

Zaidon Ashaari

List of Publications by Year in descending order

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57
papers

778
citations

623734
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580821
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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.	7.2	100
2	Lignin-based copolymer adhesives for composite wood panels – A review. <i>International Journal of Adhesion and Adhesives</i> , 2019, 95, 102408.	2.9	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.	6.9	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.	2.6	38
5	Hydrothermal Modification of Wood: A Review. <i>Polymers</i> , 2021, 13, 2612.	4.5	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.	5.2	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.	3.9	28
8	Nonwood-Based Composites. <i>Current Forestry Reports</i> , 2015, 1, 221-238.	7.4	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.	3.1	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.	0.3	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.	2.9	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.	2.9	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.	2.9	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.	0.3	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.	3.2	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.	3.0	14
17	Characterisation of Sequential Solvent Fractionation and Base-catalysed Depolymerisation of Treated Alkali Lignin. <i>BioResources</i> , 2015, 10, 4137-4151.	1.0	14
18	Physico-Mechanical and Biological Durability of Citric Acid-Bonded Rubberwood Particleboard. <i>Polymers</i> , 2021, 13, 98.	4.5	14

19	ADHESION CHARACTERISTICS OF PHENOL FORMALDEHYDE PRE-PREG OIL PALM STEM VENEERS. BioResources, 2012, 7, .	1.0	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 70 553-555.	2.9	13
21	Characterization and Optimization of the Glyoxalation of a Methanol-Fractionated Alkali Lignin using Response Surface Methodology. BioResources, 2015, 10, .	1.0	11
22	Sorption isotherm and physico-mechanical properties of kedondong (<i>Canarium</i> spp.) wood treated with phenolic resin. Construction and Building Materials, 2021, 288, 123060.	7.2	11
23	Effects of superheated steam treatment on the physical and mechanical properties of light red meranti and kedondong wood. Journal of Tropical Forest Science, 2018, 30, 384-392.	0.2	11
24	Possibility of enhancing the dimensional stability of jelutong (<i>Dyera costulata</i>) wood using glyoxalated alkali lignin-phenolic resin as bulking agent. European Journal of Wood and Wood Products, 2018, 76, 269-282.	2.9	10
25	Chemical, physico-mechanical properties and biological durability of rubberwood particleboards after post heat-treatment in palm oil. Holzforschung, 2018, 72, 159-167.	1.9	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 70 3.2	3.2	9
27	Polygon Sawing: An Optimum Sawing Pattern for Oil Palm Stems. Journal of Biological Sciences, 2006, 6, 744-749.	0.3	9
28	Buffering Capacity of Fast-Growing Species and Curing Time of UF Resin Modified With Zinc Borate and Monoammonium Phosphate. American Journal of Applied Sciences, 2010, 7, 1079-1082.	0.2	8
29	Dimensional stability of heat oil-cured particleboard made with oil palm trunk and rubberwood. European Journal of Wood and Wood Products, 2017, 75, 285-288.	2.9	8
30	Influence of <i>Chrysoporthe deuterocubensis</i> Canker Disease on the Physical and Mechanical Properties of <i>Eucalyptus urograndis</i> . Forests, 2021, 12, 639.	2.1	8
31	Effects of Diffusion Process and Compression on Polymer Loading of Laminated <I>Compreg</I> Oil Palm (<I>Elaeis</I> <I>guineensis</I>) Wood and Its Relation to Properties. Journal of Biobased Materials and Bioenergy, 2014, 8, 519-525.	0.3	8
32	Physical and morphological properties of nanoclay in low molecular weight phenol formaldehyde resin by ultrasonication. International Journal of Adhesion and Adhesives, 2015, 62, 124-129.	2.9	7
33	Physico-mechanical properties of particleboard made from heat-treated rubberwood particles. European Journal of Wood and Wood Products, 2017, 75, 655-658.	2.9	7
34	Boric Acid Toxicity Trials on the Wood Borer &Heterobostrychus aequalis& Waterhouse (Coleoptera: Bostrychidae). American Journal of Agricultural and Biological Science, 2011, 6, 84-91.	0.4	5
35	Medium Density Fibreboard Made from Kenaf (<i>Hibiscus cannabinus</i> L.) Stem: Effect of Thermo-mechanical Refining and Resin Content. BioResources, 2014, 9, .	1.0	5

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37	Effects of Ammonium Carbonate Post Treatment on Phenolic Resin Treated Sesenduk (<i>Endospermum</i>) Tj ETQq1 1 0,784314 ggBT /Over	0.5	5
38	Chemical Constituents of Oil-Cured Tropical Bamboo <i>Gigantochloa scortechinii</i> . Journal of Applied Sciences, 2008, 9, 149-154.	0.3	5
39	Effects of Peroxide and Oxalic Acid Bleaching on the Colour and Gluing Properties of Some Tropical Bamboos. Journal of Biological Sciences, 2004, 4, 90-94.	0.3	5
40	Strength improvement of jelutong (<i>Dyera costulata</i>) wood via phenolic resin treatments. Journal of the Indian Academy of Wood Science, 2015, 12, 132-136.	0.9	4
41	Properties of Wood Polymer Nanocomposites Impregnated With ST&eac&EEDA/Nanoclay. Macromolecular Symposia, 2017, 371, 125-128.	0.7	3
42	Effects of pressing cycles and durations on the properties of compreg oil palm wood. Wood Material Science and Engineering, 2019, 14, 59-65.	2.3	3
43	Application strategies by selective medium treated with entomopathogenic bacteria <i>Serratia marcescens</i> and <i>Pseudomonas aeruginosa</i> as potential biocontrol against <i>Coptotermes curvignathus</i> . Royal Society Open Science, 2021, 8, 201311.	2.4	3
44	Physico-mechanical properties of light red meranti (<i>Shorea</i> spp.) and kedondong (<i>Canarium</i> spp.) wood heat treated in convection oven. Journal of the Indian Academy of Wood Science, 2018, 15, 41-44.	0.9	2
45	Septicaemia of subterranean termites <i>Coptotermes curvignathus</i> caused by disturbance of bacteria isolated from termite gut and its foraging pathways. Royal Society Open Science, 2020, 7, 200847.	2.4	2
46	Development and Characterization of Wood and Non-wood Particle Based Green Composites. Green Energy and Technology, 2017, , 181-198.	0.6	2
47	Low viscosity melamine urea formaldehyde resin as a bulking agent in reducing formaldehyde emission of treated wood. BioResources, 2020, 15, 2195-2211.	1.0	2
48	A CONCEPTUAL REVIEW OF WEATHERING TESTING USING MALAYSIAN TROPICAL TIMBER. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	1
49	Effect of different diameters and rake angles of Forstner bit on the quality of drilling on treated oil palm wood. European Journal of Wood and Wood Products, 2018, 76, 369-374.	2.9	1
50	Nitrogen deposition and release pattern of slow release fertiliser made from urea-impregnated oil palm frond and rubberwood chips. Journal of Forestry Research, 2019, 30, 2087-2094.	3.6	1
51	A preliminary study on physical and mechanical properties of particleboard made from palm oil-treated rubberwood particles. Journal of the Indian Academy of Wood Science, 2019, 16, 27-30.	0.9	1
52	Synthesis and evaluation of low viscosity melamine urea formaldehyde for bulking treatment of wood. Journal of the Indian Academy of Wood Science, 2020, 17, 176-182.	0.9	1
53	Laminated veneer lumber from spindleless rotary-peeled veneers produced from short rotation, small Hevea plantation logs: Effects of lamination pressure. BioResources, 2020, 15, 6735-6751.	1.0	1
54	Physical Properties of Hydrothermally Treated Rubberwood [<i>Hevea brasiliensis</i> (Willd. ex A. Juss.) M&A34ll. Arg.] in Different Buffered Media. Forests, 2022, 13, 1052.	2.1	1

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55	Synthesis and Thermal Stability of Glyoxalated Alkali Lignin-Polyvinylpyrrolidone Resins. BioResources, 2016, 11, .	1.0	0
56	Ecotoxicity of heat-treated Kapur and Japanese larch. European Journal of Wood and Wood Products, 2016, 74, 243-248.	2.9	0
57	Biological durability and deterioration of oil palm biomass. , 2022, , 57-67.		0