

Huifeng Yang

List of Publications by Year in descending order

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papers

542
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567281

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255
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural behavior of FRP and steel reinforced glulam beams: Experimental and theoretical evaluation. <i>Construction and Building Materials</i> , 2016, 106, 550-563.	7.2	61
2	Prestressed glulam beams reinforced with CFRP bars. <i>Construction and Building Materials</i> , 2016, 109, 73-83.	7.2	57
3	Pull-out strength and bond behaviour of axially loaded rebar glued-in glulam. <i>Construction and Building Materials</i> , 2014, 65, 440-449.	7.2	49
4	A component method for moment-resistant glulam beam–column connections with glued-in steel rods. <i>Engineering Structures</i> , 2016, 115, 42-54.	5.3	47
5	Study on flexural behaviour of glulam beams reinforced by Near Surface Mounted (NSM) CFRP laminates. <i>Construction and Building Materials</i> , 2015, 91, 23-31.	7.2	45
6	Experimental investigation on innovative connections for timber–concrete composite systems. <i>Construction and Building Materials</i> , 2019, 207, 345-356.	7.2	35
7	Experimental and theoretical investigation of prefabricated timber-concrete composite beams with and without prestress. <i>Engineering Structures</i> , 2020, 204, 109901.	5.3	29
8	Experimental investigation of the shear characteristics of steel-to-timber composite joints with inclined self-tapping screws. <i>Engineering Structures</i> , 2020, 215, 110683.	5.3	24
9	Local bond stress-slip relationships between glue laminated timber and epoxy bonded-in GFRP rod. <i>Construction and Building Materials</i> , 2018, 170, 1-12.	7.2	23
10	Experimental and Nonlinear Analytical Studies on Prefabricated Timber–Concrete Composite Structures with Crossed Inclined Coach Screw Connections. <i>Journal of Structural Engineering</i> , 2021, 147, .	3.4	21
11	Experimental investigation on the long-term behaviour of prefabricated timber-concrete composite beams with steel plate connections. <i>Construction and Building Materials</i> , 2021, 266, 120892.	7.2	20
12	Load-slip behaviour of glue laminated timber connections with glued-in steel rod parallel to grain. <i>Construction and Building Materials</i> , 2019, 227, 117028.	7.2	19
13	Bond Behavior between Softwood Glulam and Epoxy Bonded-In Threaded Steel Rod. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	2.9	17
14	Modelling of glued laminated timber joints with glued-in rod considering bond-slip location function. <i>Engineering Structures</i> , 2018, 176, 90-102.	5.3	17
15	Long-term performance of timber-concrete composite systems with notch-screw connections. <i>Engineering Structures</i> , 2020, 213, 110585.	5.3	17
16	Short- and long-term performance of bonding steel-plate joints for timber structures. <i>Construction and Building Materials</i> , 2020, 240, 117945.	7.2	13
17	Behavior of Glulam Columns Reinforced by Near-Surface-Mounted CFRP Laminates under Eccentric Compression Loading. <i>Journal of Structural Engineering</i> , 2016, 142, .	3.4	12
18	Elastic stiffness of timber joints with dowel-type fasteners and slotted-in steel plate based on the theory of beam on elastic foundation. <i>Construction and Building Materials</i> , 2021, 294, 123569.	7.2	10

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation on the Fire Resistance of Glued-In Rod Timber Joints with Heat Resistant Modified Epoxy Resin. <i>Materials</i> , 2020, 13, 2731.	2.9	8
20	Experimental and numerical investigations on the hybrid dowel and bonding steel plate joints for timber structures. <i>Construction and Building Materials</i> , 2020, 265, 120847.	7.2	6
21	Nonlinear finite element analysis on timber-concrete composite beams. <i>Journal of Building Engineering</i> , 2022, 51, 104259.	3.4	5
22	Parameter identification of ductile timber beam-to-steel column connections: Procedure and assessment. <i>Engineering Structures</i> , 2022, 259, 114179.	5.3	4
23	Theoretical and experimental behaviour of a hybrid semi-rigid glulam beam-to-column connection with top and seat angles. <i>Advances in Structural Engineering</i> , 2020, 23, 2057-2069.	2.4	3