Anwar,UMK

List of Publications by Year
in descending order

41	1,158	567281 15	395702 33
papers	citations	h-index	g-index

41	41	41	977
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sugar palm (Arenga pinnata): Its fibres, polymers and composites. Carbohydrate Polymers, 2013, 91, 699-710.	10.2	191
2	Effects of fiber treatment on morphology, tensile and thermogravimetric analysis of oil palm empty fruit bunches fibers. Composites Part B: Engineering, 2013, 45, 1251-1257.	12.0	190
3	Characterization of sugar palm (Arenga pinnata) fibres. Journal of Thermal Analysis and Calorimetry, 2012, 109, 981-989.	3.6	125
4	Effect of fiber extraction methods on some properties of kenaf bast fiber. Industrial Crops and Products, 2013, 46, 117-123.	5.2	87
5	Effect of curing time on physical and mechanical properties of phenolic-treated bamboo strips. Industrial Crops and Products, 2009, 29, 214-219.	5.2	79
6	Properties of particleboard made from kenaf (Hibiscus cannabinus L.) as function of particle geometry. Materials & Design, 2012, 34, 406-411.	5.1	65
7	Properties of medium density fibreboard (MDF) from kenaf (Hibiscus cannabinus L.) core as function of refining conditions. Composites Part B: Engineering, 2013, 44, 592-596.	12.0	38
8	Effect of wood species, clamping pressure and glue spread rate on the bonding properties of cross-laminated timber (CLT) manufactured from tropical hardwoods. Construction and Building Materials, 2021, 273, 121721.	7.2	36
9	Effect of treatment on water absorption behavior of natural fiberâ€“reinforced polymer composites. , 2019, , 141-156.		35
10	Chemical Composition and FT-IR Spectra of Sugar Palm (Arenga pinnata) Fibers Obtained from Different Heights. Journal of Natural Fibers, 2013, 10, 83-97.	3.1	28
11	Anatomical, physical, and mechanical properties of thirteen Malaysian bamboo species. BioResources, 2019, 14, 3925-3943.	1.0	28
12	Effect of outdoor exposure on some properties of resin-treated plybamboo. Industrial Crops and Products, 2011, 33, 140-145.	5.2	24
13	Impregnation modification of sugar palm fibres with phenol formaldehyde and unsaturated polyester. Fibers and Polymers, 2013, 14, 250-257.	2.1	23
14	Enhancing the Properties of Low Density Hardwood Dyera costulata Through Impregnation with Phenolic Resin Admixed with Formaldehyde Scavenger. Journal of Applied Sciences, 2011, 11, 3474-3481.	0.3	20
15	IFSS, TG, FT-IR spectra of impregnated sugar palm (Arenga pinnata) fibres and mechanical properties of their composites. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1375-1383.	3.6	19
16	Effect of ACQ treatment on surface quality and bonding performance of four Malaysian hardwoods and cross laminated timber (CLT). European Journal of Wood and Wood Products, 2021, 79, 285-299.	2.9	18
17	Characterisation of phenolic resin and nanoclay admixture and its effect on impreg wood. Wood Science and Technology, 2015, 49, 1209-1224.	3.2	16
18	Evaluations of some physical properties for oil palm as alternative biomass resources. Wood Material Science and Engineering, 2013, 8, 119-128.	2.3	14

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19	Adhesion and Bonding Characteristics of Preservative-Treated Bamboo (Gigantochloa scortechinii) Laminates. Journal of Applied Sciences, 2010, 10, 1435-1441.	0.3	14
20	ADHESION CHARACTERISTICS OF PHENOL FORMALDEHYDE PRE-PREG OIL PALM STEM VENEERS. BioResources, 2012, 7, .	1.0	13
21	Sorption isotherm and physico-mechanical properties of kedondong (Canarium spp.) wood treated with phenolic resin. Construction and Building Materials, 2021, 288, 123060.	7.2	11
22	EFFECTS OF ANATOMICAL CHARACTERISTICS AND WOOD DENSITY ON SURFACE ROUGHNESS AND THEIR RELATION TO SURFACE WETTABILITY OF HARDWOOD. Journal of Tropical Forest Science, 2019, 31, 269-277.	0.2	11
23	Properties of three-layer particleboards made from kenaf (Hibiscus cannabinus L.) and rubberwood (Hevea brasiliensis). Materials & Design, 2012, 40, 59-63.	5.1	9
24	Isothermal crystallization kinetics and mechanical properties of PLA/Kenaf biocomposite: Comparison between alkaline treated kenaf core and bast reinforcement. Materials Letters, 2022, 319, 132294.	2.6	8
25	The potential of utilising bamboo culm (Gigantochloa scortechinii) in the production of structural plywood. Perspectives on Global Development and Technology, 2004, 3, 393-400.	0.4	7
26	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
27	Affect of adhesion and properties of kenaf (Hibiscus cannabinusL.) stem in particleboard performance. Journal of Adhesion Science and Technology, 2014, 28, 546-560.	2.6	6
28	Evaluation of surface quality of some Malaysian species as function of outdoor exposure. Journal of Materials Processing Technology, 2008, 199, 156-162.	6.3	5
29	Water vapour sorption behaviour and physico-mechanical properties of methyl methacrylate (MMA)- and MMAâ€“styrene-modified batai (Paraserianthes falcataria) wood. Holzforschung, 2021, 75, 444-451.	1.9	5
30	Effects of surface pretreatment on wettability of Acacia mangium wood. Journal of Tropical Forest Science, 2019, 31, 249-258.	0.2	5
31	Anatomical, physical, and mechanical properties of four pioneer species in Malaysia. Journal of Wood Science, 2020, 66, .	1.9	5
32	Resistance improvement of rubberwood treated with zinc oxide nanoparticles and phenolic resin against white-rot fungi, Pycnoporus sanguineus. Maderas: Ciencia Y Tecnologia, 2019, , 0-0.	0.7	4
33	Tensile Properties of Untreated Bambusa Vulgaris, Gigantoch-loa Levis Gigantochloa Scortechinii, Gigantochloa Wrayi, and Schizostachyum Zollingeri Bamboo Fibers. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 314-319.	0.2	3
34	Properties of water-borne coating incorporate with nanoclay. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012026.	0.6	2
35	IMPROVED PERFORMANCE OF WOOD POLYMER NANOCOMPOSITE IMPREGNATED WITH METAL OXIDE NANOPARTICLE-REINFORCED PHENOL FORMALDEHYDE RESIN. Journal of Tropical Forest Science, 2021, 33, 77-87.	0.2	2
36	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

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37	Finishing performance of Acacia mangium wood surface-treated with methanol. Journal of Adhesion, 2020, , 1-20.	3.0	1
38	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
39	EFFECTS OF NANOCLAY CONTENTS ON THE PROPERTIES OF WATER-BASED COATING. Journal of Tropical Forest Science, 2019, 31, 353-361.	0.2	1
40	PRODUCTION OF HIGH-PERFORMANCE LOW DENSITY FIBREBOARD FROM CO-REFINED RUBBERWOOD-KENAF CORE FIBRES. Journal of Tropical Forest Science, 2020, 32, 17-24.	0.2	0
41	Effect of impregnation on hybrid mesoporous silica / kenaf reinforced epoxy composites in term of flexural, compressive and water absorption properties. Journal of Mechanical Engineering and Sciences, 2020, 14, 7528-7539.	0.6	0