

Zaidon Ashaari

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

778
citations

706676

14
h-index

651938

25
g-index

57
all docs

57
docs citations

57
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological durability and deterioration of oil palm biomass. , 2022, , 57-67.		0
2	Physical Properties of Hydrothermally Treated Rubberwood [<i>Hevea brasiliensis</i> (Willd. ex A. Juss.) Mill. Arg.] in Different Buffered Media. <i>Forests</i> , 2022, 13, 1052.	0.9	1
3	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
4	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> . <i>Royal Society Open Science</i> , 2021, 8, 201311.	1.1	3
5	Influence of <i>Chrysoporthe deuterocubensis</i> Canker Disease on the Physical and Mechanical Properties of <i>Eucalyptus urograndis</i> . <i>Forests</i> , 2021, 12, 639.	0.9	8
6	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
7	Hydrothermal Modification of Wood: A Review. <i>Polymers</i> , 2021, 13, 2612.	2.0	34
8	Physico-Mechanical and Biological Durability of Citric Acid-Bonded Rubberwood Particleboard. <i>Polymers</i> , 2021, 13, 98.	2.0	14
9	Septicaemia of subterranean termites <i>Coptotermes curvignathus</i> caused by disturbance of bacteria isolated from termite gut and its foraging pathways. <i>Royal Society Open Science</i> , 2020, 7, 200847.	1.1	2
10	Synthesis and evaluation of low viscosity melamine urea formaldehyde for bulking treatment of wood. <i>Journal of the Indian Academy of Wood Science</i> , 2020, 17, 176-182.	0.3	1
11	Durability of Superheated Steam-Treated Light Red Meranti (<i>Shorea</i> spp.) and Kedondong (<i>Canarium</i>) Tj ETQq1 1 0,784314 rgBT /Ove	1.6	9
12	Laminated veneer lumber from spindleless rotary-peeled veneers produced from short rotation, small <i>Hevea</i> plantation logs: Effects of lamination pressure. <i>BioResources</i> , 2020, 15, 6735-6751.	0.5	1
13	Low viscosity melamine urea formaldehyde resin as a bulking agent in reducing formaldehyde emission of treated wood. <i>BioResources</i> , 2020, 15, 2195-2211.	0.5	2
14	Nitrogen deposition and release pattern of slow release fertiliser made from urea-impregnated oil palm frond and rubberwood chips. <i>Journal of Forestry Research</i> , 2019, 30, 2087-2094.	1.7	1
15	Lignin-based copolymer adhesives for composite wood panels – A review. <i>International Journal of Adhesion and Adhesives</i> , 2019, 95, 102408.	1.4	86
16	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
17	A preliminary study on physical and mechanical properties of particleboard made from palm oil-treated rubberwood particles. <i>Journal of the Indian Academy of Wood Science</i> , 2019, 16, 27-30.	0.3	1
18	Effects of pressing cycles and durations on the properties of compreg oil palm wood. <i>Wood Material Science and Engineering</i> , 2019, 14, 59-65.	1.1	3

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19	Physico-mechanical properties of light red meranti (<i>Shorea</i> spp.) and kedondong (<i>Canarium</i> spp.) wood heat treated in convection oven. <i>Journal of the Indian Academy of Wood Science</i> , 2018, 15, 41-44.	0.3	2
20	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
21	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
22	Effect of different diameters and rake angles of Forstner bit on the quality of drilling on treated oil palm wood. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 369-374.	1.3	1
23	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
24	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
25	Thermal treatment of wood using vegetable oils: A review. <i>Construction and Building Materials</i> , 2018, 181, 408-419.	3.2	100
26	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
27	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
28	Properties of Wood Polymer Nanocomposites Impregnated With STâ€œoâ€œEDA/Nanoclay. <i>Macromolecular Symposia</i> , 2017, 371, 125-128.	0.4	3
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	Development and Characterization of Wood and Non-wood Particle Based Green Composites. <i>Green Energy and Technology</i> , 2017, , 181-198.	0.4	2
31	Synthesis and Thermal Stability of Glyoxalated Alkali Lignin-Polyvinylpyrrolidone Resins. <i>BioResources</i> , 2016, 11, .	0.5	0
32	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
33	Ecotoxicity of heat-treated Kapur and Japanese larch. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 243-248.	1.3	0
34	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
35	Characterization and Optimization of the Glyoxalation of a Methanol-Fractionated Alkali Lignin using Response Surface Methodology. <i>BioResources</i> , 2015, 10, .	0.5	11
36	Characterisation of Sequential Solvent Fractionation and Base-catalysed Depolymerisation of Treated Alkali Lignin. <i>BioResources</i> , 2015, 10, 4137-4151.	0.5	14

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37	A CONCEPTUAL REVIEW OF WEATHERING TESTING USING MALAYSIAN TROPICAL TIMBER. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	1
38	Nonwood-Based Composites. Current Forestry Reports, 2015, 1, 221-238.	3.4	21
39	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.	0.3	4
40	Durability of phenolic-resin-treated sesenduk (<i>Endospermum diadenum</i>) and jelutong (<i>Dyera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 553-555.	1.3	13
41	Characterisation of phenolic resin and nanoclay admixture and its effect on impreg wood. Wood Science and Technology, 2015, 49, 1209-1224.	1.4	16
42	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.	1.4	7
43	Microstructural Study, Tensile Properties, and Scanning Electron Microscopy Fractography Failure Analysis of Various Agricultural Residue Fibers. Journal of Natural Fibers, 2015, 12, 154-168.	1.7	21
44	Effects of Ammonium Carbonate Post Treatment on Phenolic Resin Treated Sesenduk (<i>Endospermum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	5
45	Medium Density Fibreboard Made from Kenaf (<i>Hibiscus cannabinus</i> L.) Stem: Effect of Thermo-mechanical Refining and Resin Content. BioResources, 2014, 9, .	0.5	5
46	Influence of Resin Molecular Weight on Curing and Thermal Degradation of Plywood Made From Phenolic Prepreg Palm Veneers. Journal of Adhesion, 2014, 90, 210-229.	1.8	14
47	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.	0.1	8
48	Durability of phenolic-resin-treated oil palm wood against subterranean termites a white-rot fungus. International Biodeterioration and Biodegradation, 2013, 85, 126-130.	1.9	28
49	ADHESION CHARACTERISTICS OF PHENOL FORMALDEHYDE PRE-PREG OIL PALM STEM VENEERS. BioResources, 2012, 7, .	0.5	13
50	Boric Acid Toxicity Trials on the Wood Borer &i&t;Heterobostrychus aequalis&i&t; Waterhouse (Coleoptera: Bostrychidae). American Journal of Agricultural and Biological Science, 2011, 6, 84-91.	0.9	5
51	Enhancing the Properties of Low Density Hardwood <i>Dyera costulata</i> Through Impregnation with Phenolic Resin Admixed with Formaldehyde Scavenger. Journal of Applied Sciences, 2011, 11, 3474-3481.	0.1	20
52	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.	0.1	8
53	Acacia mangium Tannin as Formaldehyde Scavenger for Low Molecular Weight Phenol-Formaldehyde Resin in Bonding Tropical Plywood. Journal of Adhesion Science and Technology, 2010, 24, 1653-1664.	1.4	38
54	Chemical Constituents of Oil-Cured Tropical Bamboo <i>Gigantochloa scortechinii</i> . Journal of Applied Sciences, 2008, 9, 149-154.	0.1	5

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55	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
56	Polygon Sawing: An Optimum Sawing Pattern for Oil Palm Stems. <i>Journal of Biological Sciences</i> , 2006, 6, 744-749.	0.1	9
57	Effects of Peroxide and Oxalic Acid Bleaching on the Colour and Gluing Properties of Some Tropical Bamboos. <i>Journal of Biological Sciences</i> , 2004, 4, 90-94.	0.1	5