

Jorge Daniel Riera

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

150
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage process in heterogeneous materials analyzed by a lattice model simulation. Engineering Failure Analysis, 2016, 70, 157-176.	4.0	40
2	Influence of size on the constitutive equations of concrete or rock dowels. International Journal for Numerical and Analytical Methods in Geomechanics, 2008, 32, 1857-1881.	3.3	27
3	Random field generation of the material properties in the lattice discrete element method. Journal of Strain Analysis for Engineering Design, 2019, 54, 236-246.	1.8	22
4	Study of imperfections in the cubic mesh of the truss-like discrete element method. International Journal of Damage Mechanics, 2014, 23, 819-838.	4.2	14
5	The fracture process in quasi-brittle materials simulated using a lattice dynamical model. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 2709-2724.	3.4	14
6	Numerical DEM simulation of the evolution of damage and AE preceding failure of structural components. Engineering Fracture Mechanics, 2019, 210, 247-256.	4.3	14
7	Assessment of Brazilian tensile test by means of the truss-like Discrete Element Method (DEM) with imperfect mesh. Engineering Structures, 2014, 81, 10-21.	5.3	13
8	Macro constitutive law for rupture dynamics derived from micro constitutive law measured in laboratory. Geophysical Research Letters, 2006, 33, .	4.0	6
9	Simultaneous simulation of the three components of seismic accelerograms at locations around seismological stations. Journal of Seismology, 2021, 25, 1361.	1.3	0