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Multiaxial fatigue of extruded AZ31B magnesium alloy

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#	Paper	IF	Citations
78	Evaluation of a Three-Parameter Equation in the Multiaxial Fatigue Life Prediction. <i>Applied Mechanics and Materials</i> , 2012 , 249-250, 487-492	0.3	
77	Loading history effect on fatigue crack growth of extruded AZ31B magnesium alloy. <i>Engineering Fracture Mechanics</i> , 2013 , 114, 42-54	4.2	19
76	Fatigue cracking and fracture behaviors of coarse-grained copper under cyclic tension-compression and torsion loadings. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 574, 113-122	5.3	9
75	An experimental study of fatigue crack propagation in extruded AZ31B magnesium alloy. <i>International Journal of Fatigue</i> , 2013 , 47, 174-183	5	31
74	Cyclic deformation and fatigue of extruded Mg ₉₇ Al ₃ magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 561, 403-410	5.3	40
73	Multiaxial behaviour of wrought magnesium alloys [A review and suitability of energy-based fatigue life model. <i>Theoretical and Applied Fracture Mechanics</i> , 2014 , 73, 97-108	3.7	33
72	Evaluation of multiaxial fatigue life prediction criteria for PEEK. <i>Theoretical and Applied Fracture Mechanics</i> , 2014 , 73, 128-135	3.7	12
71	Fatigue of rare-earth containing magnesium alloys: a review. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2014 , 37, 831-853	3	30
70	An asymmetric elastic-plastic analysis of the load-controlled rotating bending test and its application in the fatigue life estimation of wrought magnesium AZ31B. <i>International Journal of Fatigue</i> , 2014 , 64, 33-41	5	30
69	Multiaxial fatigue life prediction for titanium alloy TC4 under proportional and nonproportional loading. <i>International Journal of Fatigue</i> , 2014 , 59, 170-175	5	97
68	An experimental study of cyclic plastic deformation of extruded ZK60 magnesium alloy under uniaxial loading at room temperature. <i>International Journal of Plasticity</i> , 2014 , 53, 107-124	7.6	96
67	Cyclic deformation and fatigue of extruded ZK60 magnesium alloy with aging effects. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 615, 262-272	5.3	35
66	Low cycle fatigue of an extruded Mg ₉₇ Nd _{0.2} Zn _{0.5} Zr magnesium alloy. <i>Materials & Design</i> , 2014 , 64, 63-73		26
65	Multiaxial effects on LCF behaviour and fatigue failure of AZ31B magnesium extrusion. <i>International Journal of Fatigue</i> , 2014 , 67, 103-116	5	45
64	A study of fatigue damage development in extruded Mg ₉₇ Al ₃ magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 589, 209-216	5.3	31
63	Fatigue of ZK60 magnesium alloy under uniaxial loading. <i>International Journal of Fatigue</i> , 2014 , 64, 74-83		46
62	Multiaxial ratcheting-fatigue interaction on acrylonitrile-butadiene-styrene terpolymer. <i>Polymer Engineering and Science</i> , 2015 , 55, 664-671	2.3	12

61	A phenomenological stress-strain model for wrought magnesium alloys under elastoplastic strain-controlled variable amplitude loading. <i>International Journal of Fatigue</i> , 2015 , 80, 306-323	5	14
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59	A fatigue model for sensitive materials to non-proportional loadings. <i>International Journal of Fatigue</i> , 2015 , 80, 266-277	5	14
58	Damage-based modification for fatigue life prediction under non-proportional loadings. <i>International Journal of Fatigue</i> , 2015 , 77, 86-94	5	11
57	Fatigue life and early cracking predictions of extruded AZ31B magnesium alloy using critical plane approaches. <i>International Journal of Fatigue</i> , 2016 , 88, 236-246	5	22
56	Fatigue damage development in extruded Mg-3Al-Zn magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016 , 667, 171-178	5.3	19
55	An experimental study of the orientation effect on fatigue crack propagation in rolled AZ31B magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016 , 676, 10-19	5.3	8
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37	Concept of the highly strained volume for fatigue modeling of wrought magnesium alloys. <i>International Journal of Fatigue</i> , 2018 , 117, 283-291	5	10
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35	Multiaxial cyclic behaviour of extruded and forged AZ80 Mg alloy. <i>International Journal of Fatigue</i> , 2019 , 127, 324-337	5	27
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33	Effects of initial {10-12} twins on cyclic deformation and fatigue of magnesium alloy at low strain amplitudes. <i>Materials Characterization</i> , 2019 , 149, 118-123	3.9	12
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