

Caesar Abi Shdid

List of Publications by Year in descending order

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28
papers

363
citations

932766

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19
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28
all docs

28
docs citations

28
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Using numerical modeling for asset management of buried prestressed concrete cylinder pipes. Structural Concrete, 2021, 22, 1487-1499.	1.5	5
2	Aeroelastic modeling to study the wind-induced response of a self-supported lattice tower. Engineering Structures, 2021, 245, 112885.	2.6	15
3	Integrated project delivery implementation framework for water and wastewater treatment plant projects. Engineering, Construction and Architectural Management, 2019, 27, 609-633.	1.8	25
4	Project Performance Rating Model for Water and Wastewater Treatment Plant Public Projects. Journal of Management in Engineering - ASCE, 2019, 35, .	2.6	12
5	Agent-Based Model for Simulating Construction Safety Climate in a Market Environment. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	15
6	Effect of the Presence of Pre-Service Construction Cracks in Concrete Decks on the Thermal Profile of Composite Steel-Concrete Bridges in Cold Regions. , 2017, , .		0
7	Ring foundation on elastic subgrade: an analytical solution for computer modelling using the Lagrangian multiplier method. International Journal for Numerical and Analytical Methods in Geomechanics, 2016, 40, 2017-2030.	1.7	6
8	An Agent-Based Framework for Simulating Contractors's Safety Behavior. , 2016, , .		0
9	Effect of the Number of Broken Wire Wraps on the Structural Performance of PCCP with Full Interaction at the Gasket Joint. Journal of Pipeline Systems Engineering and Practice, 2016, 7, .	0.9	17
10	Experimental Validation of an Empirical Model for Computing the Diameter of Drilled Shafts during Construction Using CSL Signal Processing. Journal of Computing in Civil Engineering, 2016, 30, 04015018.	2.5	0
11	Structural performance of buried prestressed concrete cylinder pipes with harnessed joints interaction using numerical modeling. Tunnelling and Underground Space Technology, 2016, 51, 11-19.	3.0	48
12	Applications of Fast Fourier Transform in the Integrity Evaluation of Deep Foundations: Innovative Method for Quality Control. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	1
13	Improving the Delivery Process of Water and Wastewater Treatment Plant Public Projects through the use of IPD Principles: A Case Study. Proceedings of the Water Environment Federation, 2016, 2016, 1203-1213.	0.0	0
14	Structural capacity reduction of drilled shaft foundations due to corrosion in longitudinal bars. Structure and Infrastructure Engineering, 2015, 11, 1537-1546.	2.0	1
15	The Effect of the Size and Orientation of Corrosion Damage on the Residual Strength of Steel Pipes: Analytical Validation of a Numerical Model. , 2015, , .		0
16	Effect of the location of broken wire wraps on the failure pressure of prestressed concrete cylinder pipes. Structural Concrete, 2015, 16, 297-303.	1.5	29
17	Validating a new model for rapid multi-dimensional combined heat and air infiltration building energy simulation. Energy and Buildings, 2015, 87, 185-198.	3.1	7
18	Improving the Delivery Process of Water and Wastewater Treatment Plant Public Projects through the use of IPD Principles: A Case Study. Proceedings of the Water Environment Federation, 2015, 2015, 1-11.	0.0	0

#	ARTICLE	IF	CITATIONS
19	An Enhanced Model for combined heat and air infiltration energy simulation. Journal of Building Physics, 2014, 38, 262-286.	1.2	1
20	A methodology for 3-D multiphysics CFD simulation of air leakage in building envelopes. Energy and Buildings, 2013, 65, 146-158.	3.1	21
21	Determination of Two-Dimensional Plastic Zone Shape and SIF at Crack-Tip Using RKPM. Journal of Iron and Steel Research International, 2013, 20, 103-114.	1.4	3
22	Air infiltration through building envelopes: A review. Journal of Building Physics, 2012, 35, 267-302.	1.2	126
23	Uplift Capacity and Impact Resistance of Roof Tiles. Practice Periodical on Structural Design and Construction, 2011, 16, 121-129.	0.7	2
24	Performance of Roof Tiles under Simulated Hurricane Impact. Journal of Architectural Engineering, 2009, 15, 26-34.	0.8	16
25	Developments in Coarse-Grain Modeling of Transient Heat-Flow in Buildings. Journal of Computing in Civil Engineering, 2007, 21, 379-382.	2.5	1
26	Visual Rating and Strength Testing of 40-Year-Old Precast Prestressed Concrete Bridge Piling. Transportation Research Record, 2006, 1975, 2-9.	1.0	0
27	Simulating the Thermal Behavior of Buildings Using Artificial Neural Networks-Based Coarse-Grain Modeling. Journal of Computing in Civil Engineering, 2004, 18, 207-214.	2.5	10
28	Visual Rating and Strength Testing of 40-Year-Old Precast Prestressed Concrete Bridge Piling. , 0, .		2