Nripojyoti Biswas

List of Publications by Year
in descending order

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

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