

Paramita Bhattacharya

List of Publications by Year in descending order

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27
papers

247
citations

1163065

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15
g-index

28
all docs

28
docs citations

28
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Pullout capacity of inclined plate anchors embedded in sand. Canadian Geotechnical Journal, 2014, 51, 1365-1370.	2.8	32
2	Uplift Capacity of Anchors in Layered Sand Using Finite-Element Limit Analysis: Formulation and Results. International Journal of Geomechanics, 2016, 16, .	2.7	32
3	Bearing capacity of two interfering strip footings from lower bound finite elements limit analysis. International Journal for Numerical and Analytical Methods in Geomechanics, 2013, 37, 441-452.	3.3	24
4	Pullout capacity of strip plate anchor in cohesive sloping ground under undrained condition. Computers and Geotechnics, 2016, 78, 134-143.	4.7	22
5	Uplift Capacity of Strip and Circular Anchors in Soft Clay with an Overlay of Sand Layer. Geotechnical and Geological Engineering, 2015, 33, 1475-1488.	1.7	20
6	Bearing capacity of foundations on soft clays with granular column and trench. Soils and Foundations, 2017, 57, 488-495.	3.1	14
7	Variation of Horizontal Pullout Capacity with Width of Vertical Anchor Plate. International Journal of Geomechanics, 2016, 16, .	2.7	12
8	Improvement in uplift capacity of horizontal circular anchor plate in undrained clay by granular column. Geomechanics and Engineering, 2016, 10, 617-633.	0.9	9
9	Undrained Uplift Capacity of Strip Plate Anchor Nearby Clayey Slope. Geotechnical and Geological Engineering, 2018, 36, 1393.	1.7	8
10	Stability of Horseshoe Tunnel in Cohesive-Frictional Soil. International Journal of Geomechanics, 2020, 20, .	2.7	8
11	Determination of internal pressure for the stability of dual elliptical tunnels in soft clay. Geomechanics and Geoengineering, 2021, 16, 67-79.	1.8	8
12	Horizontal Pullout Capacity of a Group of Two Vertical Strip Anchors Plates Embedded in Sand. Geotechnical and Geological Engineering, 2012, 30, 513-521.	1.7	7
13	Seismic pullout capacity of vertical anchors in sand. Geomechanics and Geoengineering, 2013, 8, 191-201.	1.8	7
14	Seismic Pullout Capacity of Inclined Anchor Plates in Sand. Geotechnical and Geological Engineering, 2017, 35, 679-692.	1.7	7
15	Reducing the Computational Effort for Performing Linear Optimization in the Lower-Bound Finite Elements Limit Analysis. International Journal of Geomechanics, 2011, 11, 406-412.	2.7	6
16	Stability of rectangular tunnels in weathered rock subjected to seepage forces. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	6
17	Stability of rectangular tunnel in cohesionless soils. International Journal of Geotechnical Engineering, 2021, 15, 1345-1351.	2.0	5
18	Diameter effect on uplift capacity of horizontal circular anchor embedded in sand. International Journal of Geotechnical Engineering, 2020, 14, 779-792.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Pullout Resistance of Buried Pipeline in Cohesionless Soil Nearby Sloping Ground. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2020, 11, .	1.6	4
20	On Improving the Solution by Using Lower Bound Finite Elements Limit Analysis and Linear Programming. <i>Geotechnical and Geological Engineering</i> , 2011, 29, 619-626.	1.7	3
21	Estimation of Lining Pressure for Stability of Elliptical Tunnel in Cohesive-Frictional Soils. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2022, 92, 433-442.	1.2	2
22	Improvement of Bearing Capacity of Footings Using Reinforced Granular Trench. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2021, 7, 1.	2.0	2
23	Stability of rectangular tunnel in anisotropic cohesionless soil under steady-state groundwater flow. <i>European Journal of Environmental and Civil Engineering</i> , 2023, 27, 1596-1616.	2.1	2
24	Determination of support pressure for semi-elliptical tunnels in anisotropic and nonhomogeneous soil by lower bound limit analysis. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2021, 46, 1.	1.3	1
25	Support Pressure for Undrained Stability of Horseshoe-Shaped Twin Tunnels with Semi-Elliptical Roof in Clay. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 2697-2711.	1.9	1
26	Closure to "Uplift Capacity of Anchors in Layered Sand Using Finite-Element Limit Analysis: Formulation and Results" by Paramita Bhattacharya and Jyant Kumar. <i>International Journal of Geomechanics</i> , 2017, 17, 07017004.	2.7	0
27	Improvement of uplift capacity of strip anchor plate using granular trench. <i>International Journal of Geotechnical Engineering</i> , 2020, 14, 843-850.	2.0	0