

Effendi Tri Bahtiar

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

300
citations

932766

10
h-index

887659

17
g-index

24
all docs

24
docs citations

24
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural grading of <i>Gigantochloa apus</i> bamboo based on its flexural properties. <i>Construction and Building Materials</i> , 2017, 157, 1173-1189.	3.2	39
2	Structural grading of three sympodial bamboo culms (Hitam, Andong, and Tali) subjected to axial compressive load. <i>Engineering Structures</i> , 2019, 181, 233-245.	2.6	33
3	Experimental study on buckling resistance of <i>Guadua angustifolia</i> bamboo column. <i>Engineering Structures</i> , 2021, 228, 111548.	2.6	28
4	Vascular Bundle Distribution Effect on Density and Mechanical Properties of Oil Palm Trunk. <i>Asian Journal of Plant Sciences</i> , 2013, 12, 208-213.	0.2	27
5	The quality of 8 and 10 years old samama wood (<i>Anthocephalus macrophyllus</i>). <i>Journal of the Indian Academy of Wood Science</i> , 2015, 12, 22-28.	0.3	26
6	Compression resistance of short members as the basis for structural grading of <i>Guadua angustifolia</i> . <i>Construction and Building Materials</i> , 2020, 249, 118759.	3.2	22
7	Mechanical stress grading of tropical timbers without regard to species. <i>Journal of Wood Science</i> , 2005, 51, 339-347.	0.9	18
8	Analysis on Wood Quality, Geometry Factor, and Their Effects on Lathe Check of Samama (<i>Anthocephalus macrophyllus</i>) Veneer. <i>Journal of the Korean Wood Science and Technology</i> , 2016, 44, 828-841.	0.8	14
9	Termite Diversity in Urban Landscape, South Jakarta, Indonesia. <i>Insects</i> , 2016, 7, 20.	1.0	13
10	<i>Coptotermes curvignathus</i> Holmgren (Isoptera: Rhinotermitidae) Capability to Maintain the Temperature Inside its Nests. <i>Journal of Entomology</i> , 2016, 13, 199-202.	0.2	11
11	Eccentricity Effect on Bamboo's Flexural Properties. <i>Journal of Biological Sciences</i> , 2013, 13, 82-87.	0.1	10
12	Daily Cycle of Air Temperature and Relative Humidity Effect to Creep Deflection of Wood Component of Low-cost House in Cibereum-Bogor, West Java, Indonesia. <i>Asian Journal of Scientific Research</i> , 2014, 7, 501-512.	0.3	9
13	Human Comfort Period Outside and Inside Bamboo Stands. <i>Journal of Environmental Science and Technology</i> , 2014, 7, 245-265.	0.3	9
14	Development of composite beams made from tali (<i>Gigantochloa apus</i>) and hitam bamboo (<i>Gigantochloa</i>) Tj ETQq0,0,0 rgBT /Overlock 1	0.3	6
15	Exponential Curve Modification by Linear and Nonlinear Function to Fit the Fiber Length of Teakwood (<i>Tectona grandis</i>). <i>Journal of Biological Sciences</i> , 2014, 14, 183-194.	0.1	6
16	Rasio Ikatan Pembuluh sebagai Substitusi Rasio Modulus Elastisitas pada Analisa Layer System pada Bilah Bambu dan Bambu Laminasi. <i>Jurnal Teknik Sipil</i> , 2016, 21, 147.	0.1	6
17	Buckling formulas for designing a column with <i>Gigantochloa apus</i> . <i>Case Studies in Construction Materials</i> , 2021, 14, e00516.	0.8	4
18	Pendugaan Sisa Umur Pakai Kayu Komponen Cooling Tower di Pembangkit Listrik Tenaga Panas Bumi (PLTP) Unit II Kamojang. <i>Jurnal Teknik Sipil</i> , 2016, 19, 103.	0.1	4

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19	Enhancement of the Mechanical, Self-Healing and Pollutant Adsorption Properties of Mortar Reinforced with Empty Fruit Bunches and Shell Chars of Oil Palm. <i>Polymers</i> , 2022, 14, 410.	2.0	4
20	Wood Deterioration of Cooling Tower Structure at Geothermal Power Plant. <i>Asian Journal of Applied Sciences</i> , 2017, 10, 79-87.	0.4	3
21	KEKUATAN BAMBU BETUNG (<i>Dendrocalamus asper</i> Backer ex K.Heyne) MENAHAN GAYA NORMAL TEKANAN DAN TARIKAN. <i>Jurnal Penelitian Hasil Hutan</i> , 2022, 40, 37-48.	0.2	3
22	A New Method To Estimate Modulus Of Elasticity And Modulus Of Rupture Of Glulam I-Joist. , 2010, , .		2
23	Estimation the remaining service-lifetime of wooden structure of geothermal cooling tower. <i>Case Studies in Construction Materials</i> , 2017, 6, 91-102.	0.8	2
24	Triangle bracing system to reduce the vibration level of cooling tower “ case study in PT Star Energy Geothermal (Wayang Windu) Ltd “ Indonesia. <i>Case Studies in Construction Materials</i> , 2018, 8, 248-257.	0.8	1