Jung-Kwon Oh

List of Publications by Year
in descending order

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43	268	1040056	996975
papers	citations	9 h-index	15 g-index

43	43	43	205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of bending performance for a separable CLT-concrete composite slab connected by notch connectors. Journal of Building Engineering, 2022, 49, 103900.	3.4	4
2	Nano/Micro Hybrid Bamboo Fibrous Preforms for Robust Biodegradable Fiber Reinforced Plastics. Polymers, 2021, 13, 636.	4.5	10
3	Lateral resistance of mass timber shear wall connected by withdrawal-type connectors. Journal of Wood Science, 2021, 67, .	1.9	0
4	Prediction of Withdrawal Resistance of Single Screw on Korean Wood Products. Journal of the Korean Wood Science and Technology, 2021, 49, 93-102.	3.0	21
5	Prediction of withdrawal resistance for a screw in hybrid cross-laminated timber. Journal of Wood Science, 2020, 66, .	1.9	7
6	Sensitivity of censored data analysis to determine the characteristic value of structural timber. Journal of Wood Science, 2020, 66, .	1.9	4
7	Moment and shear capacity of Ply-lam composed with plywood and structural timber under out-of-plane bending. Journal of Wood Science, 2019, 65, .	1.9	8
8	Stochastic model for predicting the bending strength of glued-laminated timber based on the knot area ratio and localized MOE in lamina. Journal of Wood Science, 2018, 64, 126-137.	1.9	4
9	Performance of Canadian glulam columns with new laminae E requirements. Engineering Structures, 2018, 172, 85-93.	5.3	3
10	Effect of incising on the long-term biodeterioration resistance of alkaline copper quaternary (ACQ) treated wood. European Journal of Wood and Wood Products, 2017, 75, 777-783.	2.9	5
11	Shear behavior of cross-laminated timber wall consisting of small panels. Journal of Wood Science, 2017, 63, 45-55.	1.9	11
12	Surface Checking Reduction Effect of Preservative-treated Korean Larch Round-woods with Various Physical Treatments. Journal of the Korean Wood Science and Technology, 2017, 45, 107-115.	3.0	3
13	End Distance of Single-shear Screw Connection in Cross Laminated Timber. Journal of the Korean Wood Science and Technology, 2017, 45, 746-752.	3.0	9
14	The effect of controlling the drying distortion of laminas on the production yield of cross-laminated timber (CLT) using Larix kaempferi wood. European Journal of Wood and Wood Products, 2016, 74, 519-526.	2.9	4
15	Parametric study on the capability of three-dimensional finite element analysis (3D-FEA) of compressive behaviour of Douglas fir. Holzforschung, 2016, 70, 539-546.	1.9	6
16	Development of stress wave indices for heart-rot detection in teak tree. Wood Science and Technology, 2015, 49, 1021-1035.	3.2	1
17	Improvement of robustness in ultrasonic attenuation spectroscopy for detecting internal insect damage in wood member of cultural heritage. Journal of Wood Science, 2015, 61, 136-142.	1.9	5
18	Dual-energy X-ray absorptiometry with digital radiograph for evaluating moisture content of green wood. Wood Science and Technology, 2015, 49, 713-723.	3.2	5

#	Article	IF	Citations
19	Prediction of compressive strength of cross-laminated timber panel. Journal of Wood Science, 2015, 61, 28-34.	1.9	22
20	Analysis of Allowable Stresses of Machine Graded Lumber in Korea. Journal of the Korean Wood Science and Technology, 2015, 43, 456-462.	3.0	1
21	Service Life Estimation of ACQ-treated Wood Based on Biodeterioration Resistance. Journal of the Korean Wood Science and Technology, 2015, 43, 641-651.	3.0	2
22	Investigation of Color Difference in ACQ and CBHDO Treated Wood During Two-year Outdoor Exposure. Journal of the Korean Wood Science and Technology, 2015, 43, 265-273.	3.0	1
23	Determination of Grades and Design Strengths of Machine Graded Lumber in Korea. Journal of the Korean Wood Science and Technology, 2015, 43, 446-455.	3.0	2
24	Yield analysis of Hem-Fir (N) lamina for Japanese visual and machine grade standards. Journal of Wood Science, 2014, 60, 389-395.	1.9	0
25	Density calculation of wood by portable X-ray tube with consideration of penetrating depth. Journal of Wood Science, 2014, 60, 105-110.	1.9	1
26	Feasibility of ultrasonic spectral analysis for detecting insect damage in wooden cultural heritage. Journal of Wood Science, 2014, 60, 21-29.	1.9	14
27	Air Tightness Performance of Residential Timber Frame Buildings. Journal of the Korean Wood Science and Technology, 2014, 42, 89-100.	3.0	2
28	Elasto-plastic Anisotropic Wood Material Model for Finite Solid Element Applications. Journal of the Korean Wood Science and Technology, 2014, 42, 367-375.	3.0	2
29	Dowel-embedment Properties-Based Finite Solid Element Model for Bolted Connections. Journal of the Korean Wood Science and Technology, 2014, 42, 563-570.	3.0	0
30	Behavior of center-bored round timber beams in center-point bending test. Journal of Wood Science, 2013, 59, 389-395.	1.9	2
31	Alternative experimental method to evaluate moment-carrying capacity of traditional wood-to-wood joint with small scale experiment. Holzforschung, 2013, 67, 93-97.	1.9	2
32	Shear Performance of PUR Adhesive in Cross Laminating of Red Pine. Journal of the Korean Wood Science and Technology, 2013, 41, 158-163.	3.0	14
33	X-ray Computed Tomography on Larger Diameter Timber than Digital Detector. Journal of the Korean Wood Science and Technology, 2013, 41, 385-391.	3.0	0
34	Effect of Test Zone Selection for Evaluating Bending Strength of Lumber. Journal of the Korean Wood Science and Technology, 2013, 41, 392-398.	3.0	2
35	Evaluation of Allowable Bending Stress of Dimension Lumber; Confidence Levels and Size-adjustment. Journal of the Korean Wood Science and Technology, 2013, 41, 432-439.	3.0	5
36	Evaluation of dismantled historical wooden members using portable ultrasonic system. , 2012, , .		0

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37	Bending strength distributions and LRFD code conversion of Korean softwood species: Bending strength distributions and LRFD code conversion. , 2012, , .		0
38	Influence of Air-tightness on Heat Energy Performance in Post and Beam Building with Exposed Wood Frame. Journal of the Korean Wood Science and Technology, 2012, 40, 319-326.	3.0	0
39	Influence of crossing-beam shoulder and wood species on moment-carrying capacity in a Korean traditional dovetail joint. Journal of Wood Science, 2011, 57, 195-202.	1.9	14
40	Moment-Carrying Capacity of Dovetailed Mortise and Tenon Joints with or without Beam Shoulder. Journal of Structural Engineering, 2011, 137, 785-789.	3.4	43
41	Characteristic Evaluation of Bending Strength Distributions on Revised Korean Visual Grading Rule. Journal of the Korean Wood Science and Technology, 2011, 39, 1-7.	3.0	7
42	Feasibility of Domestic Yellow Poplar (Liriodendron tulipifera) Dimension Lumber for Structural Uses. Journal of the Korean Wood Science and Technology, 2010, 38, 470-479.	3.0	6
43	Quantification of knots in dimension lumber using a single-pass X-ray radiation. Journal of Wood Science, 2009, 55, 264-272.	1.9	16