

# Meysam Bayat

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

534  
citations

623574

14  
h-index

677027

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on stabilization of a low plasticity clayey soil with cement/lime. <i>Arabian Journal of Geosciences</i> , 2015, 8, 1439-1452.	0.6	97
2	An equivalent beam model for the analysis of tunnel-building interaction. <i>Tunnelling and Underground Space Technology</i> , 2011, 26, 524-533.	3.0	51
3	Prediction of the unconfined compressive strength of stabilised soil by Adaptive Neuro Fuzzy Inference System (ANFIS) and Non-Linear Regression (NLR). <i>Geomechanics and Geoengineering</i> , 2022, 17, 80-91.	0.9	41
4	Experimental evaluation of mechanical behavior of unsaturated silty sand under constant water content condition. <i>Engineering Geology</i> , 2012, 141-142, 45-56.	2.9	33
5	Freeze-Thaw Durability of Cement-Stabilized Soil Reinforced with Polypropylene/Basalt Fibers. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	32
6	Nonlinear vibration of stringer shell by means of extended Hamiltonian approach. <i>Archive of Applied Mechanics</i> , 2014, 84, 43-50.	1.2	30
7	Stiffness Degradation and Damping Ratio of Sand-Gravel Mixtures Under Saturated State. <i>International Journal of Civil Engineering</i> , 2018, 16, 1261-1277.	0.9	28
8	Utilization of Zeolite to Improve the Behavior of Cement-Stabilized Soil. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2021, 7, 1.	0.9	25
9	Experimental Study on Mechanical Properties of Cement-Stabilized Soil Blended with Crushed Stone Waste. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 1974-1984.	0.9	24
10	Effect of grading characteristics on the undrained shear strength of sand: review with new evidences. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4409-4418.	0.6	18
11	Modified Models for Predicting Dynamic Properties of Granular Soil Under Anisotropic Consolidation. <i>International Journal of Geomechanics</i> , 2020, 20, 04019197.	1.3	18
12	Evaluation of performance parameters of cement mortar in semi-flexible pavement using rubber powder and nano silica additives. <i>Construction and Building Materials</i> , 2021, 302, 124166.	3.2	18
13	Control Volume Based Finite Element Method Study of Nano-fluid Natural Convection Heat Transfer in an Enclosure Between a Circular and a Sinusoidal Cylinder. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2013, 14, 521-532.	0.4	17
14	Shear strength and pore-water pressure characteristics of sandy soil mixed with plastic fine. <i>Arabian Journal of Geosciences</i> , 2014, 7, 1049-1057.	0.6	15
15	Influence of nano-silica modified rubber mortar and EVA modified porous asphalt on the performance improvement of modified semi-flexible pavement. <i>Construction and Building Materials</i> , 2022, 337, 127573.	3.2	15
16	Influence of Depositional Method on Dynamic Properties of Granular Soil. <i>International Journal of Civil Engineering</i> , 2019, 17, 907-920.	0.9	14
17	Prediction of unconfined compressive strength and California bearing capacity of cement- or lime-pozzolan-stabilised soil admixed with crushed stone waste. <i>Geomechanics and Geoengineering</i> , 2023, 18, 272-283.	0.9	12
18	Effect of physical parameters on static undrained resistance of sandy soil with low silt content. <i>Soil Dynamics and Earthquake Engineering</i> , 2011, 31, 1324-1331.	1.9	11

#	ARTICLE	IF	CITATIONS
19	Laboratory investigation on the effects of pH-induced changes on geotechnical characteristics of clay soil. <i>Geomechanics and Geoengineering</i> , 2020, , 1-9.	0.9	10
20	Utilisation of steel slag as a granular column to enhance the lateral load capacity of soil. <i>Geomechanics and Geoengineering</i> , 0, , 1-11.	0.9	7
21	Mechanical behavior of silty sand reinforced with nanosilica-coated ceramic fibers. <i>Journal of Adhesion Science and Technology</i> , 0, , 1-20.	1.4	6
22	Study of interface shear strength between sand and concrete. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	4
23	Universal model forms for predicting the dynamic properties of granular soils. <i>Acta Geodynamica Et Geomaterialia</i> , 2020, , 217-227.	0.3	3
24	Effect of Sand Fouling on the Dynamic Properties and Volume Change of Gravel During Cyclic Loadings. <i>Periodica Polytechnica: Civil Engineering</i> , 2020, , .	0.6	2
25	Shear Strength and Wind Erosion Potential of Biologically Improved Sand. <i>Geomicrobiology Journal</i> , 2021, 38, 631-638.	1.0	2
26	Shear wave velocity in granular soil considering effects of inherent and stress-induced anisotropy. <i>Journal of Central South University</i> , 2021, 28, 1476-1492.	1.2	1
27	Suppressing Transversal Vibration of a Moving String by Back-stepping and Sliding Mode Control Systems. , 2017, , .		0
28	Ø±ùØ³Ø± Ø-ùÈùØ±...ùÈùÈùÈ Ø°Ø±úØ±æÈùØ±È Ø-Ø±ùù±æÈØ±È Ø±Ø² ùù,Ø-ù± ùùØ± ùùØ³Ø±ù...ùùØ±		
29	Response of pile group adjacent to a slope crest under static axial loading. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	0