

Jung-Kwon Oh

List of Publications by Year in descending order

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43
papers

268
citations

1040056

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#	ARTICLE	IF	CITATIONS
1	Moment-Carrying Capacity of Dovetailed Mortise and Tenon Joints with or without Beam Shoulder. <i>Journal of Structural Engineering</i> , 2011, 137, 785-789.	3.4	43
2	Prediction of compressive strength of cross-laminated timber panel. <i>Journal of Wood Science</i> , 2015, 61, 28-34.	1.9	22
3	Prediction of Withdrawal Resistance of Single Screw on Korean Wood Products. <i>Journal of the Korean Wood Science and Technology</i> , 2021, 49, 93-102.	3.0	21
4	Quantification of knots in dimension lumber using a single-pass X-ray radiation. <i>Journal of Wood Science</i> , 2009, 55, 264-272.	1.9	16
5	Influence of crossing-beam shoulder and wood species on moment-carrying capacity in a Korean traditional dovetail joint. <i>Journal of Wood Science</i> , 2011, 57, 195-202.	1.9	14
6	Feasibility of ultrasonic spectral analysis for detecting insect damage in wooden cultural heritage. <i>Journal of Wood Science</i> , 2014, 60, 21-29.	1.9	14
7	Shear Performance of PUR Adhesive in Cross Laminating of Red Pine. <i>Journal of the Korean Wood Science and Technology</i> , 2013, 41, 158-163.	3.0	14
8	Shear behavior of cross-laminated timber wall consisting of small panels. <i>Journal of Wood Science</i> , 2017, 63, 45-55.	1.9	11
9	Nano/Micro Hybrid Bamboo Fibrous Preforms for Robust Biodegradable Fiber Reinforced Plastics. <i>Polymers</i> , 2021, 13, 636.	4.5	10
10	End Distance of Single-shear Screw Connection in Cross Laminated Timber. <i>Journal of the Korean Wood Science and Technology</i> , 2017, 45, 746-752.	3.0	9
11	Moment and shear capacity of Ply-lam composed with plywood and structural timber under out-of-plane bending. <i>Journal of Wood Science</i> , 2019, 65, .	1.9	8
12	Prediction of withdrawal resistance for a screw in hybrid cross-laminated timber. <i>Journal of Wood Science</i> , 2020, 66, .	1.9	7
13	Characteristic Evaluation of Bending Strength Distributions on Revised Korean Visual Grading Rule. <i>Journal of the Korean Wood Science and Technology</i> , 2011, 39, 1-7.	3.0	7
14	Parametric study on the capability of three-dimensional finite element analysis (3D-FEA) of compressive behaviour of Douglas fir. <i>Holzforschung</i> , 2016, 70, 539-546.	1.9	6
15	Feasibility of Domestic Yellow Poplar (<i>Liriodendron tulipifera</i>) Dimension Lumber for Structural Uses. <i>Journal of the Korean Wood Science and Technology</i> , 2010, 38, 470-479.	3.0	6
16	Improvement of robustness in ultrasonic attenuation spectroscopy for detecting internal insect damage in wood member of cultural heritage. <i>Journal of Wood Science</i> , 2015, 61, 136-142.	1.9	5
17	Dual-energy X-ray absorptiometry with digital radiograph for evaluating moisture content of green wood. <i>Wood Science and Technology</i> , 2015, 49, 713-723.	3.2	5
18	Effect of incising on the long-term biodeterioration resistance of alkaline copper quaternary (ACQ) treated wood. <i>European Journal of Wood and Wood Products</i> , 2017, 75, 777-783.	2.9	5

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19	Evaluation of Allowable Bending Stress of Dimension Lumber; Confidence Levels and Size-adjustment. <i>Journal of the Korean Wood Science and Technology</i> , 2013, 41, 432-439.	3.0	5
20	The effect of controlling the drying distortion of laminas on the production yield of cross-laminated timber (CLT) using <i>Larix kaempferi</i> wood. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 519-526.	2.9	4
21	Stochastic model for predicting the bending strength of glued-laminated timber based on the knot area ratio and localized MOE in lamina. <i>Journal of Wood Science</i> , 2018, 64, 126-137.	1.9	4
22	Sensitivity of censored data analysis to determine the characteristic value of structural timber. <i>Journal of Wood Science</i> , 2020, 66, .	1.9	4
23	Prediction of bending performance for a separable CLT-concrete composite slab connected by notch connectors. <i>Journal of Building Engineering</i> , 2022, 49, 103900.	3.4	4
24	Performance of Canadian glulam columns with new laminae E requirements. <i>Engineering Structures</i> , 2018, 172, 85-93.	5.3	3
25	Surface Checking Reduction Effect of Preservative-treated Korean Larch Round-woods with Various Physical Treatments. <i>Journal of the Korean Wood Science and Technology</i> , 2017, 45, 107-115.	3.0	3
26	Behavior of center-bored round timber beams in center-point bending test. <i>Journal of Wood Science</i> , 2013, 59, 389-395.	1.9	2
27	Alternative experimental method to evaluate moment-carrying capacity of traditional wood-to-wood joint with small scale experiment. <i>Holzforschung</i> , 2013, 67, 93-97.	1.9	2
28	Air Tightness Performance of Residential Timber Frame Buildings. <i>Journal of the Korean Wood Science and Technology</i> , 2014, 42, 89-100.	3.0	2
29	Elasto-plastic Anisotropic Wood Material Model for Finite Solid Element Applications. <i>Journal of the Korean Wood Science and Technology</i> , 2014, 42, 367-375.	3.0	2
30	Service Life Estimation of ACQ-treated Wood Based on Biodeterioration Resistance. <i>Journal of the Korean Wood Science and Technology</i> , 2015, 43, 641-651.	3.0	2
31	Effect of Test Zone Selection for Evaluating Bending Strength of Lumber. <i>Journal of the Korean Wood Science and Technology</i> , 2013, 41, 392-398.	3.0	2
32	Determination of Grades and Design Strengths of Machine Graded Lumber in Korea. <i>Journal of the Korean Wood Science and Technology</i> , 2015, 43, 446-455.	3.0	2
33	Density calculation of wood by portable X-ray tube with consideration of penetrating depth. <i>Journal of Wood Science</i> , 2014, 60, 105-110.	1.9	1
34	Development of stress wave indices for heart-rot detection in teak tree. <i>Wood Science and Technology</i> , 2015, 49, 1021-1035.	3.2	1
35	Analysis of Allowable Stresses of Machine Graded Lumber in Korea. <i>Journal of the Korean Wood Science and Technology</i> , 2015, 43, 456-462.	3.0	1
36	Investigation of Color Difference in ACQ and CBHDO Treated Wood During Two-year Outdoor Exposure. <i>Journal of the Korean Wood Science and Technology</i> , 2015, 43, 265-273.	3.0	1

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37	Evaluation of dismantled historical wooden members using portable ultrasonic system. , 2012, , .		0
38	Bending strength distributions and LRFD code conversion of Korean softwood species: Bending strength distributions and LRFD code conversion. , 2012, , .		0
39	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
40	Lateral resistance of mass timber shear wall connected by withdrawal-type connectors. Journal of Wood Science, 2021, 67, .	1.9	0
41	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
42	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
43	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