OldÅich Sucharda

List of Publications by Year
in descending order

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47	496	759233	794594
papers	citations	12 h-index	19 g-index

48	48	48	348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Timber Semirigid Frame Connection with Improved Deformation Capacity and Ductility. Buildings, 2022, 12, 583.	3.1	8
2	Frost Resistance of Alkali-Activated Concreteâ€"An Important Pillar of Their Sustainability. Sustainability, 2021, 13, 473.	3.2	19
3	Modeling of Fiber-Reinforced Concrete and Finite Element Method. International Review of Civil Engineering, 2021, 12, 11.	0.1	2
4	Diagnostic of Crack in Concrete with Acoustic Emission in Case of Concrete Slab with Subsoil. International Review of Civil Engineering, 2021, 12, 78.	0.1	0
5	Comparative Study of High-Performance Concrete Characteristics and Loading Test of Pretensioned Experimental Beams. Crystals, 2021, 11, 427.	2.2	13
6	Physical Tests of Alternative Connections of Different High Roof Purlins Regarding Upward Loading. Buildings, 2021, 11, 512.	3.1	4
7	Analysis of Rotational Stiffness of the Timber Frame Connection. Sustainability, 2021, 13, 156.	3.2	8
8	Analysis of Fiber-Reinforced Concrete Slabs under Centric and Eccentric Load. Materials, 2021, 14, 7152.	2.9	3
9	Rotational Stiffness and Carrying Capacity of Timber Frame Corners with Dowel Type Connections. Materials, 2021, 14, 7429.	2.9	8
10	Influence of chlorides on the fracture toughness and fracture resistance under the mixed mode I/II of high-performance concrete. Theoretical and Applied Fracture Mechanics, 2020, 110, 102812.	4.7	16
11	Analysis of Longitudinal Timber Beam Joints Loaded with Simple Bending. Sustainability, 2020, 12, 9288.	3.2	2
12	Determination of Mechanical Characteristics for Fiber-Reinforced Concrete with Straight and Hooked Fibers. Crystals, 2020, 10, 545.	2.2	43
13	Numerical Modeling and Analysis of Concrete Slabs in Interaction with Subsoil. Sustainability, 2020, 12, 9868.	3.2	21
14	Effects of Loaded End Distance and Moisture Content on the Behavior of Bolted Connections in Squared and Round Timber Subjected to Tension Parallel to the Grain. Materials, 2020, 13, 5525.	2.9	11
15	Selected Approaches to Numerical Modeling and Analysis of Fiber Reinforced Concrete Beam. Solid State Phenomena, 2020, 309, 174-179.	0.3	0
16	Experiments on Fiber Concrete Foundation Slabs in Interaction with the Subsoil. Sustainability, 2020, 12, 3939.	3.2	25
17	Identification of Fracture Mechanic Properties of Concrete and Analysis of Shear Capacity of Reinforced Concrete Beams without Transverse Reinforcement. Materials, 2020, 13, 2788.	2.9	25
18	Numerical Analysis of Reinforced Concrete Slab with Subsoil. Civil and Environmental Engineering, 2020, 16, 107-118.	1.2	22

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19	Non-Linear Analysis of an RC Beam Without Shear Reinforcement with a Sensitivity Study of the Material Properties of Concrete. Slovak Journal of Civil Engineering, 2020, 28, 33-43.	0.5	24
20	Diagnostic and Analysis of Specific Soil with Ground Water Level and Plain Concrete Slab Interaction. Acta Montanistica Slovaca, 2020, 25, 427-443.	0.4	1
21	Study of bearing capacity of support connection of thin-walled roof purlins Z350. AIP Conference Proceedings, 2019, , .	0.4	0
22	Fracture Resistance of Alkali Activated Concrete under the Mixed Mode I/II Load Conditions. Procedia Structural Integrity, 2019, 17, 610-617.	0.8	4
23	Testing and mechanical properties of high strength concrete. IOP Conference Series: Materials Science and Engineering, 2019, 549, 012012.	0.6	2
24	Measurement of acoustic emission at fibre reinforcement concrete slab with subsoil. IOP Conference Series: Materials Science and Engineering, 2019, 549, 012013.	0.6	0
25	Investigation of Fracture Properties by Inverse Analysis on Selected SCC Concrete Beams with Different Amount of Fibres. Procedia Structural Integrity, 2018, 13, 1533-1538.	0.8	20
26	Resistance capacity of connection of thin-walled roof components. AIP Conference Proceedings, 2018, , .	0.4	0
27	Punching Shear Failure of Concrete Ground Supported Slab. International Journal of Concrete Structures and Materials, 2018, 12, .	3.2	31
28	Identification of mechanical and fracture properties of self-compacting concrete beams with different types of steel fibres using inverse analysis. Construction and Building Materials, 2017, 138, 263-275.	7.2	45
29	Experiment and numerical modeling suspended ceiling with identification of working diagram material. Frattura Ed Integrita Strutturale, 2017, 11, 62-71.	0.9	2
30	Modelling and Analysis of Reinforced Concrete Beams. Key Engineering Materials, 2015, 662, 81-84.	0.4	2
31	Finite Element Modelling and Identification of the Material Properties of Fibre Concrete. Procedia Engineering, 2015, 109, 234-239.	1.2	18
32	Analysis of Reinforced Concrete Slab Structures. Applied Mechanics and Materials, 2015, 769, 97-100.	0.2	0
33	Numerical modelling of reinforced concrete beams with fracture-plastic material. Frattura Ed Integrita Strutturale, 2014, 8, 375-382.	0.9	2
34	Determination of Concrete Cube Strength from Used Samples / UrÄenÃ-KrychelnÃ© Pevnosti Betonu U PouÅ¾itÃ½ch ZkuÅ¡ebnÃch TrÃ¡mcÅ¯. Transactions of the VÅB: Technical University of Ostrava, Civil Engineering Series, 2012, 12, 186-194.	0.3	2
35	Elastic-Plastic Modelling of Reinforced Concrete Beam: Implementation and Comparison with the Experiment. Transactions of the VÅB: Technical University of Ostrava, Civil Engineering Series, 2011, XI, 1-7.	0.3	4
36	Analysis of Composite Timber-Concrete Ceiling Structure by Finite Element Method. Applied Mechanics and Materials, 0, 351-352, 254-259.	0.2	8

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37	Management and Modern Aspects of Safety in Civil Engineering. Applied Mechanics and Materials, 0, 357-360, 2876-2880.	0.2	2
38	Failure and Plasticity Conditions of Concrete in the Finite Element Analysis. Applied Mechanics and Materials, 0, 367, 165-168.	0.2	2
39	Numerical Modelling and Bearing Capacity of Reinforced Concrete Beams. Key Engineering Materials, 0, 577-578, 281-284.	0.4	25
40	Mathematical Modelling of Thin-Walled Cold-Rolled Cross-Section. Applied Mechanics and Materials, 0, 617, 171-174.	0.2	14
41	Analysis of Timber-Concrete Ceiling Structure in Multi-Storey Building. Advanced Materials Research, 0, 969, 51-54.	0.3	0
42	Comparation of Numerical Methods for Calculation of Thin Slabs. Advanced Materials Research, 0, 969, 73-77.	0.3	1
43	Comparative Evaluation ofÂMechanical Properties ofÂFibre-Reinforced Concrete and Approach to Modelling ofÂBearing Capacity Ground Slab. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	18
44	Calculation of Resistance and Non-Linear Analysis of Reinforced Concrete Beams. Solid State Phenomena, 0, 292, 140-145.	0.3	2
45	AAM for Structure Beams and Analysis of Beam without Shear Reinforcement. Solid State Phenomena, 0, 292, 3-8.	0.3	4
46	Aspects of Testing and Material Properties of Fiber Concrete. Solid State Phenomena, 0, 292, 9-14.	0.3	2
47	Measurement and Utilization of Acoustic Emission for the Analysis and Monitoring of Concrete Slabs on the Subsoil. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	17