

Vlatka Rajcic

List of Publications by Year in descending order

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docs citations

29
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on failure theories and simulation models for adhesive joints. Journal of Adhesion, 2022, 98, 1855-1915.	3.0	46
2	Influence of Friction on the Behavior and Performance of Prefabricated Timber-Bearing Glass Composite Systems. Sustainability, 2022, 14, 1102.	3.2	0
3	Experimental Investigation of Cross Laminated Timber Elements with Holes or Notches at In-Plane Beam Loading Conditions. Buildings, 2022, 12, 967.	3.1	1
4	Short-Term Analysis of Adhesive Types and Bonding Mistakes on Bonded-in-Rod (BiR) Connections for Timber Structures. Applied Sciences (Switzerland), 2021, 11, 2665.	2.5	3
5	Analytical and Numerical Verification of Vibration Design in Timber Concrete Composite Floors. Forests, 2021, 12, 707.	2.1	9
6	Advancement in prediction of shear strength and stiffness of cross laminated timber beams. Engineering Structures, 2021, 238, 112247.	5.3	6
7	Behavioral Assessment and Evaluation of Innovative Hollow Glue-Laminated Timber Elements. Materials, 2021, 14, 6911.	2.9	6
8	Assessment of Timber Roof Structures before and after Earthquakes. Buildings, 2021, 11, 528.	3.1	5
9	Response of laminated glass-CLT structural components to reverse-cyclic lateral loading. Construction and Building Materials, 2020, 235, 117509.	7.2	6
10	Brittle failure modes in reinforced and non-reinforced timber joint with large diameter fastener loaded parallel to grain. Engineering Structures, 2020, 222, 111104.	5.3	7
11	Thermal and Energy-Efficiency Assessment of Hybrid CLT-glass Façade Elements. Applied Sciences (Switzerland), 2020, 10, 3071.	2.5	3
12	Seismic Design of Timber Buildings: Highlighted Challenges and Future Trends. Applied Sciences (Switzerland), 2020, 10, 1380.	2.5	37
13	Textiles and Fabrics for Enhanced Structural Glass Facades: Potentials and Challenges. Buildings, 2019, 9, 156.	3.1	7
14	Experimental and numerical investigations of cross-laminated timber elements at in-plane beam loading conditions. Construction and Building Materials, 2019, 206, 329-346.	7.2	6
15	In Situ Advanced Diagnostics and Inspection by Non-destructive Techniques and UAV as Input to Numerical Model and Structural Analysis - Case Study. Communications in Computer and Information Science, 2019, , 359-371.	0.5	2
16	Cross laminated timber at in-plane beam loading - Comparison of model predictions and FE-analyses. Engineering Structures, 2019, 179, 246-254.	5.3	9
17	An innovative methodology of assessing the climate change impact on cultural heritage. International Journal of Architectural Heritage, 2018, 12, 21-35.	3.1	29
18	Condition Assessment of Timber Structures - Quantifying the Value of Information. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Pull-compression tests on glued-in metric thread rods parallel to grain in glulam and laminated veneer lumber of different timber species. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 379-391.	2.9	24
20	Strengthening of timber structures with glued-in rods. <i>Construction and Building Materials</i> , 2015, 97, 90-105.	7.2	108
21	Large diameter fastener in locally reinforced and non-reinforced timber loaded perpendicular to grain. <i>Engineering Structures</i> , 2014, 74, 256-265.	5.3	9
22	ANALYSIS OF HYSTERETIC RESPONSE OF GLASS INFILLED WOODEN FRAMES. <i>Journal of Civil Engineering and Management</i> , 2014, 20, 600-608.	3.5	17
23	Seismic Behaviour of Composite Panel Composed of Laminated Wood and Bearing Glass - Experimental Investigation. <i>Advanced Materials Research</i> , 2013, 778, 698-705.	0.3	6
24	Reconstruction of the Technical Museum in Zagreb. <i>Advanced Materials Research</i> , 2013, 778, 919-926.	0.3	5
25	System reliability of timber structures with ductile behaviour. <i>Engineering Structures</i> , 2011, 33, 3093-3098.	5.3	24
26	Reliability-based robustness analysis for a Croatian sports hall. <i>Engineering Structures</i> , 2011, 33, 3118-3124.	5.3	12
27	Learning from Case Studies: Timber Tower of Gospić Cathedral and Traditional Timber Church. <i>Advanced Materials Research</i> , 0, 778, 927-934.	0.3	1