

Hani Nassif

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

573
citations

840585

11
h-index

642610

23
g-index

40
all docs

40
docs citations

40
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS-based approach for evaluating a community intrinsic resilience index. Natural Hazards, 2022, 111, 1271-1299.	1.6	6
2	Population agglomeration is a harbinger of the spatial complexity of COVID-19. Chemical Engineering Journal, 2021, 420, 127702.	6.6	11
3	Truck Platooning to Minimize Load-Induced Fatigue in Steel Girder Bridges. Transportation Research Record, 2021, 2675, 146-154.	1.0	7
4	Strain transfer effect in distributed fiber optic sensors under an arbitrary field. Automation in Construction, 2021, 124, 103597.	4.8	58
5	Measurement and visualization of strains and cracks in CFRP post-tensioned fiber reinforced concrete beams using distributed fiber optic sensors. Automation in Construction, 2021, 124, 103604.	4.8	73
6	A kernel-modulated SIR model for Covid-19 contagious spread from county to continent. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
7	ANISOTROPIC MULTIFRACTAL SCALING OF MOUNT LEBANON TOPOGRAPHY: APPROXIMATE CONDITIONING. Fractals, 2021, 29, 2150112.	1.8	3
8	Assessment of Provisions for Load Rating Gusset Plates in Steel Truss Bridges. Transportation Research Record, 2021, 2675, 663-675.	1.0	0
9	Development of a Risk Assessment Module for Bridge Management Systems in New Jersey. Transportation Research Record, 2020, 2674, 324-337.	1.0	6
10	Improving the conversion accuracy between bridge element conditions and NBI ratings using deep convolutional neural networks. Structure and Infrastructure Engineering, 2020, 16, 1669-1682.	2.0	13
11	New perspectives on recycling waste glass in manufacturing concrete for sustainable civil infrastructure. Construction and Building Materials, 2020, 257, 119579.	3.2	113
12	Reliability Assessment of Steel Bridges for Specialized Hauling Vehicles. Transportation Research Record, 2019, 2673, 391-403.	1.0	2
13	Stochastic Multi-Objective Optimization-Based Life Cycle Cost Analysis for New Construction Materials and Technologies. Transportation Research Record, 2019, 2673, 466-479.	1.0	4
14	Application of Machine Learning Techniques for the Analysis of National Bridge Inventory and Bridge Element Data. Transportation Research Record, 2019, 2673, 99-110.	1.0	4
15	Review and assessment of the New Jersey freight assistance program. Research in Transportation Economics, 2019, 77, 100742.	2.2	0
16	Mapping of truck traffic in New Jersey using weigh-in-motion data. IET Intelligent Transport Systems, 2018, 12, 1053-1061.	1.7	3
17	Development of Live Load Model for Strength II Limit State in AASHTO LRFD Design Specifications. Transportation Research Record, 2018, 2672, 11-23.	1.0	1
18	Use of Fiber-Reinforced Self-Consolidating Concrete to Enhance Serviceability Performance of Damaged Beams. Transportation Research Record, 2018, 2672, 45-55.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Impact of Heavy Freight Railcar on the Remaining Fatigue Life of Centenarian Railway Bridges. Journal of Bridge Engineering, 2017, 22, 04017097.	1.4	6
20	Impact of Overweight Trucks on the Service Life of Bridge Girders. Transportation Research Record, 2017, 2642, 103-117.	1.0	9
21	Modeling Salt Usage During Snowstorms. Transportation Research Record, 2017, 2643, 54-64.	1.0	1
22	Effect of Overweight Trucks on Bridge Deck Deterioration Based on Weigh-in-Motion Data. Transportation Research Record, 2016, 2592, 86-97.	1.0	16
23	Simple Approach to Calculate Displacements and Rotations in Integral Abutment Bridges. Transportation Research Record, 2015, 2522, 39-46.	1.0	3
24	Field Monitoring of Rebar Debonding in Concrete Bridge Decks under Traffic-Induced Vibrations. Transportation Research Record, 2014, 2407, 32-43.	1.0	4
25	Verification of shear live-load distribution factor equations for I-girder bridges. KSCE Journal of Civil Engineering, 2013, 17, 550-555.	0.9	11
26	Optimization of Design Details in Orthotropic Steel Decks Subjected to Static and Fatigue Loads. Transportation Research Record, 2013, 2331, 14-23.	1.0	13
27	Analytic Hierarchy Process to Improve Simple Bridge Security Checklist. Transportation Research Record, 2012, 2313, 201-207.	1.0	6
28	Effect of Substructure Stiffness on Performance of Steel Integral Abutment Bridges under Thermal Loads. Transportation Research Record, 2012, 2313, 22-32.	1.0	7
29	Vibration versus Deflection Control for Bridges with High-Performance Steel Girders. Transportation Research Record, 2011, 2251, 24-33.	1.0	5
30	A State-Space Approach for Deriving Bridge Displacement from Acceleration. Computer-Aided Civil and Infrastructure Engineering, 2008, 23, 281-290.	6.3	64
31	Evaluation of Laminated Circular Elastomeric Bearings. Journal of Bridge Engineering, 2007, 12, 89-97.	1.4	11
32	An Algorithm for Estimating Bridge Deflection from Accelerometer Measurements. , 2006, , .		6
33	Finite element analysis of bridge approach slabs considering soil-structure interaction. Bridge Structures, 2005, 1, 245-256.	0.2	8
34	Impact of NCHRP Project 12-49 provisions on the seismic design of bridges on very soft soils in New Jersey. Bridge Structures, 2005, 1, 29-42.	0.2	1
35	Effect of Curing Methods on Early-Age and Drying Shrinkage of High-Performance Concrete. Transportation Research Record, 2003, 1834, 48-58.	1.0	15
36	Effect of Curing Methods on Durability of High-Performance Concrete. Transportation Research Record, 2002, 1798, 31-38.	1.0	9

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37	Effect of Truck Loads on Bridges. Journal of Transportation Engineering, 1993, 119, 853-867.	0.9	47
38	Analysis of Overweight Truck Permit Policy in New Jersey. Transportation Research Record, 0, , 036119812110266.	1.0	1
39	Impact of Specialized Hauling Vehicles and Emergency Vehicles on Bridge Load Rating. Transportation Research Record, 0, , 036119812110145.	1.0	1
40	Reliability-Based Assessment of Concrete Decks Designed Using Approximate Method at the Strength I Limit State. Transportation Research Record, 0, , 036119812210909.	1.0	0