

Antônio Abel Ribeiro Henriques

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3967708/publications.pdf>

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	Probabilistic safety assessment of a short span high-speed railway bridge. <i>Engineering Structures</i> , 2014, 71, 99-111.	5.3	70
2	Probabilistic models for mechanical properties of concrete, reinforcing steel and pre-stressing steel. <i>Structure and Infrastructure Engineering</i> , 2012, 8, 111-123.	3.7	63
3	An innovative adaptive sparse response surface method for structural reliability analysis. <i>Structural Safety</i> , 2018, 73, 12-28.	5.3	58
4	Isolation and characterization of bacteriophages for avian pathogenic <i>E. coli</i> strains. <i>Journal of Applied Microbiology</i> , 2009, 106, 1919-1927.	3.1	52
5	Safety assessment of a short span railway bridge for high-speed traffic using simulation techniques. <i>Engineering Structures</i> , 2012, 40, 141-154.	5.3	47
6	Bridge deflection evaluation using strain and rotation measurements. <i>Smart Structures and Systems</i> , 2013, 11, 365-386.	1.9	41
7	Probabilistic assessment of the train running safety on a short-span high-speed railway bridge. <i>Structure and Infrastructure Engineering</i> , 2016, 12, 78-92.	3.7	35
8	Efficient methodology for the probabilistic safety assessment of high-speed railway bridges. <i>Engineering Structures</i> , 2015, 101, 138-149.	5.3	30
9	New finite element to model bond-slip with steel strain effect for the analysis of reinforced concrete structures. <i>Engineering Structures</i> , 2015, 86, 72-83.	5.3	28
10	Structural assessment under uncertain parameters via interval analysis. <i>Journal of Computational and Applied Mathematics</i> , 2008, 218, 43-52.	2.0	23
11	Sensitivity analysis of vertically loaded pile reliability. <i>Soils and Foundations</i> , 2012, 52, 1118-1129.	3.1	18
12	Uncertainty analysis of structural systems by perturbation techniques. <i>Structural and Multidisciplinary Optimization</i> , 2008, 35, 201-212.	3.5	16
13	ASSESSMENT OF TRAFFIC LOAD EVENTS AND STRUCTURAL EFFECTS ON ROAD BRIDGES BASED ON STRAIN MEASUREMENTS. <i>Journal of Civil Engineering and Management</i> , 2015, 22, 457-469.	3.5	15
14	Safety format for the design of concrete frames. <i>Engineering Computations</i> , 2002, 19, 346-363.	1.4	12
15	Probability-Based Assessment of Existing Concrete Bridges – Stochastic Resistance Models and Applications. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2009, 19, 203-210.	0.8	11
16	Strength and Ductility of Damaged Tempcore Rebars. <i>Procedia Engineering</i> , 2015, 114, 800-807.	1.2	11
17	Reliability analysis of steel connection components based on FEM. <i>Engineering Failure Analysis</i> , 2001, 8, 29-48.	4.0	9
18	Span-to-depth ratio limits for RC continuous beams and slabs based on MC2010 and EC2 ductility and deflection requirements. <i>Engineering Structures</i> , 2021, 228, 111565.	5.3	8

#	ARTICLE	IF	CITATIONS
19	Efficient analysis of structural uncertainty using perturbation techniques. Engineering Structures, 2008, 30, 990-1001.	5.3	7
20	Health Monitoring System (HMS) for structural assessment. Smart Structures and Systems, 2009, 5, 223-240.	1.9	4
21	Reliability Assessment of Eurocode 7 Spread Foundations Design Methodology. , 2011, , .		2
22	Rotation capacity of corroded RC beams with special ductility tempcore rebars. Engineering Structures, 2021, 236, 112138.	5.3	2
23	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
24	Probability Based Assessment of Serviceability Limit States in Precast Concrete Bridges. , 2004, , 280.		1
25	Civil Engineering Master hands-on challenge to motivate first-year students : CIVIL™in 2017-2018. , 2018, , .		1
26	Probabilistic Shear and Bending Resistance Models for Assessment of Reinforced and Prestressed Concrete Bridges. , 2008, , .		0
27	Train-bridge interaction influence on the safety of a short span railway bridge. , 2013, , .		0
28	CIVIL™in A tutorial program for new first-year students on the Master of Civil Engineering. , 2018, , .		0
29	Probabilistic models of material properties for design and assessment of concrete bridges. , 2008, , .		0
30	Dynamic response variability of a small span bridge for high speed rail traffic. , 2011, , 2974-2980.		0
31	A conceptual model for reliability analysis of pavement foundations. , 2012, , 829-835.		0
32	Localised metamodelling techniques for geotechnical reliability-based analysis. , 2013, , 283-289.		0
33	Efficient methodology for the safety assessment of a short span railway bridge under high-speed traffic. , 2014, , 1580-1587.		0
34	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