

Effendi Tri Bahtiar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

158
citations

9
h-index

12
g-index

24
ext. papers

220
ext. citations

2
avg, IF

3.01
L-index

#	Paper	IF	Citations
20	Buckling formulas for designing a column with <i>Gigantochloa apus</i> . <i>Case Studies in Construction Materials</i> , 2021 , 14, e00516	2.7	1
19	Experimental study on buckling resistance of <i>Guadua angustifolia</i> bamboo column. <i>Engineering Structures</i> , 2021 , 228, 111548	4.7	8
18	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	6.7	9
17	Structural grading of three sympodial bamboo culms (Hitam, Andong, and Tali) subjected to axial compressive load. <i>Engineering Structures</i> , 2019 , 181, 233-245	4.7	15
16	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	2.7	0
15	Estimation the remaining service-lifetime of wooden structure of geothermal cooling tower. <i>Case Studies in Construction Materials</i> , 2017 , 6, 91-102	2.7	1
14	Structural grading of <i>Gigantochloa apus</i> bamboo based on its flexural properties. <i>Construction and Building Materials</i> , 2017 , 157, 1173-1189	6.7	22
13	Wood Deterioration of Cooling Tower Structure at Geothermal Power Plant. <i>Asian Journal of Applied Sciences</i> , 2017 , 10, 79-87	0.4	2
12	<i>Coptotermes curvignathus</i> Holmgren (Isoptera: Rhinotermitidae) Capability to Maintain the Temperature Inside its Nests. <i>Journal of Entomology</i> , 2016 , 13, 199-202	0.3	9
11	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	1	3
10	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	2	10
9	Termite Diversity in Urban Landscape, South Jakarta, Indonesia. <i>Insects</i> , 2016 , 7,	2.8	10
8	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	0.8	16
7	Development of composite beams made from tali (<i>Gigantochloa apus</i>) and hitam bamboo (<i>Gigantochloa atroviolacea</i>). <i>Journal of the Indian Academy of Wood Science</i> , 2014 , 11, 156-161	0.8	4
6	Daily Cycle of Air Temperature and Relative Humidity Effect to Creep Deflection of Wood Component of Low-cost House in Cibeureum-Bogor, West Java, Indonesia. <i>Asian Journal of Scientific Research</i> , 2014 , 7, 501-512	0.3	3
5	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	0.4	2
4	Human Comfort Period Outside and Inside Bamboo Stands. <i>Journal of Environmental Science and Technology</i> , 2014 , 7, 245-265	0.6	4

3	Vascular Bundle Distribution Effect on Density and Mechanical Properties of Oil Palm Trunk. <i>Asian Journal of Plant Sciences</i> , 2013 , 12, 208-213	0.6	19
2	Eccentricity Effect on Bamboo's Flexural Properties. <i>Journal of Biological Sciences</i> , 2013 , 13, 82-87	0.4	8
1	Mechanical stress grading of tropical timbers without regard to species. <i>Journal of Wood Science</i> , 2005 , 51, 339-347	2.4	10