

Ramesh Kannan Kandasami

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7565497/publications.pdf>

Version: 2024-02-01

15
papers

110
citations

1936888

4
h-index

1372195

10
g-index

15
all docs

15
docs citations

15
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of biocementation on the strength and stability of termite mounds. Environmental Geotechnics, 2016, 3, 99-113.	1.3	41
2	Manifestation of particle morphology on the mechanical behaviour of granular ensembles. Granular Matter, 2017, 19, 1.	1.1	32
3	Experimental studies on the influence of intermediate principal stress and inclination on the mechanical behaviour of angular sands. Granular Matter, 2015, 17, 217-230.	1.1	15
4	Fluid Injection Under Differential Confinement. Transport in Porous Media, 2021, 139, 627-650.	1.2	8
5	Experimental Investigations of the Stress Path Dependence of Weakly Cemented Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 04021007.	1.5	3
6	Computationally efficient approach to quantify 2D particle morphological descriptors. EPJ Web of Conferences, 2021, 249, 05002.	0.1	2
7	Fluid induced deformation in porous media " Sensitivity analysis of a poroelastic model. IOP Conference Series: Earth and Environmental Science, 2021, 861, 072147.	0.2	2
8	Formation of Internal Filter Cake due to Particle Migration in Porous Media. , 2022, , .		2
9	Experimental studies on the mechanics of cohesive frictional granular media. , 2013, , .		1
10	Effect of Intermediate Principal Stress on the Mechanical Behavior of Angular Sand. , 2014, , .		1
11	Prediction of Mechanical Response of Geomaterials Using an Advanced Elasto-plastic Constitutive Model. Procedia Engineering, 2017, 173, 793-799.	1.2	1
12	Mechanics and Modeling of Cohesive Frictional Granular Materials. Springer Series in Geomechanics and Geoengineering, 2017, , 493-500.	0.0	1
13	System size effects on the mechanical response of cohesive-frictional granular ensembles. EPJ Web of Conferences, 2017, 140, 08007.	0.1	1
14	Design of a Portable Compliant Device for Estimating the Failure-Load of Mesoscale Cemented Sand Specimens. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	1.7	0
15	Efficacy of elastic-plastic constitutive models in predicting the geo-mechanical response of gas hydrate sediments. E3S Web of Conferences, 2020, 205, 13012.	0.2	0