

Peter Koteř

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Air Pollution as an Important Factor in Construction Materials Deterioration in Slovak Republic. <i>Procedia Engineering</i> , 2015, 108, 131-138.	1.2	43
2	Recommended Reliability Levels for the Evaluation of Existing Bridges According to Eurocodes. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2013, 23, 411-417.	0.8	27
3	Strengthening of Concrete Column by Using the Wrapper Layer of Fibre Reinforced Concrete. <i>Materials</i> , 2020, 13, 5432.	2.9	21
4	Existing Steel Railway Bridges Evaluation. <i>Civil and Environmental Engineering</i> , 2016, 12, 103-110.	1.2	17
5	Diagnostics of Corrosion on a Real Bridge Structure. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-10.	1.8	15
6	Prediction of RC Bridge Member Resistance Decreasing in Time under Various Conditions in Slovakia. <i>Materials</i> , 2020, 13, 1125.	2.9	15
7	Using CFRP Lamellas for Strengthening of Dynamically Loaded Beams. <i>Procedia Engineering</i> , 2013, 65, 302-310.	1.2	14
8	Determination of Railway Bridges Loading Capacity. <i>Procedia Engineering</i> , 2015, 111, 839-844.	1.2	14
9	Analysis of Existing Steel Railway Bridges. <i>Procedia Engineering</i> , 2016, 156, 507-514.	1.2	14
10	Numerical comparison of concrete columns strengthened with layer of fiber concrete and reinforced concrete. <i>Transportation Research Procedia</i> , 2019, 40, 920-926.	1.5	12
11	Corrosion determination of reinforcement using the electrical resistance method. <i>Materiali in Tehnologije</i> , 2017, 51, 85-93.	0.5	11
12	Analysis of Mechanical Properties of Concrete of Frozen and Unfrozen Specimens. <i>Procedia Engineering</i> , 2014, 91, 435-440.	1.2	8
13	Influence of Reinforcement Corrosion on Reliability and Remaining Lifetime of RC Bridges. <i>Materials Science Forum</i> , 0, 844, 89-96.	0.3	8
14	Influence of the Type of Cement and the Addition of an Air-Entraining Agent on the Effectiveness of Concrete Cover in the Protection of Reinforcement against Corrosion. <i>Materials</i> , 2021, 14, 4657.	2.9	8
15	Influence of Reinforcement Corrosion on Shear Resistance of RC Bridge Girder Subjected to Shear. <i>Procedia Engineering</i> , 2015, 111, 444-449.	1.2	6
16	Evaluation of Elder and Historical Bridges. <i>Procedia Engineering</i> , 2016, 156, 186-190.	1.2	6
17	Mechanical Properties of Cast-in Anchor Bolts Manufactured of Reinforcing Tempcore Steel. <i>Materials</i> , 2019, 12, 2075.	2.9	6
18	Diagnostics and Evaluation of Bridge Structures on Cogwheel Railway. <i>Lecture Notes in Civil Engineering</i> , 2022, , 93-101.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Influence of Corrosion on Crack Width and Pattern in an RC Beam. <i>Procedia Engineering</i> , 2013, 65, 311-320.	1.2	5
20	Diagnostic Assessment of One of the First Generation of Prestressed Concrete Bridges in Slovakia. <i>Procedia Engineering</i> , 2016, 156, 257-263.	1.2	5
21	Calibration of partial safety factors according to Eurocodes. <i>MATEC Web of Conferences</i> , 2017, 117, 00088.	0.2	5
22	Analysis of shear behavior between old concrete and fiber concrete. <i>Pollack Periodica</i> , 2021, 16, 77-82.	0.4	5
23	Experimental and Numerical Analysis of Anchorage Zone of CFRP Sheet. <i>Procedia Engineering</i> , 2013, 65, 176-185.	1.2	4
24	Determination of Load-Carrying Capacity of Railway Steel and Concrete Composite Bridges. <i>Key Engineering Materials</i> , 0, 691, 172-184.	0.4	4
25	Corrosion map of zinc in Slovakia. <i>Pollack Periodica</i> , 2018, 13, 129-136.	0.4	4
26	Experimental verification of real behavior of bridge structures using proof-load tests. <i>Pollack Periodica</i> , 2019, 14, 75-84.	0.4	4
27	Influence of Fatigue Crack Formation and Propagation on Reliability of Steel Members. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11562.	2.5	4
28	Reinforcement Corrosion versus Crack Width. <i>Advanced Materials Research</i> , 2014, 897, 161-164.	0.3	3
29	Investigation of the Lubricants Influence on the Ironing Process. <i>Procedia Engineering</i> , 2015, 111, 149-154.	1.2	3
30	Reconstruction of the Oldest Reinforced Concrete Bridge in Slovakia in Kráľovo nad Kysucou. <i>Procedia Engineering</i> , 2016, 156, 334-339.	1.2	3
31	Impact of Air Pollution and Climate Conditions on Carbon Steel in Slovak Republic. <i>Materials Science Forum</i> , 0, 844, 83-88.	0.3	3
32	Employment of Barkhausen Noise Technique for Assessment of Prestressing Bars Damage with Respect of Their Over-Stressing. <i>Metals</i> , 2021, 11, 770.	2.3	3
33	Effect of Water Condensate on Corrosion of Wires in UngROUTED Ducts. <i>Materials</i> , 2021, 14, 7765.	2.9	3
34	Sensitivity Analysis of Zinc Dose-response Function according to Actual Standard Approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 661, 012072.	0.6	2
35	Methods of Modeling Contact between Concrete and Fiber Concrete. <i>Solid State Phenomena</i> , 0, 329, 87-92.	0.3	2
36	Atmosphere Aggressivity State Mapping in Slovak Republic for Corrosion of Construction Materials. <i>Materials Science Forum</i> , 0, 811, 49-56.	0.3	1

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37	Reliability of Existing Concrete Bridges from the Aspect of the Reinforcement Corrosion. Key Engineering Materials, 0, 691, 119-128.	0.4	1
38	Determination of Load-Carrying Capacity of Railway Concrete Bridges According to New Guideline. Key Engineering Materials, 0, 738, 100-109.	0.4	1
39	Change of load-carrying capacity of real bridge structure due to modified reliability levels and planned remaining lifetime. IABSE Symposium Report, 2019, , .	0.0	1
40	Durability of Bridge Structural Elements. Communications - Scientific Letters of the University of Zilina, 2016, 18, 61-67.	0.6	1
41	Influence of Contact Parameters on Load-Carrying Capacity of Hybrid Composite Cross-Section. Advanced Materials Research, 2014, 897, 157-160.	0.3	0