

Jean-Louis Chaboche

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.

12
papers

2,681
citations

10
h-index

12
g-index

12
ext. papers

2,955
ext. citations

3.8
avg. IF

5
L-index

#	Paper	IF	Citations
12	Mechanics of Solid Materials 1990 ,		1243
11	FE2 multiscale approach for modelling the elastoviscoplastic behaviour of long fibre SiC/Ti composite materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2000 , 183, 309-330	5.7	740
10	Continuous damage mechanics [A tool to describe phenomena before crack initiation. <i>Nuclear Engineering and Design</i> , 1981 , 64, 233-247	1.8	418
9	Experimental and numerical characterization of damage evolution in steels. <i>International Journal of Plasticity</i> , 2007 , 23, 1739-1762	7.6	89
8	Non-Linear Mechanics of Materials. <i>Solid Mechanics and Its Applications</i> , 2010 ,	0.4	77
7	Multi-scale analysis in elasto-viscoplasticity coupled with damage. <i>International Journal of Plasticity</i> , 2011 , 27, 2026-2039	7.6	39
6	Fatigue Life Prediction of Single Crystals for Turbine Blade Applications. <i>International Journal of Damage Mechanics</i> , 1999 , 8, 404-427	3	20
5	Multi-scale non-linear FE2 analysis of composite structures: damage and fiber size effects. <i>Revue Europeenne Des Elements</i> , 2001 , 10, 449-472		15
4	Development of bending tests for near shear mode interfacial toughness measurement of EB-PVD thermal barrier coatings. <i>Engineering Fracture Mechanics</i> , 2017 , 171, 110-134	4.2	14
3	Effect of Stochasticity on the Damage Accumulation in Solids. <i>International Journal of Damage Mechanics</i> , 1994 , 3, 57-70	3	11
2	A new version of a rumpling predictive model in thermal barrier coatings. <i>European Journal of Mechanics, A/Solids</i> , 2013 , 42, 402-421	3.7	8
1	A high temperature fatigue damage model for single crystal superalloys. <i>Materials at High Temperatures</i> , 2016 , 33, 412-424	1.1	7