

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