

Caesar Abi Shdid

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

363
citations

932766

10
h-index

794141

19
g-index

28
all docs

28
docs citations

28
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Air infiltration through building envelopes: A review. <i>Journal of Building Physics</i> , 2012, 35, 267-302.	1.2	126
2	Structural performance of buried prestressed concrete cylinder pipes with harnessed joints interaction using numerical modeling. <i>Tunnelling and Underground Space Technology</i> , 2016, 51, 11-19.	3.0	48
3	Effect of the location of broken wire wraps on the failure pressure of prestressed concrete cylinder pipes. <i>Structural Concrete</i> , 2015, 16, 297-303.	1.5	29
4	Integrated project delivery implementation framework for water and wastewater treatment plant projects. <i>Engineering, Construction and Architectural Management</i> , 2019, 27, 609-633.	1.8	25
5	A methodology for 3-D multiphysics CFD simulation of air leakage in building envelopes. <i>Energy and Buildings</i> , 2013, 65, 146-158.	3.1	21
6	Effect of the Number of Broken Wire Wraps on the Structural Performance of PCCP with Full Interaction at the Gasket Joint. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2016, 7, .	0.9	17
7	Performance of Roof Tiles under Simulated Hurricane Impact. <i>Journal of Architectural Engineering</i> , 2009, 15, 26-34.	0.8	16
8	Agent-Based Model for Simulating Construction Safety Climate in a Market Environment. <i>Journal of Computing in Civil Engineering</i> , 2017, 31, .	2.5	15
9	Aeroelastic modeling to study the wind-induced response of a self-supported lattice tower. <i>Engineering Structures</i> , 2021, 245, 112885.	2.6	15
10	Project Performance Rating Model for Water and Wastewater Treatment Plant Public Projects. <i>Journal of Management in Engineering - ASCE</i> , 2019, 35, .	2.6	12
11	Simulating the Thermal Behavior of Buildings Using Artificial Neural Networks-Based Coarse-Grain Modeling. <i>Journal of Computing in Civil Engineering</i> , 2004, 18, 207-214.	2.5	10
12	Validating a new model for rapid multi-dimensional combined heat and air infiltration building energy simulation. <i>Energy and Buildings</i> , 2015, 87, 185-198.	3.1	7
13	Ring foundation on elastic subgrade: an analytical solution for computer modelling using the Lagrangian multiplier method. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016, 40, 2017-2030.	1.7	6
14	Using numerical modeling for asset management of buried prestressed concrete cylinder pipes. <i>Structural Concrete</i> , 2021, 22, 1487-1499.	1.5	5
15	Determination of Two-Dimensional Plastic Zone Shape and SIF at Crack-Tip Using RKPM. <i>Journal of Iron and Steel Research International</i> , 2013, 20, 103-114.	1.4	3
16	Uplift Capacity and Impact Resistance of Roof Tiles. <i>Practice Periodical on Structural Design and Construction</i> , 2011, 16, 121-129.	0.7	2
17	Visual Rating and Strength Testing of 40-Year-Old Precast Prestressed Concrete Bridge Piling. , 0, .		2
18	Developments in Coarse-Grain Modeling of Transient Heat-Flow in Buildings. <i>Journal of Computing in Civil Engineering</i> , 2007, 21, 379-382.	2.5	1

#	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	Structural capacity reduction of drilled shaft foundations due to corrosion in longitudinal bars. Structure and Infrastructure Engineering, 2015, 11, 1537-1546.	2.0	1
21	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
22	Visual Rating and Strength Testing of 40-Year-Old Precast Prestressed Concrete Bridge Piling. Transportation Research Record, 2006, 1975, 2-9.	1.0	0
23	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
24	An Agent-Based Framework for Simulating Contractorsâ€™ Safety Behavior. , 2016, , .		0
25	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
26	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
27	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
28	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