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List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

117
citations

1478505

6
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1372567

10
g-index

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all docs

11
docs citations

11
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability calculation of time-consuming problems using a small-sample artificial neural network-based response surface method. <i>Neural Computing and Applications</i> , 2017, 28, 1249-1263.	5.6	31
2	Modeling of degradation processes in concrete: Probabilistic lifetime and load-bearing capacity assessment of existing reinforced concrete bridges. <i>Engineering Structures</i> , 2016, 119, 49-60.	5.3	24
3	Monitoring based nonlinear system modeling of bridgeâ€œcontinuous welded rail interaction. <i>Engineering Structures</i> , 2018, 155, 25-35.	5.3	20
4	NONLINEAR FINITE ELEMENT ANALYSIS OF CONTINUOUS WELDED RAILâ€œBRIDGE INTERACTION: MONITORING-BASED CALIBRATION. <i>Journal of Civil Engineering and Management</i> , 2018, 24, 344-354.	3.5	12
5	Quantification of parameters for modeling of chloride ion ingress into concrete. <i>Structural Concrete</i> , 2019, 20, 519-536.	3.1	11
6	A comparison of sensitivity analyses for selected prestressed concrete structures. <i>Structural Concrete</i> , 2019, 20, 38-51.	3.1	6
7	fib models for modeling of chloride ion ingress and concrete carbonation: Levels of assessment of input parameters. <i>Structural Concrete</i> , 2020, 21, 1377-1384.	3.1	6
8	Inverse Response Surface Method in Reliability-Based Design. <i>Transactions of the VĀB: Technical University of Ostrava, Civil Engineering Series</i> , 2017, 17, 37-42.	0.3	3
9	A utilization of the inverse response surface method for the reliability-based design of structures. <i>Neural Computing and Applications</i> , 2022, 34, 12845-12859.	5.6	3
10	An adaptive ANNâ€œbased inverse response surface method. <i>Beton- Und Stahlbetonbau</i> , 2018, 113, 38-41.	0.4	1
11	Statistical survey of existing reinforced and pre-stressed bridge types for the AT-CZ region within the "ATCZ190 SAFEBRIDGE" Project. , 2019, , .		0