Kaustav Chatterjee

List of Publications by Year
in descending order

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25	343	933447 10	839539 18
papers	citations	h-index	g-index

25	25	25	154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of depth of liquefiable soil layer on dynamic response of pile group subjected to vertical load. Bulletin of Earthquake Engineering, 2022, 20, 113-142.	4.1	7
2	Influence of Surcharge Loading on Seismic Response of Nailed Soil Slopes. , 2022, , .		1
3	Influence of soil type on load carrying capacity of single piles. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	0
4	Seismic Analysis of Cantilever Sheet Pile Walls with Strip Load for Any Lateral Deformation. International Journal of Geomechanics, 2022, 22, .	2.7	3
5	The influence of strip load on the seismic design of cantilever sheet pile walls: a simplified analytical solution. Bulletin of Earthquake Engineering, 2022, 20, 5301-5322.	4.1	6
6	Effect of Soilâ€“Wall Friction Angle on Behaviour of Sheet Pile Wall Under Surcharge Loading. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2021, 91, 169-179.	1.2	6
7	Effect of Stone Columns on Strength and Consolidation Characteristics of Black Cotton Soil. KSCE Journal of Civil Engineering, 2021, 25, 1214-1228.	1.9	3
8	A displacement based approach for seismic analysis and design of cantilever sheet pile walls under surcharge loading. Computers and Geotechnics, 2021, 140, 104481.	4.7	7
9	A method for the design of embedded cantilever retaining walls under static and seismic loading. Geotechnique, 2020, 70, 833-834.	4.0	1
10	Ground Settlement and Deflection Response of Cantilever Sheet Pile Wall Subjected to Surcharge Loading. Indian Geotechnical Journal, 2020, 50, 540-549.	1.4	24
11	A Simplified Method for Seismic Design of Cantilever Sheet Pile Walls Under Infinite Uniform Surcharge Load. International Journal of Geomechanics, 2020, 20, .	2.7	11
12	P-y Curves of 2x2 pile group in liquefiable soil under dynamic loadings. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	6
13	Influence of soil type on static response of cantilever sheet pile walls under surcharge loading: a numerical study. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	16
14	Influence of site-specific soil amplification on seismic response of piles in liquefiable soils. Innovative Infrastructure Solutions, 2019, 4, 1.	2.2	3
15	Seismic response of single piles in liquefiable soil considering P-delta effect. Bulletin of Earthquake Engineering, 2019, 17, 2935-2961.	4.1	21
16	Influences of Local Soil Conditions for Ground Response in Kolkata City During Earthquakes. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2018, 88, 515-528.	1.2	23
17	Impact of Ground Response Analysis on Seismic Behavior and Design of Piles in Kolkata City. Indian Geotechnical Journal, 2018, 48, 459-473.	1.4	10
18	Influence of seismic motions on behavior of piles in liquefied soils. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 516-541.	3.3	14

#	Article	IF	Citations
19	Seismic Stability Analysis of Soil Slopes Using Soil Nails. , 2018, , .		5
20	Analytical and numerical approaches to compute the influence of vertical load on lateral response of single pile. Japanese Geotechnical Society Special Publication, 2016, 2, 1319-1322.	0.2	4
21	Coupled behavior of pile foundations in liquefied and non-liquefied soils during earthquakes including case study. Japanese Geotechnical Society Special Publication, 2015, 3, 11-15.	0.2	1
22	Seismic analysis of laterally loaded pile under influence of vertical loading using finite element method. Computers and Geotechnics, 2015, 67, 172-186.	4.7	57
23	Seismic Liquefaction Hazard and Site Response for Design of Piles in Mumbai City. Indian Geotechnical Journal, 2015, 45, 62-78.	1.4	29
24	Dynamic analyses and field observations on piles in Kolkata city. Geomechanics and Engineering, 2015, 8, 415-440.	0.9	12
25	Variations in shear wave velocity and soil site class in Kolkata city using regression and sensitivity analysis. Natural Hazards, 2013, 69, 2057-2082.	3.4	73