

Fouad T. Al Rikabi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

204
citations

1307594

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23
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23
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Shear Connection in Adjacent Box-Beam Bridges with Ultrahigh-Performance Concrete Joints. I: Model Calibration and Validation. Journal of Bridge Engineering, 2017, 22, .	2.9	49
2	Material Properties of Synthetic Fiber-Reinforced Concrete under Freeze-Thaw Conditions. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	38
3	Laboratory Evaluation of Ultrahigh-Performance Concrete Shear Key for Prestressed Adjacent Precast Concrete Box Girder Bridges. Journal of Bridge Engineering, 2017, 22, .	2.9	30
4	Modeling the Shear Connection in Adjacent Box-Beam Bridges with Ultrahigh-Performance Concrete Joints. II: Load Transfer Mechanism. Journal of Bridge Engineering, 2017, 22, .	2.9	21
5	Experimental validation of optimized ultra-high-performance concrete shear key shape for precast pre-stressed adjacent box girder bridges. Construction and Building Materials, 2018, 190, 178-190.	7.2	14
6	Experimental Investigation of Thin-wall Synthetic Fiber Reinforced Concrete Pipes. ACI Structural Journal, 2018, 115, .	0.2	14
7	Evaluation of Synthetic Fiber Reinforced Concrete Pipe Performance Using Three-Edge Bearing Test. Journal of Testing and Evaluation, 2019, 47, 942-958.	0.7	12
8	Response of a Composite-Adjacent Box Beam Bridge with Skewed Beams under Static and Quasi-Static Loads. Journal of Performance of Constructed Facilities, 2019, 33, 04019022.	2.0	4
9	A new test method for evaluating the long-term performance of fiber-reinforced concrete pipes. Advances in Structural Engineering, 2020, 23, 1336-1349.	2.4	4
10	Design Proposal for Synthetic Fiber-Reinforced Concrete Pipes Using Finite Element Analysis. Journal of Testing and Evaluation, 2020, 48, 871-895.	0.7	4
11	Influence of Nonuniform Box Beam Dimensions and Bridge Transverse Slope on Environmentally Induced Stresses in Adjacent Box Beam Bridges. Journal of Performance of Constructed Facilities, 2018, 32, 04018081.	2.0	3
12	Experimental and numerical investigation on optimized ultra-high performance concrete shear key with shear reinforcement bars. Structures, 2022, 40, 403-419.	3.6	3
13	Evaluation of Ultra-High Performance Concrete Grout Performance under Longitudinal Shear. , 2017, , .		2
14	Experimental Study on Shear Strength of Synthetic Fiber Reinforced High Strength Concrete Containing Slag Aggregate. , 2019, , .		2
15	Performance of Thin-Wall Synthetic Fiber-Reinforced Concrete Pipes under Short and Long-Term Loading. Journal of Testing and Evaluation, 2020, 48, 3713-3733.	0.7	2
16	The Thermal Expansion of Synthetic Fiber-Reinforced Concrete under Air-Dry and Saturated Conditions. , 2017, , .		1
17	Thin-Wall Synthetic Fiber Reinforced Concrete Pipe Performance under Cyclic Loading. , 2019, , .		1
18	Thin-Walled Steel Fiber Reinforced Concrete Pipes Performance under Three-Edge Bearing Load. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Investigation of Dynamic Impact Factor of Metal Multipipe Culvert under Shallow Cover. , 2021, , .		0
20	Early-Age Deck Cracking from Asymmetric Thermal Behavior in Skewed Adjacent Box Beam Bridges. Journal of Testing and Evaluation, 2022, 50, 20200699.	0.7	0
21	Experimental Study on the Buckling of Subsea Pipe-in-Pipe Systems. Journal of Testing and Evaluation, 2020, 48, 20180595.	0.7	0
22	Effects of Interface Roughness on Shear Key Performance of Ultra-High Performance Concrete in Adjacent Box Girder Bridges. , 2019, , .		0