

David Mikolasek

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Timber Semirigid Frame Connection with Improved Deformation Capacity and Ductility. Buildings, 2022, 12, 583.	3.1	8
2	Analysis of Rotational Stiffness of the Timber Frame Connection. Sustainability, 2021, 13, 156.	3.2	8
3	Rotational Stiffness and Carrying Capacity of Timber Frame Corners with Dowel Type Connections. Materials, 2021, 14, 7429.	2.9	8
4	Analysis of Longitudinal Timber Beam Joints Loaded with Simple Bending. Sustainability, 2020, 12, 9288.	3.2	2
5	Numerical modeling of steel fillet welded joint. Advances in Engineering Software, 2018, 117, 59-69.	3.8	16
6	Influence of initial imperfections on the behavior of the welded joint. AIP Conference Proceedings, 2018, , .	0.4	0
7	Static behavior of the weld in the joint of the steel support element using experiment and numerical modeling. IOP Conference Series: Earth and Environmental Science, 2018, 143, 012004.	0.3	0
8	Numerical Modeling of Fillet and Butt Welds in Steel Structural Elements with Verification Using Experiment. Procedia Engineering, 2017, 190, 318-325.	1.2	14
9	Analysis of Behavior and Carrying Capacity of Glued Timber-Timber Joints Loaded with Bending Moment. Procedia Engineering, 2017, 190, 263-270.	1.2	8
10	Using DOProC method in reliability assessment of steel elements exposed to fatigue. MATEC Web of Conferences, 2017, 107, 00046.	0.2	7
11	Experiment and numerical modeling suspended ceiling with identification of working diagram material. Frattura Ed Integrita Strutturale, 2017, 11, 62-71.	0.9	2
12	Probabilistic reliability assessment of steel elements exposed to fatigue using Bayesian approach. , 2017, , .		0
13	Determination of Concrete Cube Strength from Used Samples / UrÄenÄ-KrychelnÄ© Pevnosti Betonu U PouÄ¾itÄ½ch ZkuÄ½ebnÄch TrÄ½mcÄ½. Transactions of the VÄB: Technical University of Ostrava, Civil Engineering Series, 2012, 12, 186-194.	0.3	2
14	Analysis of Composite Timber-Concrete Ceiling Structure by Finite Element Method. Applied Mechanics and Materials, 0, 351-352, 254-259.	0.2	8
15	Numerical Modelling and Bearing Capacity of Reinforced Concrete Beams. Key Engineering Materials, 0, 577-578, 281-284.	0.4	25
16	Mathematical Modelling of Thin-Walled Cold-Rolled Cross-Section. Applied Mechanics and Materials, 0, 617, 171-174.	0.2	14
17	Analysis of Timber-Concrete Ceiling Structure in Multi-Storey Building. Advanced Materials Research, 0, 969, 51-54.	0.3	0
18	An Experimental Testing of Fillet Welded Specimens. Applied Mechanics and Materials, 0, 752-753, 412-417.	0.2	2

#	ARTICLE	IF	CITATIONS
19	The Carrying Capacity of the Reinforced Timber Beams. , 0, , .		0