

# Haitao Li

## 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.

54  
papers

563  
citations

15  
h-index

21  
g-index

57  
ext. papers

879  
ext. citations

4.2  
avg, IF

4.48  
L-index

#	Paper	IF	Citations
54	Review on materials and structures inspired by bamboo. <i>Construction and Building Materials</i> , <b>2022</b> , 325, 126656	6.7	2
53	Compression resistance of short LBL columns with local damage after retrofitting using basalt fiber reinforced polymer. <i>Journal of Building Engineering</i> , <b>2022</b> , 48, 103941	5.2	1
52	Properties and Applications of Bamboo Fiber: A Current-State-of-the Art. <i>Journal of Renewable Materials</i> , <b>2022</b> , 10, 605-624	2.4	7
51	Slenderness Ratio Effect on the Eccentric Compression Performance of Chamfered Laminated Bamboo Lumber Columns. <i>Journal of Renewable Materials</i> , <b>2022</b> , 10, 165-182	2.4	5
50	Compressive performance of FRP reinforced laminated bamboo stub columns. <i>Archives of Civil and Mechanical Engineering</i> , <b>2022</b> , 22, 1	3.4	1
49	Nanotechnology application on bamboo materials: A review. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 1670-1695	3.5	1
48	Evaluation on the axial compression mechanical properties of short FRP laminated bamboo lumber columns. <i>Journal of Building Engineering</i> , <b>2022</b> , 104483	5.2	0
47	Bamboo construction materials: Carbon storage and potential to reduce associated CO emissions.. <i>Science of the Total Environment</i> , <b>2021</b> , 814, 152697	10.2	9
46	Withdrawal resistance of self-tapping screws inserted on the narrow face of cross laminated timber made from Radiata Pine. <i>Structures</i> , <b>2021</b> , 31, 1130-1140	3.4	4
45	Length effect on bending properties and evaluation of shear modulus of parallel bamboo strand lumber. <i>European Journal of Wood and Wood Products</i> , <b>2021</b> , 79, 1507	2.1	1
44	Size Effect on the Compressive Strength of Laminated Bamboo Lumber. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33,	3	6
43	Axial compressive performance of laminated bamboo column with aramid fiber reinforced polymer. <i>Composite Structures</i> , <b>2021</b> , 258, 113398	5.3	15
42	Mechanical properties of large-scale parallel bamboo strand lumber under local compression. <i>Construction and Building Materials</i> , <b>2021</b> , 271, 121572	6.7	8
41	Evaluation of axial capacity of engineered bamboo columns. <i>Journal of Building Engineering</i> , <b>2021</b> , 34, 102039	5.2	3
40	Effects of Freeze-Thaw Cycles on Physical and Mechanical Properties of Glulam Exposed to Outdoor Environment. <i>Journal of Renewable Materials</i> , <b>2021</b> , 9, 1293-1307	2.4	1
39	Nodes Effect on the Bending Performance of Laminated Bamboo Lumber Unit. <i>Journal of Renewable Materials</i> , <b>2021</b> , 9, 1143-1156	2.4	5
38	Bamboo node effect on the tensile properties of side press-laminated bamboo lumber. <i>Wood Science and Technology</i> , <b>2021</b> , 55, 195-214	2.5	7

37	Effects of chemical modification and nanotechnology on wood properties. <i>Nanotechnology Reviews</i> , <b>2021</b> , 10, 978-1008	6.3	5
36	Effect of nodes on mechanical properties and microstructure of laminated bamboo lumber units. <i>Construction and Building Materials</i> , <b>2021</b> , 304, 124427	6.7	1
35	Rolling shear properties of cross-laminated timber (CLT) made from Australian Radiata Pine [An experimental study. <i>Structures</i> , <b>2021</b> , 33, 423-432	3.4	6
34	Non-linear behaviour and failure mechanism of bamboo poles in bending. <i>Construction and Building Materials</i> , <b>2021</b> , 305, 124747	6.7	2
33	Axial compressive behavior of laminated bamboo lumber columns with a chamfered section. <i>Structures</i> , <b>2021</b> , 33, 678-692	3.4	2
32	Experimental investigation on axial compression behavior of laminated bamboo lumber short columns confined with CFRP. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2021</b> , 150, 106605	8.4	4
31	Experimental and numerical study on eccentric compression properties of laminated bamboo columns with a chamfered section. <i>Journal of Building Engineering</i> , <b>2021</b> , 43, 102901	5.2	4
30	Mechanical behaviour of steel timber composite shear connections. <i>Construction and Building Materials</i> , <b>2020</b> , 258, 119605	6.7	10
29	Review of connections for engineered bamboo structures. <i>Journal of Building Engineering</i> , <b>2020</b> , 30, 101324	3.24	24
28	Mechanical properties of laminated bamboo under off-axis compression. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 138, 106042	8.4	24
27	Experimental study on the deformation and failure mechanism of parallel bamboo Strand Lumber under drop-weight penetration impact. <i>Construction and Building Materials</i> , <b>2020</b> , 242, 118135	6.7	13
26	Review on Bond Properties between Wood and Fiber Reinforced Polymer. <i>Journal of Renewable Materials</i> , <b>2020</b> , 8, 993-1018	2.4	8
25	Mechanical Properties and Stress Strain Relationship Models for Bamboo Scrimber. <i>Journal of Renewable Materials</i> , <b>2020</b> , 8, 13-27	2.4	22
24	Research on thermal performance and hygrothermal behavior of timber-framed walls with different external insulation layer: Insulation Cork Board and anti-corrosion pine plate. <i>Journal of Building Engineering</i> , <b>2020</b> , 28, 101069	5.2	7
23	Digital analysis of the geometric variability of Guadua, Moso and Oldhamii bamboo. <i>Construction and Building Materials</i> , <b>2020</b> , 236, 117535	6.7	19
22	Evaluation on the ultimate bearing capacity for laminated bamboo lumber columns under eccentric compression. <i>Structures</i> , <b>2020</b> , 28, 1572-1579	3.4	13
21	Convulsive PD controller for hybrid improvement of dynamic structural systems. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2020</b> , 137, 106255	3.5	3
20	Bimodulus bending model for bamboo poles. <i>Construction and Building Materials</i> , <b>2020</b> , 262, 120876	6.7	8

19	Determination of the physical and mechanical properties of moso, guadua and oldhamii bamboo assisted by robotic fabrication. <i>Journal of Wood Science</i> , <b>2020</b> , 66,	2.4	14
18	Mechanical performance of parallel bamboo strand lumber columns under axial compression: Experimental and numerical investigation. <i>Construction and Building Materials</i> , <b>2020</b> , 231, 117168	6.7	28
17	A Constrained Energy Minimum Approach to Modal Dynamic Control of Vibrations in Ancient Nonlinear Structures. <i>International Journal of Structural Stability and Dynamics</i> , <b>2019</b> , 19, 1950054	1.9	6
16	Slenderness Ratio Effect on Eccentric Compression Properties of Parallel Bamboo Strand Lumber Columns. <i>Journal of Structural Engineering</i> , <b>2019</b> , 145, 04019077	3	24
15	Length and orientation direction effect on static bending properties of laminated Moso bamboo. <i>European Journal of Wood and Wood Products</i> , <b>2019</b> , 77, 547-557	2.1	17
14	The longitudinal shear bond behavior of an innovative laminated fiber reinforced composite slab. <i>Construction and Building Materials</i> , <b>2019</b> , 215, 508-522	6.7	9
13	Behaviour of Parallel Bamboo Strand Lumber under compression loading [An experimental study. <i>MATEC Web of Conferences</i> , <b>2019</b> , 275, 01002	0.3	
12	An experimental investigation on Parallel Bamboo Strand Lumber specimens under quasi static and impact loading. <i>Construction and Building Materials</i> , <b>2019</b> , 228, 116724	6.7	18
11	Review on Connections for Original Bamboo Structures. <i>Journal of Renewable Materials</i> , <b>2019</b> , 7, 713-730.	2.4	28
10	Compression Behaviors of Parallel Bamboo Strand Lumber Under Static Loading. <i>Journal of Renewable Materials</i> , <b>2019</b> , 7, 583-600	2.4	20
9	Optimum design of dynamic modal control algorithm using non-linear structural mathematical modeling. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2018</b> , 114, 548-554	3.5	2
8	Holonomic non-linear modelling for the analysis of heterogeneously resisting structures. <i>Engineering Solid Mechanics</i> , <b>2018</b> , 253-262	1.3	2
7	Ultimate bending capacity evaluation of laminated bamboo lumber beams. <i>Construction and Building Materials</i> , <b>2018</b> , 160, 365-375	6.7	46
6	AFRP Influence on Parallel Bamboo Strand Lumber Beams. <i>Sensors</i> , <b>2018</b> , 18,	3.8	18
5	Experimental study on the longitudinal shear bond behavior of lightweight aggregate concrete [ Closed profiled steel sheeting composite slabs. <i>Construction and Building Materials</i> , <b>2017</b> , 156, 599-610	6.7	17
4	Hybrid approach to determine the mechanical parameters of fibers and matrixes of bamboo. <i>Construction and Building Materials</i> , <b>2012</b> , 35, 191-196	6.7	54
3	Evaluation of the Adequacy of Development Length Requirements for 500 MPa Reinforcing Bars. <i>Advances in Structural Engineering</i> , <b>2011</b> , 14, 367-378	1.9	6
2	Fiber alignment angles effect on the tensile performance of laminated bamboo lumber. <i>European Journal of Wood and Wood Products</i> , 1	2.1	0

- 1 Mechanical properties of aramid fiber reinforced polymer confined laminated bamboo lumber column under cyclic loading. *European Journal of Wood and Wood Products*,1 2.1 1