

# Murad Abu-Farsakh

## List of Publications by Year in descending order

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21  
papers

811  
citations

687363

13  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental evaluation of the behavior of footings on geosynthetic-reinforced sand. <i>Soils and Foundations</i> , 2013, 53, 335-348.	3.1	175
2	Analytical modeling of geogrid reinforced soil foundation. <i>Geotextiles and Geomembranes</i> , 2009, 27, 63-72.	4.6	154
3	Ultimate bearing capacity analysis of strip footings on reinforced soil foundation. <i>Soils and Foundations</i> , 2015, 55, 74-85.	3.1	88
4	Numerical Parametric Study of Piezocone Penetration Test in Clays. <i>International Journal of Geomechanics</i> , 2003, 3, 170-181.	2.7	63
5	Performance monitoring of Geosynthetic Reinforced Soil Integrated Bridge System (GRS-IBS) in Louisiana. <i>Geotextiles and Geomembranes</i> , 2017, 45, 34-47.	4.6	56
6	Evaluation of Factors Affecting the Performance of Geogrid-Reinforced Granular Base Material Using Repeated Load Triaxial Tests. <i>Journal of Materials in Civil Engineering</i> , 2012, 24, 72-83.	2.9	42
7	Numerical evaluation of the performance of a Geosynthetic Reinforced Soil-Integrated Bridge System (GRS-IBS) under different loading conditions. <i>Geotextiles and Geomembranes</i> , 2017, 45, 558-569.	4.6	42
8	Experimental and Analytical studies of reinforced crushed limestone. <i>Geotextiles and Geomembranes</i> , 2009, 27, 357-367.	4.6	37
9	3D Finite element analysis of the geosynthetic reinforced soil-integrated bridge system (GRS-IBS) under different loading conditions. <i>Transportation Geotechnics</i> , 2018, 15, 70-83.	4.5	28
10	Mitigating the bridge end bump problem: A case study of a new approach slab system with geosynthetic reinforced soil foundation. <i>Geotextiles and Geomembranes</i> , 2016, 44, 39-50.	4.6	27
11	Shakedown Analysis of Geogrid-Reinforced Granular Base Material. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 337-346.	2.9	24
12	Laboratory Characterization of Reinforced Crushed Limestone under Monotonic and Cyclic Loading. <i>Journal of Materials in Civil Engineering</i> , 2007, 19, 772-783.	2.9	22
13	Performance of Reinforced “Stabilized Unpaved Test Sections Built over Native Soft Soil under Full-Scale Moving Wheel Loads. <i>Transportation Research Record</i> , 2015, 2511, 81-89.	1.9	17
14	Numerical parametric study of geosynthetic reinforced soil integrated bridge system (GRS-IBS). <i>Geotextiles and Geomembranes</i> , 2021, 49, 289-303.	4.6	11
15	Laboratory Investigation and Analytical Solution to the Behavior of Foundations on Geosynthetic Reinforced Sands. , 2013, , .		7
16	Use of Geosynthetics for Reinforcing/Stabilizing Unpaved Roads under Full-Scale Truck Axle Loads. , 2014, , .		5
17	Evaluation of Geosynthetics in Unpaved Roads Built over Natural Soft Subgrade Using Full-Scale Accelerated Pavement Testing. , 2014, , .		4
18	Development of Analytical Models to Estimate Pile Setup in Cohesive Soils Based on FE Numerical Analyses. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 1119-1134.	1.7	4

#	ARTICLE	IF	CITATIONS
19	Numerical Investigation of the Performance of a Geosynthetic Reinforced Soil-Integrated Bridge System (GRS-IBS) under Working Stress Conditions. , 2018, , .		3
20	Sustainability Evaluation of Geosynthetic Stabilized Soft Subgrade Soil in Unpaved Test Sections. , 2016, , .		2
21	Evaluating the Performance of Geosynthetic Reinforced Soil-Integrated Bridge System (GRS-IBS) under Working Stress Condition. MATEC Web of Conferences, 2019, 271, 02001.	0.2	0