.	1.3	7
34	Boric Acid Toxicity Trials on the Wood Borer & Heterobostrychus aequalis & Waterhouse (Coleoptera: Bostrychidae). <i>American Journal of Agricultural and Biological Science</i> , 2011, 6, 84-91.	0.9	5
35	Medium Density Fibreboard Made from Kenaf (<i>Hibiscus cannabinus</i> L.) Stem: Effect of Thermo-mechanical Refining and Resin Content. <i>BioResources</i> , 2014, 9, .	0.5	5
36	Addition of ammonium hydroxide as formaldehyde scavenger for sesenduk (<i>Endospermum diadenum</i>) wood compregnated using phenolic resins. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 277-280.	1.3	5

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55	Synthesis and Thermal Stability of Glyoxalated Alkali Lignin-Polyvinylpyrrolidone Resins. BioResources, 2016, 11, .	0.5	0
56	Ecotoxicity of heat-treated Kapur and Japanese larch. European Journal of Wood and Wood Products, 2016, 74, 243-248.	1.3	0
57	Biological durability and deterioration of oil palm biomass. , 2022, , 57-67.		0