

Michael Schweigler

List of Publications by Year in descending order

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papers

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citations

1478505

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#	ARTICLE	IF	CITATIONS
1	A Numerical Study of the Stiffness and Strength of Cross-Laminated Timber Wall-to-Floor Connections under Compression Perpendicular to the Grain. Buildings, 2021, 11, 442.	3.1	5
2	An innovative timber-steel hybrid beam consisting of glulam mechanically reinforced by means of steel rod: Analytical and preliminary numerical investigations. Journal of Building Engineering, 2021, 43, 102549.	3.4	3
3	Embedment properties of thermally modified spruce timber with dowel-type fasteners. Construction and Building Materials, 2021, 313, 125517.	7.2	4
4	Parameterization equations for the nonlinear connection slip applied to the anisotropic embedment behavior of wood. Composites Part B: Engineering, 2018, 142, 142-158.	12.0	15
5	Engineering modeling of semi-rigid joints with dowel-type fasteners for nonlinear analysis of timber structures. Engineering Structures, 2018, 171, 123-139.	5.3	20
6	Constrained displacement boundary condition in embedment testing of dowel-type fasteners in LVL. Strain, 2017, 53, e12238.	2.4	5
7	Creep and cracking of concrete hinges: insight from centric and eccentric compression experiments. Materials and Structures/Materiaux Et Constructions, 2017, 50, 244.	3.1	15
8	Load-to-grain angle dependence of the embedment behavior of dowel-type fasteners in laminated veneer lumber. Construction and Building Materials, 2016, 126, 1020-1033.	7.2	32
9	Experimental characterization of the global and local behavior of multi-dowel LVL-connections under complex loading. Materials and Structures/Materiaux Et Constructions, 2016, 49, 2407-2424.	3.1	5
10	Integrative experimental characterization and engineering modeling of single-dowel connections in LVL. Construction and Building Materials, 2016, 107, 235-246.	7.2	15
11	Dowel deformations in multi-dowel LVL-connections under moment loading. Wood Material Science and Engineering, 2015, 10, 216-231.	2.3	12