

Mohamed Jebahi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

199
citations

7
h-index

13
g-index

13
ext. papers

242
ext. citations

4.9
avg, IF

3
L-index

#	Paper	IF	Citations
11	Using the discrete element method to simulate brittle fracture in the indentation of a silica glass with a blunt indenter. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2013 , 265, 136-147	5.7	72
10	Robust methodology to simulate real shot peening process using discrete-continuum coupling method. <i>International Journal of Mechanical Sciences</i> , 2016 , 107, 21-33	5.5	40
9	Simulation of Vickers indentation of silica glass. <i>Journal of Non-Crystalline Solids</i> , 2013 , 378, 15-24	3.9	30
8	3D coupling approach between discrete and continuum models for dynamic simulations (DEM \square NEM). <i>Computer Methods in Applied Mechanics and Engineering</i> , 2013 , 255, 196-209	5.7	15
7	2015,		13
6	Multiscale Modeling of Complex Dynamic Problems: An Overview and Recent Developments. <i>Archives of Computational Methods in Engineering</i> , 2016 , 23, 101-138	7.8	12
5	Strain gradient crystal plasticity model based on generalized non-quadratic defect energy and uncoupled dissipation. <i>International Journal of Plasticity</i> , 2020 , 126, 102617	7.6	8
4	Virial stressBased model to simulate the silica glass densification with the discrete element method. <i>International Journal for Numerical Methods in Engineering</i> , 2017 , 112, 1909-1925	2.4	4
3	2015,		3
2	Scalar-based strain gradient plasticity theory to model size-dependent kinematic hardening effects. <i>Continuum Mechanics and Thermodynamics</i> , 2021 , 33, 1223-1245	3.5	2
1	Strain Localization Modes within Single Crystals Using Finite Deformation Strain Gradient Crystal Plasticity. <i>Crystals</i> , 2021 , 11, 1235	2.3	0