

Huo Fan

List of Publications by Year in descending order

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17
papers

314
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	An Angle-Based Method Dealing with Vertex-Vertex Contact in the Two-Dimensional Discontinuous Deformation Analysis (DDA). <i>Rock Mechanics and Rock Engineering</i> , 2015, 48, 2031-2043.	5.4	35
2	S ² R decomposition based numerical manifold method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016, 304, 452-478.	6.6	32
3	Three-dimensional discontinuous deformation analysis based on strain-rotation decomposition. <i>Computers and Geotechnics</i> , 2018, 95, 191-210.	4.7	31
4	Discontinuous deformation analysis based on strain-rotation decomposition. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2017, 92, 19-29.	5.8	27
5	A generalized contact potential and its application in discontinuous deformation analysis. <i>Computers and Geotechnics</i> , 2018, 99, 104-114.	4.7	27
6	MRT-LBM-based numerical simulation of seepage flow through fractal fracture networks. <i>Science China Technological Sciences</i> , 2013, 56, 3115-3122.	4.0	23
7	Variational inequality-based framework of discontinuous deformation analysis. <i>International Journal for Numerical Methods in Engineering</i> , 2018, 115, 358-394.	2.8	20
8	A novel numerical manifold method with derivative degrees of freedom and without linear dependence. <i>Engineering Analysis With Boundary Elements</i> , 2016, 64, 19-37.	3.7	19
9	Discontinuous deformation analysis for SH-body. <i>Computers and Geotechnics</i> , 2020, 117, 103234.	4.7	14
10	Discontinuous deformation analysis for ellipsoids using cone complementary formulation. <i>Computers and Geotechnics</i> , 2020, 121, 103459.	4.7	14
11	A four-way enhanced numerical manifold method for crack propagation and failure analysis of rock slopes. <i>Applied Mathematical Modelling</i> , 2021, 95, 623-643.	4.2	14
12	Discontinuous deformation analysis handling vertex-vertex contact based on principle of least effort. <i>International Journal for Numerical Methods in Engineering</i> , 2020, 121, 4070-4100.	2.8	14
13	Variational inequality-based particle discontinuous deformation analysis. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019, 43, 1995-2019.	3.3	13
14	Dynamic Modeling of Sphere, Cylinder, Cone, and their Assembly. <i>Archives of Computational Methods in Engineering</i> , 2020, 27, 725-772.	10.2	10
15	Cone complimentary-based numerical manifold method modeling frictional and cohesive contact problems. <i>Applied Mathematical Modelling</i> , 2021, 89, 1341-1356.	4.2	9
16	Cone-complementary manifold method for stability and failure analysis of jointed/fractured rock masses. <i>Computers and Geotechnics</i> , 2021, 131, 103955.	4.7	6
17	Quadrilateral-area-coordinate-based numerical manifold method accommodating static and dynamic analysis. <i>Engineering Analysis With Boundary Elements</i> , 2022, 134, 315-340.	3.7	6