

# A R Estabragh

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,243  
citations

361045

20  
h-index

377514

34  
g-index

51  
all docs

51  
docs citations

51  
times ranked

827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of cement-stabilized clay reinforced with nylon fiber. Geosynthetics International, 2012, 19, 85-92.	1.5	110
2	Laboratory investigation of the effect of cyclic wetting and drying on the behaviour of an expansive soil. Soils and Foundations, 2015, 55, 304-314.	1.3	108
3	Swelling Potential of a Stabilized Expansive Soil: A Comparative Experimental Study. Geotechnical and Geological Engineering, 2017, 35, 1717-1744.	0.8	99
4	Treatment of an expansive soil by mechanical and chemical techniques. Geosynthetics International, 2014, 21, 233-243.	1.5	65
5	Mechanical Behavior of a Clay Soil Reinforced with Nylon Fibers. Geotechnical and Geological Engineering, 2011, 29, 899-908.	0.8	62
6	Stabilised expansive soil behaviour during wetting and drying. International Journal of Pavement Engineering, 2013, 14, 418-427.	2.2	60
7	Effect of different types of wetting fluids on the behaviour of expansive soil during wetting and drying. Soils and Foundations, 2013, 53, 617-627.	1.3	59
8	Improvement of clay soil by electro-osmosis technique. Applied Clay Science, 2014, 95, 32-36.	2.6	57
9	Consolidation behavior of two fine-grained soils contaminated by glycerol and ethanol. Engineering Geology, 2014, 178, 102-108.	2.9	49
10	Critical state for overconsolidated unsaturated silty soil. Canadian Geotechnical Journal, 2008, 45, 408-420.	1.4	48
11	Effect of Resin on the Strength of Soil-Cement Mixture. Journal of Materials in Civil Engineering, 2011, 23, 969-976.	1.3	46
12	Models for predicting the seepage velocity and seepage force in a fiber reinforced silty soil. Computers and Geotechnics, 2016, 75, 174-181.	2.3	41
13	Effect of compaction pressure on consolidation behaviour of unsaturated silty soil. Canadian Geotechnical Journal, 2004, 41, 540-550.	1.4	38
14	Effect of Cement on Treatment of a Clay Soil Contaminated with Glycerol. Journal of Materials in Civil Engineering, 2016, 28, .	1.3	36
15	A Study on the Mechanical Behavior of a Fiber-Clay Composite with Natural Fiber. Geotechnical and Geological Engineering, 2013, 31, 501-510.	0.8	33
16	Mechanical behavior of a clay soil contaminated with glycerol and ethanol. European Journal of Environmental and Civil Engineering, 2016, 20, 503-519.	1.0	28
17	Improving piping resistance using randomly distributed fibers. Geotextiles and Geomembranes, 2014, 42, 15-24.	2.3	27
18	Properties of a Clay Soil and Soil Cement Reinforced with Polypropylene Fibers. ACI Materials Journal, 2017, 114, .	0.3	27

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19	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> , 2020, 24, 895-914.	1.0	23
20	Effect of thermal history on the properties of bentonite. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	22
21	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> , 2015, 19, 278-289.	1.0	17
22	Consolidation behavior of an unsaturated silty soil during drying and wetting. <i>Soils and Foundations</i> , 2017, 57, 277-287.	1.3	15
23	Mechanical and Leaching Behavior of a Stabilized and Solidified Anthracene-Contaminated Soil. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	13
24	Effect of suction on volume change and shear behaviour of an overconsolidated unsaturated silty soil. <i>Geomechanics and Engineering</i> , 2012, 4, 55-65.	0.9	13
25	Stabilization and Solidification of a Clay Soil Contaminated with MTBE. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	12
26	Roscoe and Hvorslev Surfaces for Unsaturated Silty Soil. <i>International Journal of Geomechanics</i> , 2014, 14, 230-238.	1.3	11
27	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> , 2019, 7, 103298.	3.3	11
28	Assessment of different agents for stabilisation of a clay soil. <i>International Journal of Pavement Engineering</i> , 2022, 23, 160-170.	2.2	10
29	A Framework for Interpretation of the Compressibility Behavior of Soils. <i>Geotechnical Testing Journal</i> , 2018, 41, 20170088.	0.5	10
30	Numerical analysis of advection-dominated contaminant transport in saturated porous media. <i>European Journal of Environmental and Civil Engineering</i> , 2014, 18, 536-549.	1.0	9
31	Effect of Two Organic Chemical Fluids on the Mechanical Properties of an Expansive Clay Soil. <i>Journal of Testing and Evaluation</i> , 2020, 48, 20170623.	0.4	9
32	Removal of MTBE from a clay soil using electrokinetic technique. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1121-1128.	1.2	8
33	Effect of Cement on Mechanical Behavior of Soil Contaminated with Monoethylene Glycol (MEG). <i>ACI Materials Journal</i> , 2016, 113, .	0.3	6
34	Comparison Between Analytical and Numerical Methods in Evaluating the Pollution Transport in Porous Media. <i>Geotechnical and Geological Engineering</i> , 2013, 31, 93-101.	0.8	5
35	Effect of Soil Density and Suction on the Elastic and Plastic Parameters of Unsaturated Silty Soil. <i>International Journal of Geomechanics</i> , 2015, 15, .	1.3	5
36	Aging effects on the swelling behavior of compacted bentonite. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 2341-2352.	1.6	5

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37	Hydrochemical Effect of Different Quality of Water on the Behaviour of an Expansive Soil During Wetting and Drying Cycles. Irrigation and Drainage, 2016, 65, 371-381.	0.8	4
38	Impacts of heating and surfactant treatments on the geotechnical properties of a cohesive soil. International Journal of Mechanical Sciences, 2018, 144, 909-918.	3.6	4
39	Properties of sediments deposited in a fluid with different pH. Marine Georesources and Geotechnology, 2019, 37, 643-650.	1.2	4
40	Stabilisation of clay soil with polymers through electrokinetic technique. European Journal of Environmental and Civil Engineering, 2019, , 1-19.	1.0	4
41	Effect of glycerol on the behaviour of an expansive soil during wetting and drying cycles. International Journal of Pavement Engineering, 2021, 22, 1284-1294.	2.2	4
42	Effect of forced carbonation on the behaviour of a magnesia-stabilised clay soil. International Journal of Pavement Engineering, 2022, 23, 1691-1705.	2.2	4
43	Effect of ageing on the properties of a clay soil contaminated with glycerol. Geomechanics and Geoengineering, 2020, , 1-12.	0.9	4
44	Stabilisation of a clay soil by ion injection using an electrical field. Proceedings of the Institution of Civil Engineers: Ground Improvement, 2020, , 1-13.	0.7	4
45	Effect of Hysteresis on the Critical State Behavior of an Unsaturated Silty Soil. International Journal of Geomechanics, 2020, 20, 04020070.	1.3	4
46	Impact of water and solution of glycerol on the treatment of sediment by cement. International Journal of Pavement Engineering, 2020, 21, 322-335.	2.2	3
47	Treatment of a clay soil deposited in saline water by cement. European Journal of Environmental and Civil Engineering, 2021, 25, 1521-1537.	1.0	3
48	Stabilization of a clay soil by injection of different ions. Proceedings of the Institution of Civil Engineers: Ground Improvement, 0, , 1-51.	0.7	2
49	Remediation of a clay soil contaminated with phenanthrene by using $\text{MgO}$ and forced carbonation. Journal of Chemical Technology and Biotechnology, 2022, 97, 2636-2647.	1.6	2
50	Effect of Quality Electrolyte Fluid on Removing MTBE from a Clay Soil Using Electrokinetic Technique. Journal of Environmental Engineering, ASCE, 2018, 144, 04018102.	0.7	0