

# Seyed Mahdi Seyed Kolbadi

## List of Publications by Year in descending order

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17  
papers

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933264

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940416

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17  
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17  
docs citations

17  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	FEM-based parametric analysis of a typical gravity dam considering input excitation mechanism. Soil Dynamics and Earthquake Engineering, 2016, 84, 22-43.	1.9	53
2	Random finite element method for the seismic analysis of gravity dams. Engineering Structures, 2018, 171, 405-420.	2.6	46
3	Seismic cracking and instability of concrete dams: Smearred crack approach. Engineering Failure Analysis, 2015, 52, 45-60.	1.8	43
4	A smeared crack model for seismic failure analysis of concrete gravity dams considering fracture energy effects. Structural Engineering and Mechanics, 2013, 48, 17-39.	1.0	33
5	Anatomy of the vibration characteristics in old arch dams by random field theory. Engineering Structures, 2019, 179, 460-475.	2.6	23
6	Mathematical Modeling and Numerical Analysis of Thermal Distribution in Arch Dams considering Solar Radiation Effect. Scientific World Journal, The, 2014, 2014, 1-15.	0.8	19
7	Response Surface Method for Material Uncertainty Quantification of Infrastructures. Shock and Vibration, 2018, 2018, 1-14.	0.3	19
8	An Improved Strength Reduction-Based Slope Stability Analysis. Geosciences (Switzerland), 2019, 9, 55.	1.0	15
9	Structural safety evaluation of Karun III Dam and calibration of its finite element model using instrumentation and site observation. Case Studies in Structural Engineering, 2014, 1, 6-12.	1.6	12
10	Instrumented Health Monitoring of an Earth Dam. Infrastructures, 2020, 5, 26.	1.4	12
11	On the Dynamic Capacity of Concrete Dams. Infrastructures, 2019, 4, 57.	1.4	9
12	Explosive Performance Assessment of Buried Steel Pipeline. Advances in Civil Engineering, 2021, 2021, 1-24.	0.4	8
13	Nonlinear Seismic Performance Evaluation of Flexural Slotted Connection Using Endurance Time Method. Shock and Vibration, 2020, 2020, 1-15.	0.3	7
14	Evaluation of Nonlinear Behavior of Reinforced Concrete Frames by Explosive Dynamic Loading Using Finite Element Method. Civil Engineering Journal (Iran), 2018, 3, 1198.	1.2	7
15	Nonlinear Analysis of Concrete Structural Components Using Co-axial Rotating Smearred Crack Model. Journal of Applied Sciences, 2012, 12, 221-232.	0.1	6
16	Discussion of "Hydrodynamic Pressure on Gravity Dams with Different Heights and the Westergaard Correction Formula" by Mingming Wang, Jianyun Chen, Liang Wu, and Bingyue Song. International Journal of Geomechanics, 2022, 22, .	1.3	4
17	Corrigendum to "Explosive Performance Assessment of Buried Steel Pipeline". Advances in Civil Engineering, 2021, 2021, 1-1.	0.4	0