

# Jean-Louis Chaboche

## 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.

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	Development of bending tests for near shear mode interfacial toughness measurement of EB-PVD thermal barrier coatings. <i>Engineering Fracture Mechanics</i> , <b>2017</b> , 171, 110-134	4.2	14
11	A high temperature fatigue damage model for single crystal superalloys. <i>Materials at High Temperatures</i> , <b>2016</b> , 33, 412-424	1.1	7
10	A new version of a rumpling predictive model in thermal barrier coatings. <i>European Journal of Mechanics, A/Solids</i> , <b>2013</b> , 42, 402-421	3.7	8
9	Multi-scale analysis in elasto-viscoplasticity coupled with damage. <i>International Journal of Plasticity</i> , <b>2011</b> , 27, 2026-2039	7.6	39
8	Non-Linear Mechanics of Materials. <i>Solid Mechanics and Its Applications</i> , <b>2010</b> ,	0.4	77
7	Experimental and numerical characterization of damage evolution in steels. <i>International Journal of Plasticity</i> , <b>2007</b> , 23, 1739-1762	7.6	89
6	Multi-scale non-linear FE2 analysis of composite structures: damage and fiber size effects. <i>Revue Europeenne Des Elements</i> , <b>2001</b> , 10, 449-472		15
5	FE2 multiscale approach for modelling the elastoviscoplastic behaviour of long fibre SiC/Ti composite materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2000</b> , 183, 309-330	5.7	74 <sup>0</sup>
4	Fatigue Life Prediction of Single Crystals for Turbine Blade Applications. <i>International Journal of Damage Mechanics</i> , <b>1999</b> , 8, 404-427	3	20
3	Effect of Stochasticity on the Damage Accumulation in Solids. <i>International Journal of Damage Mechanics</i> , <b>1994</b> , 3, 57-70	3	11
2	Mechanics of Solid Materials <b>1990</b> ,		1243
1	Continuous damage mechanics [A tool to describe phenomena before crack initiation. <i>Nuclear Engineering and Design</i> , <b>1981</b> , 64, 233-247	1.8	418