

# A R Estabragh

## List of Publications by Citations

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49  
papers

899  
citations

18  
h-index

29  
g-index

51  
ext. papers

1,061  
ext. citations

2.5  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
49	Behavior of cement-stabilized clay reinforced with nylon fiber. <i>Geosynthetics International</i> , <b>2012</b> , 19, 85-92	3.3	87
48	Laboratory investigation of the effect of cyclic wetting and drying on the behaviour of an expansive soil. <i>Soils and Foundations</i> , <b>2015</b> , 55, 304-314	2.9	72
47	Swelling Potential of a Stabilized Expansive Soil: A Comparative Experimental Study. <i>Geotechnical and Geological Engineering</i> , <b>2017</b> , 35, 1717-1744	1.5	65
46	Treatment of an expansive soil by mechanical and chemical techniques. <i>Geosynthetics International</i> , <b>2014</b> , 21, 233-243	3.3	51
45	Stabilised expansive soil behaviour during wetting and drying. <i>International Journal of Pavement Engineering</i> , <b>2013</b> , 14, 418-427	2.6	48
44	Effect of different types of wetting fluids on the behaviour of expansive soil during wetting and drying. <i>Soils and Foundations</i> , <b>2013</b> , 53, 617-627	2.9	45
43	Improvement of clay soil by electro-osmosis technique. <i>Applied Clay Science</i> , <b>2014</b> , 95, 32-36	5.2	44
42	Mechanical Behavior of a Clay Soil Reinforced with Nylon Fibers. <i>Geotechnical and Geological Engineering</i> , <b>2011</b> , 29, 899-908	1.5	44
41	Critical state for overconsolidated unsaturated silty soil. <i>Canadian Geotechnical Journal</i> , <b>2008</b> , 45, 408-420	2	40
40	Consolidation behavior of two fine-grained soils contaminated by glycerol and ethanol. <i>Engineering Geology</i> , <b>2014</b> , 178, 102-108	6	38
39	Effect of Resin on the Strength of Soil-Cement Mixture. <i>Journal of Materials in Civil Engineering</i> , <b>2011</b> , 23, 969-976	3	35
38	Effect of compaction pressure on consolidation behaviour of unsaturated silty soil. <i>Canadian Geotechnical Journal</i> , <b>2004</b> , 41, 540-550	3.2	33
37	Models for predicting the seepage velocity and seepage force in a fiber reinforced silty soil. <i>Computers and Geotechnics</i> , <b>2016</b> , 75, 174-181	4.4	31
36	Mechanical behavior of a clay soil contaminated with glycerol and ethanol. <i>European Journal of Environmental and Civil Engineering</i> , <b>2016</b> , 20, 503-519	1.5	24
35	Effect of Cement on Treatment of a Clay Soil Contaminated with Glycerol. <i>Journal of Materials in Civil Engineering</i> , <b>2016</b> , 28, 04015157	3	24
34	A Study on the Mechanical Behavior of a Fiber-Clay Composite with Natural Fiber. <i>Geotechnical and Geological Engineering</i> , <b>2013</b> , 31, 501-510	1.5	21
33	Improving piping resistance using randomly distributed fibers. <i>Geotextiles and Geomembranes</i> , <b>2014</b> , 42, 15-24	5.2	19

32	Properties of a Clay Soil and Soil Cement Reinforced with Polypropylene Fibers. <i>ACI Materials Journal</i> , <b>2017</b> , 114,	0.9	19
31	Effect of thermal history on the properties of bentonite. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	14
30	Consolidation behavior of an unsaturated silty soil during drying and wetting. <i>Soils and Foundations</i> , <b>2017</b> , 57, 277-287	2.9	13
29	Effect of suction on volume change and shear behaviour of an overconsolidated unsaturated silty soil. <i>Geomechanics and Engineering</i> , <b>2012</b> , 4, 55-65		12
28	Effect of pore water chemistry on the behaviour of a kaolin Bentonite mixture during drying and wetting cycles. <i>European Journal of Environmental and Civil Engineering</i> , <b>2020</b> , 24, 895-914	1.5	12
27	Roscoe and Hvorslev Surfaces for Unsaturated Silty Soil. <i>International Journal of Geomechanics</i> , <b>2014</b> , 14, 230-238	3.1	11
26	Mechanical behaviour of an expansive clay mixture during cycles of wetting and drying inundated with different quality of water. <i>European Journal of Environmental and Civil Engineering</i> , <b>2015</b> , 19, 278-289	1.5	9
25	Mechanical and Leaching Behavior of a Stabilized and Solidified Anthracene-Contaminated Soil. <i>Journal of Environmental Engineering, ASCE</i> , <b>2018</b> , 144, 04017098	2	9
24	Stabilization and Solidification of a Clay Soil Contaminated with MTBE. <i>Journal of Environmental Engineering, ASCE</i> , <b>2017</b> , 143, 04017054	2	8
23	A Framework for Interpretation of the Compressibility Behavior of Soils. <i>Geotechnical Testing Journal</i> , <b>2018</b> , 41, 20170088	1.3	7
22	Removal of MTBE from a clay soil using electrokinetic technique. <i>Environmental Technology (United Kingdom)</i> , <b>2016</b> , 37, 1745-56	2.6	6
21	Numerical analysis of advection-dominated contaminant transport in saturated porous media. <i>European Journal of Environmental and Civil Engineering</i> , <b>2014</b> , 18, 536-549	1.5	6
20	Effect of Two Organic Chemical Fluids on the Mechanical Properties of an Expansive Clay Soil. <i>Journal of Testing and Evaluation</i> , <b>2020</b> , 48, 20170623	1	6
19	Effect of Soil Density and Suction on the Elastic and Plastic Parameters of Unsaturated Silty Soil. <i>International Journal of Geomechanics</i> , <b>2015</b> , 15, 04014079	3.1	5
18	Assessment of different agents for stabilisation of a clay soil. <i>International Journal of Pavement Engineering</i> , <b>2020</b> , 1-11	2.6	5
17	Effect of Cement on Mechanical Behavior of Soil Contaminated with Monoethylene Glycol (MEG). <i>ACI Materials Journal</i> , <b>2016</b> , 113,	0.9	5
16	Effect of a surfactant on enhancing efficiency of the electrokinetic method in removing anthracene from a clay soil. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103298	6.8	4
15	Comparison Between Analytical and Numerical Methods in Evaluating the Pollution Transport in Porous Media. <i>Geotechnical and Geological Engineering</i> , <b>2013</b> , 31, 93-101	1.5	4

14	Stabilisation of clay soil with polymers through electrokinetic technique. <i>European Journal of Environmental and Civil Engineering</i> , <b>2019</b> , 1-19	1.5	3
13	Effect of Hysteresis on the Critical State Behavior of an Unsaturated Silty Soil. <i>International Journal of Geomechanics</i> , <b>2020</b> , 20, 04020070	3.1	3
12	Impacts of heating and surfactant treatments on the geotechnical properties of a cohesive soil. <i>International Journal of Mechanical Sciences</i> , <b>2018</b> , 144, 909-918	5.5	3
11	Stabilisation of a clay soil by ion injection using an electrical field. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , <b>2020</b> , 1-13	1	2
10	Effect of glycerol on the behaviour of an expansive soil during wetting and drying cycles. <i>International Journal of Pavement Engineering</i> , <b>2019</b> , 1-11	2.6	2
9	Aging effects on the swelling behavior of compacted bentonite. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2020</b> , 79, 2341-2352	4	2
8	Impact of water and solution of glycerol on the treatment of sediment by cement. <i>International Journal of Pavement Engineering</i> , <b>2020</b> , 21, 322-335	2.6	2
7	Properties of sediments deposited in a fluid with different pH. <i>Marine Georesources and Geotechnology</i> , <b>2019</b> , 37, 643-650	2.2	1
6	Effect of ageing on the properties of a clay soil contaminated with glycerol. <i>Geomechanics and Geoengineering</i> , <b>2020</b> , 1-12	1.4	1
5	Hydrochemical Effect of Different Quality of Water on the Behaviour of an Expansive Soil During Wetting and Drying Cycles. <i>Irrigation and Drainage</i> , <b>2016</b> , 65, 371-381	1.1	1
4	Treatment of a clay soil deposited in saline water by cement. <i>European Journal of Environmental and Civil Engineering</i> , <b>2021</b> , 25, 1521-1537	1.5	1
3	Stabilization of a clay soil by injection of different ions. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 1-51	1	1
2	Effect of forced carbonation on the behaviour of a magnesia-stabilised clay soil. <i>International Journal of Pavement Engineering</i> , <b>2020</b> , 1-15	2.6	0
1	Effect of Quality Electrolyte Fluid on Removing MTBE from a Clay Soil Using Electrokinetic Technique. <i>Journal of Environmental Engineering, ASCE</i> , <b>2018</b> , 144, 04018102	2	