

Nihar Ranjan Patra

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Earthquake Response Analysis of Soils from Rudrapur and Khatima Sites Adjacent to Himalayan Frontal Thrust (HFT) using Field and Laboratory-Derived Dynamic Soil Properties. <i>Journal of Earthquake Engineering</i> , 2022, 26, 949-979.	2.5	7
2	Lateral Dynamic Response of Tapered Pile Embedded in a Cross-Anisotropic Medium. <i>Journal of Earthquake Engineering</i> , 2022, 26, 5826-5847.	2.5	1
3	Cyclic behavior of late quaternary alluvial soil along Indo-Gangetic Plain: Northern India. <i>International Journal of Geo-Engineering</i> , 2022, 13, 1.	2.1	3
4	A Phenomenological Breakage Model for Crushable Sand. , 2022, , .		0
5	Experimental and Numerical Investigation on Undrained Behavior of Geogrid Reinforced Pond Ash. <i>Indian Geotechnical Journal</i> , 2021, 51, 1182-1194.	1.4	4
6	Settlement behavior of circular footing on geocell- and geogrid-reinforced pond ash bed under combine static and cyclic loading. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	6
7	Static and dynamic characterization and response analysis of soils from northern India. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	6
8	Dynamic Behavior of a Geotextile-Reinforced Pond Ash Embankment. <i>Journal of Earthquake Engineering</i> , 2020, 24, 1803-1828.	2.5	12
9	Axial behavior of tapered piles using cavity expansion theory. <i>Acta Geotechnica</i> , 2020, 15, 1619-1636.	5.7	25
10	Analysis of creep settlement of pile groups in linear viscoelastic soil. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019, 43, 2288-2304.	3.3	5
11	Behaviour of tapered piles subjected to lateral harmonic loading. <i>Innovative Infrastructure Solutions</i> , 2019, 4, 1.	2.2	3
12	Generation of Liquefaction Potential Map for Kanpur City and Allahabad City of Northern India: An Attempt for Liquefaction Hazard Assessment. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 293-305.	1.7	12
13	Seismic Response Analysis of Renuagar Pond Ash Embankment in Northern India. <i>International Journal of Geomechanics</i> , 2017, 17, .	2.7	12
14	Cyclic Behavior and Liquefaction Potential of Renuagar Pond Ash Reinforced with Geotextiles. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	2.9	20
15	Geotechnical characterization of Panki and Panipat pond ash in India. <i>International Journal of Geo-Engineering</i> , 2015, 6, 1.	2.1	22
16	Undrained Cylindrical Cavity Expansion in Critical State Soils Considering Soil Structure. <i>Indian Geotechnical Journal</i> , 2015, 45, 169-180.	1.4	2
17	Static and cyclic properties of clay subgrade stabilised with rice husk ash and Portland slag cement. <i>International Journal of Pavement Engineering</i> , 2014, 15, 906-916.	4.4	28
18	Cyclic Behavior and Liquefaction Potential of Indian Pond Ash Located in Seismic Zones III and IV. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, .	2.9	33

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19	Spatial Distribution of Shear Wave Velocity for Late Quaternary Alluvial Soil of Kanpur City, Northern India. <i>Geotechnical and Geological Engineering</i> , 2014, 32, 131-149.	1.7	25
20	Effect of Arching on Uplift Capacity of Single Piles. <i>Geotechnical and Geological Engineering</i> , 2009, 27, 365-377.	1.7	15
21	Performance of Counterfort Walls with Reinforced Granular and Fly Ash Backfills: Experimental Investigation. <i>Geotechnical and Geological Engineering</i> , 2008, 26, 259-267.	1.7	17
22	Prediction of load displacement response of single piles under uplift load. <i>Geotechnical and Geological Engineering</i> , 2007, 25, 57-64.	1.7	17
23	Model Pile Groups Under Oblique Pullout Loads – an Investigation. <i>Geotechnical and Geological Engineering</i> , 2006, 24, 265-282.	1.7	23
24	Break out resistance of inclined anchors in sand. <i>Geotechnical and Geological Engineering</i> , 2006, 24, 1511-1525.	1.7	8
25	Long-term effect of vertical and lateral loads on piled raft foundations: a case study. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 0, , 1-13.	1.6	3