Huo Fan

List of Publications by Year
in descending order

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