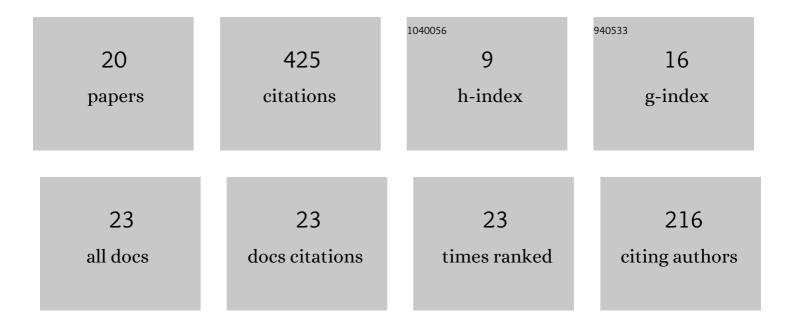
## Amir Akbari Garakani

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Energy piles under lateral loading: Analytical and numerical investigations. Renewable Energy, 2022,<br>182, 172-191.  | 8.9 | 10        |
| 2  | Numerical and Analytical Study on Axial Ultimate Bearing Capacity of Fixed-Head Energy Piles in<br>Different Soils. International Journal of Geomechanics, 2022, 22, .   | 2.7 | 6         |
| 3  | Effects of heat exchange fluid characteristics and pipe configuration on the ultimate bearing capacity of energy piles. Energy, 2022, 248, 123583.   | 8.8 | 4         |
| 4  | An effective stress-based parametric study on the seismic stability of unsaturated slopes with<br>implications for preliminary microzonation. Bulletin of Engineering Geology and the Environment,<br>2021, 80, 7525-7549. | 3.5 | 11        |
| 5  | Unsaturated 3D Column Method: New Method for Evaluation of Stability of Unsaturated Slopes<br>Subjected to Vertical Steady-State Infiltration and Evaporation. International Journal of<br>Geomechanics, 2021, 21, .       | 2.7 | 7         |
| 6  | An effective stress-based DSC model for predicting the coefficient of lateral soil pressure in unsaturated soils. Acta Geotechnica, 2021, 16, 3813.  | 5.7 | 3         |
| 7  | Bearing Capacity of Shallow Foundations on Unsaturated Soils: Analytical Approach with 3D<br>Numerical Simulations and Experimental Validations. International Journal of Geomechanics, 2020, 20,                          | 2.7 | 26        |
| 8  | Analytical and Numerical Study on the Ultimate Bearing Capacity of Energy Piles in Sandy Soils. , 2020, ,  |     | 1         |
| 9  | A Suction-Controlled Ring Device to Measure the Coefficient of Lateral Soil Pressure in Unsaturated<br>Soils. Geotechnical Testing Journal, 2020, 43, 20190099.  | 1.0 | 4         |
| 10 | Testing and Constitutive Modeling of Lime-Stabilized Collapsible Loess. I: Experimental Investigations.<br>International Journal of Geomechanics, 2019, 19, .  | 2.7 | 38        |
| 11 | Testing and Constitutive Modeling of Lime-Stabilized Collapsible Loess. II: Modeling and Validations.<br>International Journal of Geomechanics, 2019, 19, .  | 2.7 | 25        |
| 12 | Effect of road salts on the hydro-mechanical behavior of unsaturated collapsible soils.<br>Transportation Geotechnics, 2018, 17, 77-90.  | 4.5 | 31        |
| 13 | Effect of Soil Structure and Disturbance on Hydromechanical Behavior of Collapsible Loessial Soils.<br>International Journal of Geomechanics, 2017, 17, .  | 2.7 | 74        |
| 14 | Hardening behavior of a hydro collapsible loessial soil. Japanese Geotechnical Society Special<br>Publication, 2016, 2, 253-257.   | 0.2 | 4         |
| 15 | Study on the stress path dependency of collapse behavior of Gorgan loess implementing unsaturated oedometer devices. E3S Web of Conferences, 2016, 9, 14019.   | 0.5 | 1         |
| 16 | Hydro-mechanical behavior of undisturbed collapsible loessial soils under different stress state conditions. Engineering Geology, 2015, 195, 28-41.  | 6.3 | 92        |
| 17 | Characterization of the effect of disturbance on the hydro-mechanical behavior of a highly collapsible loessial soil. , 2014, , 261-266.   |     | 9         |
| 18 | Assessing the Hydro-Mechanical Behavior of Collapsible Soils Using a Modified Triaxial Test Device.<br>Geotechnical Testing Journal, 2014, 37, 20130034.   | 1.0 | 49        |

| #  | Article   | IF | CITATIONS |
|----|---|----|-----------|
| 19 | The Variation of Total Volume Change, Water Volume Change, Yielding Net Confining Stress and Shear<br>Strength of Undisturbed Unsaturated Loess under Isotropic Compression. , 2012, , 293-300. |    | 4         |
| 20 | Collapse Potential and Permeability of Undisturbed and Remolded Loessial Soil Samples. , 2012, , 301-308.   |    | 23        |