

# Fouad T. Al Rikabi

## List of Publications by Year in descending order

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docs citations

23  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early-Age Deck Cracking from Asymmetric Thermal Behavior in Skewed Adjacent Box Beam Bridges. Journal of Testing and Evaluation, 2022, 50, 20200699.	0.4	0
2	Experimental and numerical investigation on optimized ultra-high performance concrete shear key with shear reinforcement bars. Structures, 2022, 40, 403-419.	1.7	3
3	Investigation of Dynamic Impact Factor of Metal Multipipe Culvert under Shallow Cover. , 2021, , .		0
4	A new test method for evaluating the long-term performance of fiber-reinforced concrete pipes. Advances in Structural Engineering, 2020, 23, 1336-1349.	1.2	4
5	Design Proposal for Synthetic Fiber-Reinforced Concrete Pipes Using Finite Element Analysis. Journal of Testing and Evaluation, 2020, 48, 871-895.	0.4	4
6	Experimental Study on the Buckling of Subsea Pipe-in-Pipe Systems. Journal of Testing and Evaluation, 2020, 48, 20180595.	0.4	0
7	Performance of Thin-Wall Synthetic Fiber-Reinforced Concrete Pipes under Short and Long-Term Loading. Journal of Testing and Evaluation, 2020, 48, 3713-3733.	0.4	2
8	Thin-Wall Synthetic Fiber Reinforced Concrete Pipe Performance under Cyclic Loading. , 2019, , .		1
9	Experimental Study on Shear Strength of Synthetic Fiber Reinforced High Strength Concrete Containing Slag Aggregate. , 2019, , .		2
10	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.	1.0	4
11	Evaluation of Synthetic Fiber Reinforced Concrete Pipe Performance Using Three-Edge Bearing Test. Journal of Testing and Evaluation, 2019, 47, 942-958.	0.4	12
12	Effects of Interface Roughness on Shear Key Performance of Ultra-High Performance Concrete in Adjacent Box Girder Bridges. , 2019, , .		0
13	Material Properties of Synthetic Fiber-Reinforced Concrete under Freeze-Thaw Conditions. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	38
14	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.	3.2	14
15	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.	1.0	3
16	Thin-Walled Steel Fiber Reinforced Concrete Pipes Performance under Three-Edge Bearing Load. , 2018, , .		0
17	Experimental Investigation of Thin-wall Synthetic Fiber Reinforced Concrete Pipes. ACI Structural Journal, 2018, 115, .	0.3	14
18	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, .	1.4	49

#	ARTICLE	IF	CITATIONS
19	Modeling the Shear Connection in Adjacent Box-Beam Bridges with Ultrahigh-Performance Concrete Joints. II: Load Transfer Mechanism. Journal of Bridge Engineering, 2017, 22, .	1.4	21
20	The Thermal Expansion of Synthetic Fiber-Reinforced Concrete under Air-Dry and Saturated Conditions. , 2017, , .		1
21	Evaluation of Ultra-High Performance Concrete Grout Performance under Longitudinal Shear. , 2017, , .		2
22	Laboratory Evaluation of Ultrahigh-Performance Concrete Shear Key for Prestressed Adjacent Precast Concrete Box Girder Bridges. Journal of Bridge Engineering, 2017, 22, .	1.4	30