

The evolution of the stress–strain fields near a fatigue crack closure revisited

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Etching technique for revelation of plastic deformation zone in low carbon steel. <i>Materials Science and Technology</i> , 2005, 21, 530-538.	1.6	25
2	Roughness- and plasticity-induced fatigue crack closure under single overloads: Finite element modelling. <i>Acta Materialia</i> , 2006, 54, 4393-4403.	7.9	14
3	Endurance limit of autofrettaged Diesel-engine injection tubes with defects. <i>Engineering Fracture Mechanics</i> , 2006, 73, 3-21.	4.3	30
4	Optimization formulation of the evolutionary problem of crack propagation under quasibrittle fracture. <i>Journal of Applied Mechanics and Technical Physics</i> , 2006, 47, 704-713.	0.5	7
5	Computational modelling of crack initiation in a single crystal superalloy under fatigue-oxidation conditions. <i>Materials Science and Technology</i> , 2007, 23, 1433-1438.	1.6	2
6	On the accurate assessment of crack opening and closing stresses in plasticity-induced fatigue crack closure problems. <i>Engineering Fracture Mechanics</i> , 2007, 74, 1579-1601.	4.3	65
7	Modeling of fatigue crack growth of stainless steel 304L. <i>Mechanics of Materials</i> , 2008, 40, 961-973.	3.2	25
8	A new etching technique for revealing the plastic deformation zone in an Al-Cu-Mg alloy. <i>Journal of Materials Science</i> , 2008, 43, 2792-2798.	3.7	12
9	A viscoplastic study of crack-tip deformation and crack growth in a nickel-based superalloy at elevated temperature. <i>Journal of the Mechanics and Physics of Solids</i> , 2008, 56, 3363-3378.	4.8	53
10	Finite element and analytical modelling of crack closure due to repeated overloads. <i>Acta Materialia</i> , 2008, 56, 835-851.	7.9	17
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15	Examination of chemical reaction for revealing plastic deformation zone in low carbon steel. <i>Materials Science and Technology</i> , 2008, 24, 1477-1483.	1.6	0
16	Modelling of Damage Development and Strain Ratchetting Using a Viscoplastic Constitutive Formulation. <i>Key Engineering Materials</i> , 0, 417-418, 117-120.	0.4	0
17	Ratchetting strain as a damage parameter in controlling crack growth at elevated temperature. <i>Engineering Fracture Mechanics</i> , 2009, 76, 2538-2553.	4.3	21
18	Prediction of crack growth in a nickel-based superalloy under fatigue-oxidation conditions. <i>Engineering Fracture Mechanics</i> , 2010, 77, 925-938.	4.3	44

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20	Etching technique for revealing work hardening regions in Mg-Al-Zn alloy. Materials Science and Technology, 2011, 27, 76-80.	1.6	3
21	A short summary on finite element modelling of fatigue crack closure. Journal of Mechanical Science and Technology, 2011, 25, 3015-3024.	1.5	17
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