

Antônio Abel Ribeiro Henriques

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

568
citations

687363

13
h-index

677142

22
g-index

37
all docs

37
docs citations

37
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty and Track Stability: Analysis of Partial Safety Factors for High-Speed Railway Bridges. Lecture Notes in Civil Engineering, 2022, , 1216-1225.	0.4	0
2	Span-to-depth ratio limits for RC continuous beams and slabs based on MC2010 and EC2 ductility and deflection requirements. Engineering Structures, 2021, 228, 111565.	5.3	8
3	Rotation capacity of corroded RC beams with special ductility tempcore rebars. Engineering Structures, 2021, 236, 112138.	5.3	2
4	An innovative adaptive sparse response surface method for structural reliability analysis. Structural Safety, 2018, 73, 12-28.	5.3	58
5	CIVIL [™] in A tutorial program for new first-year students on the Master of Civil Engineering. , 2018, , .		0
6	Civil Engineering Master hands-on challenge to motivate first-year students : CIVIL [™] in 2017-2018. , 2018, , .		1
7	Probabilistic assessment of the train running safety on a short-span high-speed railway bridge. Structure and Infrastructure Engineering, 2016, 12, 78-92.	3.7	35
8	ASSESSMENT OF TRAFFIC LOAD EVENTS AND STRUCTURAL EFFECTS ON ROAD BRIDGES BASED ON STRAIN MEASUREMENTS. Journal of Civil Engineering and Management, 2015, 22, 457-469.	3.5	15
9	Strength and Ductility of Damaged Tempcore Rebars. Procedia Engineering, 2015, 114, 800-807.	1.2	11
10	New finite element to model bond-slip with steel strain effect for the analysis of reinforced concrete structures. Engineering Structures, 2015, 86, 72-83.	5.3	28
11	Efficient methodology for the probabilistic safety assessment of high-speed railway bridges. Engineering Structures, 2015, 101, 138-149.	5.3	30
12	Probabilistic safety assessment of a short span high-speed railway bridge. Engineering Structures, 2014, 71, 99-111.	5.3	70
13	Efficient methodology for the safety assessment of a short span railway bridge under high-speed traffic. , 2014, , 1580-1587.		0
14	Train-bridge interaction influence on the safety of a short span railway bridge. , 2013, , .		0
15	Bridge deflection evaluation using strain and rotation measurements. Smart Structures and Systems, 2013, 11, 365-386.	1.9	41
16	Localised metamodelling techniques for geotechnical reliability-based analysis. , 2013, , 283-289.		0
17	Probabilistic models for mechanical properties of concrete, reinforcing steel and pre-stressing steel. Structure and Infrastructure Engineering, 2012, 8, 111-123.	3.7	63
18	Sensitivity analysis of vertically loaded pile reliability. Soils and Foundations, 2012, 52, 1118-1129.	3.1	18

#	ARTICLE	IF	CITATIONS
19	Safety assessment of a short span railway bridge for high-speed traffic using simulation techniques. Engineering Structures, 2012, 40, 141-154.	5.3	47
20	Train-bridge interaction effects on the dynamic response of a small span high-speed railway bridge. Bridge Maintenance, Safety and Management, 2012, , 1718-1725.	0.1	2
21	A conceptual model for reliability analysis of pavement foundations. , 2012, , 829-835.		0
22	Reliability Assessment of Eurocode 7 Spread Foundations Design Methodology. , 2011, , .		2
23	Dynamic response variability of a small span bridge for high speed rail traffic. , 2011, , 2974-2980.		0
24	Probability-Based Assessment of Existing Concrete Bridges—Stochastic Resistance Models and Applications. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2009, 19, 203-210.	0.8	11
25	Isolation and characterization of bacteriophages for avian pathogenic <i>E. coli</i> strains. Journal of Applied Microbiology, 2009, 106, 1919-1927.	3.1	52
26	Health Monitoring System (HMS) for structural assessment. Smart Structures and Systems, 2009, 5, 223-240.	1.9	4
27	Uncertainty analysis of structural systems by perturbation techniques. Structural and Multidisciplinary Optimization, 2008, 35, 201-212.	3.5	16
28	Structural assessment under uncertain parameters via interval analysis. Journal of Computational and Applied Mathematics, 2008, 218, 43-52.	2.0	23
29	Efficient analysis of structural uncertainty using perturbation techniques. Engineering Structures, 2008, 30, 990-1001.	5.3	7
30	Probabilistic Shear and Bending Resistance Models for Assessment of Reinforced and Prestressed Concrete Bridges. , 2008, , .		0
31	Probabilistic models of material properties for design and assessment of concrete bridges. , 2008, , .		0
32	Probability Based Assessment of Serviceability Limit States in Precast Concrete Bridges. , 2004, , 280.		1
33	Safety format for the design of concrete frames. Engineering Computations, 2002, 19, 346-363.	1.4	12
34	Reliability analysis of steel connection components based on FEM. Engineering Failure Analysis, 2001, 8, 29-48.	4.0	9