

Nripojyoti Biswas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/262017/publications.pdf>

Version: 2024-02-01

17
papers

137
citations

1478505

6
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of adjacent strip footings on reinforced soil using upper-bound limit analysis. Geosynthetics International, 2018, 25, 599-611.	2.9	20
2	Role of crystalline silica admixture in mitigating ettringite-induced heave in lime-treated sulfate-rich soils. Geotechnique, 2022, 72, 438-454.	4.0	20
3	Field Performance of Geocell Reinforced Recycled Asphalt Pavement Base Layer. Transportation Research Record, 2020, 2674, 69-80.	1.9	16
4	Bearing Capacity Factors for Isolated Surface Strip Footing Resting on Multi-layered Reinforced Soil Bed. Indian Geotechnical Journal, 2019, 49, 37-49.	1.4	13
5	Utilization of Silica-Based Admixture to Improve the Durability of Lime-Treated Expansive Soil. , 2021, , .		11
6	Evaluating the Performance of Wicking Geotextile in Providing Drainage for Flexible Pavements Built over Expansive Soils. Transportation Research Record, 2021, 2675, 208-221.	1.9	10
7	Performance of Geocell-Reinforced Recycled Asphalt Pavement (RAP) Bases in Flexible Pavements Built on Expansive Soils. , 2020, , .		9
8	A Novel Method to Improve the Durability of Lime-Treated Expansive Soil. Lecture Notes in Civil Engineering, 2021, , 227-238.	0.4	7
9	Eco-Friendly Stabilization of Sulfate-Rich Expansive Soils Using Geopolymers for Transportation Infrastructure. , 2021, , .		7
10	Evaluation of Geopolymer for Stabilization of Sulfate-Rich Expansive Soils for Supporting Pavement Infrastructure. Transportation Research Record, 2022, 2676, 230-245.	1.9	7
11	Utilization of Metakaolin-Based Geopolymers for Stabilization of Sulfate-Rich Expansive Soils. , 2022, , .		5
12	Influence of Anisotropic Permeability on Slope Stability Analysis of an Earthen Dam during Rapid Drawdown. , 2020, , .		4
13	Comparison of Earthquake-Induced Pore Water Pressure and Deformations in Earthen Dams Using Non-Linear and Equivalent Linear Analyses. , 2020, , .		3
14	Effectiveness of Double-Layer HDPE Geocell System to Reinforce Reclaimed Asphalt Pavement (RAP)-Base Layer. Lecture Notes in Civil Engineering, 2022, , 593-604.	0.4	2
15	Application of Unmanned Aerial Technologies for Inspecting Pavement and Bridge Infrastructure Assets Conditions. Transportation Research Record, 0, , 036119812211052.	1.9	2
16	Application of Wicking Geotextile for Pavement Infrastructure on Expansive Soil. Lecture Notes in Civil Engineering, 2022, , 533-544.	0.4	1
17	An Analytical Approach to Estimate the Load-Bearing Capacity of Subgrade Soil with a Geocell-Reinforced Base Layer. , 2022, , .		0