

# Mohamed Jebahi

## List of Publications by Year in Descending Order

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