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Computational Platform for Predicting Lifetime System Reliability Profiles for Different Structure Types in a Network

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#	Paper	IF	Citations
48	Lifetime Performance Analysis of Existing Steel Girder Bridge Superstructures. <i>Journal of Structural Engineering</i> , 2004 , 130, 1875-1888	3	42
47	Bridge Rating and Reliability Correlation: Comprehensive Study for Different Bridge Types. <i>Journal of Structural Engineering</i> , 2004 , 130, 1063-1074	3	46
46	Time-dependent interaction between load rating and reliability of deteriorating bridges. <i>Engineering Structures</i> , 2004 , 26, 1751-1765	4.7	29
45	Lifetime Performance Analysis of Existing Prestressed Concrete Bridge Superstructures. <i>Journal of Structural Engineering</i> , 2004 , 130, 1889-1903	3	36
44	Improving the consideration of life-cycle costs in bridge decision-making in Switzerland. <i>Structure and Infrastructure Engineering</i> , 2005 , 1, 145-157	2.9	6
43	Balancing Connectivity of Deteriorating Bridge Networks and Long-Term Maintenance Cost through Optimization. <i>Journal of Bridge Engineering</i> , 2005 , 10, 468-481	2.7	45
42	Lifetime Performance Analysis of Existing Reinforced Concrete Bridges. II: Application. <i>Journal of Infrastructure Systems</i> , 2005 , 11, 129-141	2.9	25
41	Time-Dependent Bridge Network Reliability: Novel Approach. <i>Journal of Structural Engineering</i> , 2005 , 131, 329-337	3	42
40	Lifetime Performance Analysis of Existing Reinforced Concrete Bridges. I: Theory. <i>Journal of Infrastructure Systems</i> , 2005 , 11, 122-128	2.9	32
39	Optimizing Bridge Network Maintenance Management under Uncertainty with Conflicting Criteria: Life-Cycle Maintenance, Failure, and User Costs. <i>Journal of Structural Engineering</i> , 2006 , 132, 1835-1845	3	91
38	Maintenance Principles for Civil Structures. 2008 ,		6
37	Lifetime-oriented multi-objective optimization of structural maintenance considering system reliability, redundancy and life-cycle cost using GA. <i>Structural Safety</i> , 2009 , 31, 460-474	4.9	121
36	Redundancy of structural systems with and without maintenance: An approach based on lifetime functions. <i>Reliability Engineering and System Safety</i> , 2010 , 95, 520-533	6.3	39
35	Advanced Modeling for Efficient Computation of Life-Cycle Performance Prediction and Service-Life Estimation of Bridges. <i>Journal of Computing in Civil Engineering</i> , 2010 , 24, 548-556	5	22
34	Novel Approach for Multicriteria Optimization of Life-Cycle Preventive and Essential Maintenance of Deteriorating Structures. <i>Journal of Structural Engineering</i> , 2010 , 136, 1009-1022	3	65
33	Life-cycle performance, management, and optimisation of structural systems under uncertainty: accomplishments and challenges 1. <i>Structure and Infrastructure Engineering</i> , 2011 , 7, 389-413	2.9	297
32	Computational platform for the integrated life-cycle management of highway bridges. <i>Engineering Structures</i> , 2011 , 33, 2145-2153	4.7	20

31	A stochastic computational framework for the joint transportation network fragility analysis and traffic flow distribution under extreme events. <i>Probabilistic Engineering Mechanics</i> , 2011 , 26, 182-193	2.6	71
30	A probabilistic computational framework for bridge network optimal maintenance scheduling. <i>Reliability Engineering and System Safety</i> , 2011 , 96, 332-349	6.3	78
29	Generalized bridge network performance analysis with correlation and time-variant reliability. <i>Structural Safety</i> , 2011 , 33, 155-164	4.9	40
28	. 2011 ,		
27	Bridge network performance, maintenance and optimisation under uncertainty: accomplishments and challenges. <i>Structure and Infrastructure Engineering</i> , 2012 , 8, 341-356	2.9	59
26	Automated finite element updating using strain data for the lifetime reliability assessment of bridges. <i>Reliability Engineering and System Safety</i> , 2012 , 99, 139-150	6.3	40
25	Assessment of Risk Using Bridge Element Condition Ratings. <i>Journal of Infrastructure Systems</i> , 2013 , 19, 252-265	2.9	33
24	Time-dependent risk associated with deterioration of highway bridge networks. <i>Engineering Structures</i> , 2013 , 54, 221-233	4.7	31
23	Roadway network as a degrading system: vulnerability and system level performance. <i>Transportation Letters</i> , 2013 , 5, 105-114	2.1	10
22	Impact of Road Conditions and Disruption Uncertainties on Network Vulnerability. <i>Journal of Infrastructure Systems</i> , 2014 , 20, 04014015	2.9	37
21	Highway Bridge Design Specifications. 2014 , 129-146		7
20	Risk assessment methodology for bridges based on element condition ratings considering different maintenance strategies. 2014 , 3593-3599		1
19	Determination of Optimal MR&R Policies for Retaining Life-Cycle Connectivity of Bridge Networks. <i>Journal of Infrastructure Systems</i> , 2015 , 21, 04014042	2.9	11
18	Reliability analysis of a bridge network in Ireland. <i>Proceedings of the Institution of Civil Engineers: Bridge Engineering</i> , 2016 , 169, 3-12	0.5	3
17	Bridge life-cycle performance and cost: analysis, prediction, optimisation and decision-makingBased on the T.Y. Lin plenary lecture and the associated paper presented at the 8th International Conference on Bridge Maintenance, Safety and Management (IABMAS2016), Iguassu Falls, Paran�Brazil, 26-30 June, 2016.View all notes. <i>Structure and Infrastructure Engineering</i> , 2017 ,	2.9	122
16	Cross-entropy-based adaptive importance sampling for time-dependent reliability analysis of deteriorating structures. <i>Structural Safety</i> , 2017 , 66, 38-50	4.9	23
15	Some classes of statistical distributions. Properties and Applications. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2018 , 26, 43-68	0.4	4
14	Reliability index and parameter importance for bridge traffic loading definition changes. <i>Proceedings of the Institution of Civil Engineers: Bridge Engineering</i> , 2018 , 171, 13-24	0.5	1

13	Time-Dependent Reliability Analysis of RC Deep Beams considering Linear/Nonlinear Creep and Shrinkage Using ANFIS Network and MCS. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-15	1.3	
12	Probabilistic life-cycle optimization of durability-enhancing maintenance actions: Application to FRP strengthening planning. <i>Engineering Structures</i> , 2019 , 188, 340-349	4.7	28
11	Life-cycle management of deteriorating civil infrastructure considering resilience to lifetime hazards: A general approach based on renewal-reward processes. <i>Reliability Engineering and System Safety</i> , 2019 , 183, 197-212	6.3	29
10	Structural reliability software and calculation tools: a review. <i>Innovative Infrastructure Solutions</i> , 2020 , 5, 1	2.3	3
9	Investigation of Effects of Time Preference and Risk Perception on Life-Cycle Management of Civil Infrastructure. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering</i> , 2020 , 6, 04020001	1.7	3
8	Life-cycle optimization of structural systems based on cumulative prospect theory: Effects of the reference point and risk attitudes. <i>Reliability Engineering and System Safety</i> , 2021 , 218, 108100	6.3	2
7	A Decision-Making Framework for Load Rating Planning of Aging Bridges Using Deep Reinforcement Learning. <i>Journal of Computing in Civil Engineering</i> , 2021 , 35, 04021024	5	0
6	Risk-based life-cycle optimization of deteriorating steel bridges: Investigation on the use of novel corrosion resistant steel. <i>Advances in Structural Engineering</i> , 2021 , 24, 1668-1686	1.9	4
5	Life Cycle Evaluation and Condition Assessment of Structures. 2005 ,		5
4	Analytical solutions for cohesive concrete cracking due to non-uniform corrosion of the steel reinforcements. 2016 , 84-84		
3	Variations of Safety Factors for Bridges over their Lifetime considering Changing Live Load Definitions. 2018 ,		
2	Reliability of reinforced concrete beams in serviceability limit state via microprestress-solidification theory, a structural health monitoring strategy. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 146442072110690	1.3	2
1	Optimal maintenance scheduling under uncertainties using Linear Programming-enhanced Reinforcement Learning. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 109, 104655	7.2	4