

# Idil Deniz Akin

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

198  
citations

1478505

6  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Electrochemical Remediation on the Hydraulic and Mechanical Behavior of a Metal-Contaminated Clayey Soil. , 2022, , .		0
2	Geoenvironmental Impacts of Post-Wildfire Hillslope Stabilization with Xanthan Gum and Polyacrylamide. , 2022, , .		0
3	Water Vapor Sorption Behavior of Wildfire-Burnt Soil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	2
4	Implications of Interparticle Forces on Resilient and Shear Modulus of Unsaturated Compacted Kaolinite. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	5
5	Biofilm addition improves sand strength over a wide range of saturations. Biofilm, 2021, 3, 100050.	3.8	4
6	Suction Stress of Clay Over a Wide Range of Saturation. Geotechnical and Geological Engineering, 2020, 38, 283-296.	1.7	24
7	Relationship between Water Vapor Sorption Kinetics and Clay Surface Properties. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	3.0	7
8	Evaluation of Water Vapor Sorption and Electrical Conductivity Methods to Determine Bentonite Content of a Soil-Bentonite Barrier. , 2018, , .		1
9	Evaluation of Isotherm Models for Water Vapor Sorption Behavior of Expansive Clays. Journal of Performance of Constructed Facilities, 2017, 31, .	2.0	15
10	Implications of Surface Hydration and Capillary Condensation for Strength and Stiffness of Compacted Clay. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	22
11	Tensile Strength of Compacted Clay between Residual Saturation and Air Entry. , 2017, , .		0
12	Intrinsic Relationship between Specific Surface Area and Soil Water Retention. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, .	3.0	46
13	Water Vapor Sorption of Polymer-Modified Bentonites. , 2016, , .		6
14	Specific Surface Area of Clay Using Water Vapor and EGME Sorption Methods. Geotechnical Testing Journal, 2014, 37, 20140064.	1.0	62
15	Surficial Stabilization of Wildfire-Burnt Hillslopes Using Xanthan Gum and Polyacrylamide. Geotechnical and Geological Engineering, 0, , 1.	1.7	2
16	SHEAR STRENGTH AND STIFFNESS BEHAVIOR OF FINE-GRAINED SOILS AT DIFFERENT SURFACE HYDRATION CONDITIONS. Canadian Geotechnical Journal, 0, , .	2.8	2