

Andrea Carpinteri

List of Publications by Year in descending order

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162
papers

4,195
citations

94433

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171
all docs

171
docs citations

171
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural integrity of shot peened Ti6Al4V specimens under fretting fatigue. International Journal of Fracture, 2022, 234, 45-55.	2.2	9
2	Fatigue lifetime assessment of AM metallic components according to a strain-based criterion. International Journal of Fatigue, 2022, 156, 106674.	5.7	5
3	A novel methodology for fatigue assessment of high strength steels with non-metallic inclusions. Procedia Structural Integrity, 2022, 39, 503-508.	0.8	4
4	Influence of crack nucleation location on fretting fatigue crack path. Procedia Structural Integrity, 2022, 39, 632-637.	0.8	2
5	Fatigue degradation analysis of elliptical corner damage. Procedia Structural Integrity, 2022, 39, 624-631.	0.8	0
6	Multiaxial fatigue under variable amplitude loadings: review and solutions. International Journal of Structural Integrity, 2022, 13, 349-393.	3.3	46
7	Investigation on crack nucleation location in fretting-affected Al 7050-T7451 alloy. International Journal of Fatigue, 2022, 163, 107016.	5.7	6
8	Driving mode analysis of quarter-elliptical flaw under cyclic loading. Procedia Structural Integrity, 2022, 41, 704-711.	0.8	0
9	A novel methodology for fatigue assessment of Ductile Cast Iron (DCI) with solidification defects. Procedia Structural Integrity, 2022, 41, 500-504.	0.8	1
10	Effect of non-metallic inclusions on AISI 4140 fatigue strength. International Journal of Fatigue, 2022, 163, 107031.	5.7	6
11	The RED criterion for fatigue life assessment of metals under non-proportional loading. International Journal of Fatigue, 2022, 163, 107080.	5.7	6
12	Fracture toughness characterisation of a glass fibre reinforced plastic composite. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 3-13.	3.4	21
13	A frequency domain approach for damage detection in welded structures. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1134-1148.	3.4	7
14	Effects of BFRP Bar Diameter and Cover Thickness on Fracture Behavior of BFRP Bar Reinforced Ecological High-Ductility Cementitious Composites. Journal of Testing and Evaluation, 2021, 49, 4086-4101.	0.7	7
15	Vibration fatigue analysis of circumferentially notched specimens under coupled multiaxial random vibration environments. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 2412-2428.	3.4	7
16	Computational Failure Analysis under Overloading. Metals, 2021, 11, 1509.	2.3	1
17	Modelling of the fatigue strength degradation due to a semi-elliptical flaw. Forces in Mechanics, 2021, 4, 100020.	2.8	1
18	Fatigue behaviour assessment of ductile cast iron smooth specimens. International Journal of Fatigue, 2021, 152, 106459.	5.7	14

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19	Fatigue strength evaluation and lifetime estimation for ductile cast irons under multiaxial loading. <i>Procedia Structural Integrity</i> , 2021, 33, 773-780.	0.8	3
20	A Novel Implementation of the LDEM in the Ansys LS-DYNA Finite Element Code. <i>Materials</i> , 2021, 14, 7792.	2.9	9
21	Mean stress effect on fatigue life estimation for Inconel 718 alloy. <i>International Journal of Fatigue</i> , 2020, 133, 105391.	5.7	19
22	Fracture mechanics-based mixture optimization of ecological high-ductility cementitious composites modified with recycled asphalt concrete. <i>Construction and Building Materials</i> , 2020, 264, 120686.	7.2	5
23	Fatigue failure analysis of three-layer Zr/Ti/Steel composite plates: an insight into the evolution of cracks initiated at the interfaces. <i>Archives of Civil and Mechanical Engineering</i> , 2020, 20, 1.	3.8	11
24	Lifetime estimation for 316 stainless steel specimens by using a critical plane approach. <i>Procedia Structural Integrity</i> , 2020, 26, 106-112.	0.8	3
25	An algorithm for fast critical plane search in computer-aided engineering durability analysis under multiaxial random loadings: Application to the Carpinteri-Spagnoli-Vantadori spectral method. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 1978-1993.	3.4	13
26	Mode II crack shielding in a compressed rough crack with friction. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 107, 102515.	4.7	8
27	A novel procedure for damage evaluation of fillet-welded joints. <i>International Journal of Fatigue</i> , 2020, 136, 105599.	5.7	8
28	Crack initiation and life estimation for 316 and 430 stainless steel specimens by means of a critical plane approach. <i>International Journal of Fatigue</i> , 2020, 138, 105677.	5.7	25
29	Total life approach analysis of ductile cast iron smooth specimens. <i>Procedia Structural Integrity</i> , 2020, 28, 1055-1061.	0.8	1
30	Fatigue-resistance evaluations for mixed mode damages under constant amplitude and overload. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 108, 102599.	4.7	5
31	Fretting failure of a pressure armour in an unbonded flexible riser. <i>International Journal of Fatigue</i> , 2019, 128, 105203.	5.7	10
32	Crack morphology models for fracture toughness and fatigue strength analysis. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1965-1979.	3.4	5
33	Size-effect independence of particleboard fracture toughness. <i>Composite Structures</i> , 2019, 229, 111374.	5.8	14
34	Shape of the power spectral density matrix components: Influence on fatigue damage. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 972-987.	3.4	2
35	Fatigue endurance design of plates with two semicircular edge notches and one quarter-elliptical corner crack or through-the-thickness crack. <i>International Journal of Fatigue</i> , 2019, 127, 45-52.	5.7	5
36	Lifetime estimation of mechanical assemblies under constant amplitude fretting fatigue loading. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1927-1936.	3.4	22

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37	Energy Concepts and Critical Plane for Fatigue Assessment of Ti-6Al-4V Notched Specimens. Applied Sciences (Switzerland), 2019, 9, 2163.	2.5	4
38	Multiaxial fatigue life evaluation of notched structural components: An analytical approach. Material Design and Processing Communications, 2019, 1, e74.	0.9	5
39	How Soft Polymers Cope with Cracks and Notches. Applied Sciences (Switzerland), 2019, 9, 1086.	2.5	12
40	Fretting fatigue investigation on Al 7075-T651 alloy: Experimental, analytical and numerical analysis. Tribology International, 2019, 135, 478-487.	5.9	31
41	Novel non-linear relationship to evaluate the critical plane orientation. International Journal of Fatigue, 2019, 124, 537-543.	5.7	7
42	Crack shielding in non-planar and frictional discontinuities under mixed-mode loading. MATEC Web of Conferences, 2019, 300, 15003.	0.2	0
43	Lightweight construction materials: Mortar reinforced with date-palm mesh fibres. Theoretical and Applied Fracture Mechanics, 2019, 100, 39-45.	4.7	39
44	Modelling the residual strength of fatigue damage at a single semicircular edge notch: Semielliptical crack and through-the-thickness crack. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 1010-1021.	3.4	4
45	Tension failure assessment at lug hole edges. International Journal of Fatigue, 2019, 121, 293-300.	5.7	3
46	Size effect on the fracture resistance of rough and frictional cracks. Frattura Ed Integrita Strutturale, 2019, 13, 401-407.	0.9	3
47	Crack paths in soft thin sheets. Frattura Ed Integrita Strutturale, 2019, 13, 1-9.	0.9	0
48	Synergy assessment of hybrid reinforcements in concrete. Composites Part B: Engineering, 2018, 147, 197-206.	12.0	28
49	Influence of random fatigue loading non-proportionality on damage. Theoretical and Applied Fracture Mechanics, 2018, 96, 56-63.	4.7	6
50	Fatigue analysis of a near-equiatomic pseudo-elastic NiTi SMA. Theoretical and Applied Fracture Mechanics, 2018, 94, 110-119.	4.7	16
51	Near-tip stress fields of rough and frictional cracks under mixed-mode loading. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 2099-2109.	3.4	8
52	Fatigue assessment of metallic components under uniaxial and multiaxial variable amplitude loading. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 1306-1317.	3.4	24
53	Fatigue lifetime evaluation of notched components: Implementation of the control volume concept in a strain-based LCF criterion. Theoretical and Applied Fracture Mechanics, 2018, 97, 400-408.	4.7	25
54	Welded joints under multiaxial non-proportional loading. Theoretical and Applied Fracture Mechanics, 2018, 93, 202-210.	4.7	15

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55	Defect sensitivity of highly deformable polymeric materials with different intrinsic qualities at various strain rates. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2018, 41, 806-820.	3.4	2
56	Contribution of date-palm fibres reinforcement to mortar fracture toughness. <i>Procedia Structural Integrity</i> , 2018, 13, 542-547.	0.8	22
57	Mode II fracture toughness for non-planar frictional cracks. <i>Procedia Structural Integrity</i> , 2018, 9, 159-164.	0.8	0
58	The Generalised Local Model applied to Fibreglass. <i>Composite Structures</i> , 2018, 202, 1353-1360.	5.8	1
59	The influence of date palm mesh fibre reinforcement on flexural and fracture behaviour of a cement-based mortar. <i>Composites Part B: Engineering</i> , 2018, 152, 292-299.	12.0	60
60	Multiaxial fatigue assessment of welded connections in railway steel bridge under constant and variable amplitude loading. <i>Bridge Structures</i> , 2018, 14, 21-33.	0.4	2
61	Mechanical Behaviour and Phase Transition Mechanisms of a Shape Memory Alloy by Means of a Novel Analytical Model. <i>Acta Mechanica Et Automatica</i> , 2018, 12, 105-108.	0.6	7
62	Defect tolerance at various strain rates in elastomeric materials: An experimental investigation. <i>Engineering Fracture Mechanics</i> , 2017, 183, 79-93.	4.3	8
63	A review of multiaxial fatigue criteria for random variable amplitude loads. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2017, 40, 1007-1036.	3.4	100
64	Novel zinc-based alloys used to improve the corrosion protection of metallic substrates. <i>Engineering Failure Analysis</i> , 2017, 82, 327-339.	4.0	10
65	Mode I fracture toughness of fibre reinforced concrete. <i>Theoretical and Applied Fracture Mechanics</i> , 2017, 91, 66-75.	4.7	77
66	Using the lead crack concept and fractal geometry for fatigue lifing of metallic structural components. <i>International Journal of Fatigue</i> , 2017, 102, 214-220.	5.7	17
67	Defect sensitivity to failure of highly deformable polymeric materials. <i>Theoretical and Applied Fracture Mechanics</i> , 2017, 88, 107-116.	4.7	4
68	Computational Fatigue Analysis of the Pin-Loaded Lug with Quarter-Elliptical Corner Crack. <i>International Journal of Applied Mechanics</i> , 2017, 09, 1750058.	2.2	9
69	Probabilistic failure assessment of Fibreglass composites. <i>Composite Structures</i> , 2017, 160, 1163-1170.	5.8	11
70	Modified two-parameter fracture model for bone. <i>Engineering Fracture Mechanics</i> , 2017, 174, 44-53.	4.3	34
71	Estimation of fatigue life under multiaxial loading by varying the critical plane orientation. <i>International Journal of Fatigue</i> , 2017, 100, 512-520.	5.7	35
72	Fatigue life estimation of fillet-welded tubular T-joints subjected to multiaxial loading. <i>International Journal of Fatigue</i> , 2017, 101, 263-270.	5.7	24

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73	Joined application of a multiaxial critical plane criterion and a strain energy density criterion in low-cycle fatigue. <i>Frattura Ed Integrita Strutturale</i> , 2017, 11, 66-70.	0.9	1
74	Fracture toughness of rough and frictional cracks emanating from a re-entrant corner. <i>Frattura Ed Integrita Strutturale</i> , 2017, 11, 175-182.	0.9	4
75	Fatigue life evaluation of metallic structures under multiaxial random loading. <i>International Journal of Fatigue</i> , 2016, 90, 191-199.	5.7	41
76	Mode I fracture toughness of fibre-reinforced concrete by means of a modified version of the two-parameter model. <i>Procedia Structural Integrity</i> , 2016, 2, 2889-2895.	0.8	15
77	Fractals and the lead crack airframe lifing framework. <i>Procedia Structural Integrity</i> , 2016, 2, 3081-3089.	0.8	3
78	Defect tolerance in soft materials. <i>Procedia Structural Integrity</i> , 2016, 2, 2788-2795.	0.8	5
79	Kinetics of Intermetallic Phases and Mechanical Behavior of ZnSn3% Hotâ€Dip Galvanization Coatings. <i>Advanced Engineering Materials</i> , 2016, 18, 2088-2094.	3.5	11
80	Notch effect in highly deformable material sheets. <i>Thin-Walled Structures</i> , 2016, 105, 90-100.	5.3	7
81	Micromechanical model for preferentially-oriented short-fibre-reinforced materials under cyclic loading. <i>Engineering Fracture Mechanics</i> , 2016, 167, 138-150.	4.3	5
82	An experimental investigation on the quasiâ€Brittle fracture of marble rocks. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2016, 39, 956-968.	3.4	16
83	Spectral fatigue life estimation for non-proportional multiaxial random loading. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 83, 67-72.	4.7	34
84	Fatigue assessment of notched specimens by means of a critical plane-based criterion and energy concepts. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 84, 57-63.	4.7	53
85	From NASGRO to fractals: Representing crack growth in metals. <i>International Journal of Fatigue</i> , 2016, 82, 540-549.	5.7	23
86	Micromechanical crack growth-based fatigue damage in fibrous composites. <i>International Journal of Fatigue</i> , 2016, 82, 98-109.	5.7	25
87	Critical Plane Orientation Influence on Multiaxial High-Cycle Fatigue Assessment. <i>Physical Mesomechanics</i> , 2015, 18, 348-354.	1.9	47
88	Mode I fracture toughness of the thermally pretreated red Verona marble by means of the twoâ€Parameter model. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2015, 38, 1529-1538.	3.4	11
89	Fracture mechanics based approach to fatigue analysis of welded joints. <i>Engineering Failure Analysis</i> , 2015, 49, 67-78.	4.0	43
90	Critical Plane Criterion for Fatigue Life Calculation: Time and Frequency Domain Formulations. <i>Procedia Engineering</i> , 2015, 101, 518-523.	1.2	23

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91	Interpreting some experimental evidences of fatigue crack size effects through a kinked crack model. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2015, 38, 215-222.	3.4	11
92	Fatigue life estimation for multiaxial low-cycle fatigue regime: The influence of the effective Poisson ratio value. <i>Theoretical and Applied Fracture Mechanics</i> , 2015, 79, 77-83.	4.7	32
93	Analysis of Cracked and Notched Round Bars Under Rotary Bending. <i>Materials Performance and Characterization</i> , 2015, 4, 131-142.	0.3	3
94	Interpreting experimental fracture toughness results of quasi-brittle natural materials through multi-parameter approaches. <i>Frattura Ed Integrita Strutturale</i> , 2015, 9, 80-88.	0.9	7
95	Time and frequency domain models for multiaxial fatigue life estimation under random loading. <i>Frattura Ed Integrita Strutturale</i> , 2015, 9, 376-381.	0.9	2
96	Life estimation by varying the critical plane orientation in the modified Carpinteri-Spagnoli criterion. <i>Frattura Ed Integrita Strutturale</i> , 2015, 9, .	0.9	5
97	Lifetime estimation in the low/medium-cycle regime using the Carpinteri-Spagnoli multiaxial fatigue criterion. <i>Theoretical and Applied Fracture Mechanics</i> , 2014, 73, 120-127.	4.7	48
98	A Strain-based Multiaxial Fatigue Criterion Connected to the Critical Plane Approach. <i>Procedia Engineering</i> , 2014, 74, 317-320.	1.2	9
99	Influence of material microvoids and heterogeneities on fatigue crack propagation. <i>Acta Mechanica</i> , 2014, 225, 3123-3135.	2.1	16
100	Reformulation in the frequency domain of a critical plane-based multiaxial fatigue criterion. <i>International Journal of Fatigue</i> , 2014, 67, 55-61.	5.7	47
101	An alternative definition of the shear stress amplitude based on the Maximum Rectangular Hull method and application to the C-S (Carpinteri-Spagnoli) criterion. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2014, 37, 764-771.	3.4	63
102	On the use of the Prismatic Hull method in a critical plane-based multiaxial fatigue criterion. <i>International Journal of Fatigue</i> , 2014, 68, 159-167.	5.7	49
103	Fracture mechanics approach for a partially debonded cylindrical fibre. <i>Composites Part B: Engineering</i> , 2013, 53, 169-178.	12.0	25
104	Stress intensity factors and fatigue growth of surface cracks in notched shells and round bars: two decades of research work. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 1164-1177.	3.4	57
105	Stress-intensity factors at the interface edge of a partially detached fibre. <i>Theoretical and Applied Fracture Mechanics</i> , 2013, 67-68, 1-13.	4.7	12
106	Surface cracks in fatigued structural components: a review. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 1209-1222.	3.4	47
107	Structural integrity assessment of metallic components under multiaxial fatigue: the C-S criterion and its evolution. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 870-883.	3.4	97
108	Continuous and lattice models to describe crack paths in brittle matrix composites with random and unidirectional fibres. <i>Engineering Fracture Mechanics</i> , 2013, 108, 170-182.	4.3	6

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109	Cracking behaviour of fibre-reinforced cementitious composites: A comparison between a continuous and a discrete computational approach. <i>Engineering Fracture Mechanics</i> , 2013, 103, 103-114.	4.3	19
110	Simplified analysis of fracture behaviour of a Francis hydraulic turbine runner blade. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 679-688.	3.4	22
111	Damage mechanics and Paris regime in fatigue life assessment of metals. <i>International Journal of Pressure Vessels and Piping</i> , 2013, 104, 57-68.	2.6	16
112	On a kinked crack model to describe the influence of material microstructure on fatigue crack growth. <i>Frattura Ed Integrita Strutturale</i> , 2013, 7, 94-101.	0.9	2
113	A Plasticity-Like Discontinuous FE Approach for Plain and Fiber-Reinforced Brittle Materials. <i>Mechanics of Advanced Materials and Structures</i> , 2012, 19, 277-289.	2.6	3
114	Crack path dependence on inhomogeneities of material microstructure. <i>Frattura Ed Integrita Strutturale</i> , 2012, 6, 6-16.	0.9	5
115	A computational approach to evaluate the mechanical influence of fibres on brittle-matrix composite materials. <i>Computational Materials Science</i> , 2012, 64, 212-215.	3.0	6
116	Fatigue life assessment under a complex multiaxial load history: an approach based on damage mechanics. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2012, 35, 141-153.	3.4	45
117	A notch multiaxial-fatigue approach based on damage mechanics. <i>International Journal of Fatigue</i> , 2012, 39, 122-133.	5.7	51
118	Multiaxial fatigue assessment using a simplified critical plane-based criterion. <i>International Journal of Fatigue</i> , 2011, 33, 969-976.	5.7	137
119	Real-time Detection and Analysis of Damage in High-performance Concrete under Cyclic Bending. <i>Experimental Mechanics</i> , 2010, 50, 413-428.	2.0	3
120	Some considerations on failure of solids and liquids. <i>Strength of Materials</i> , 2010, 42, 154-166.	0.5	8
121	Fracture behaviour of plain and fiber-reinforced concrete with different water content under mixed mode loading. <i>Materials & Design</i> , 2010, 31, 2032-2042.	5.1	66
122	Influence of the cold-drawing process on fatigue crack growth of a V-notched round bar. <i>International Journal of Fatigue</i> , 2010, 32, 1136-1145.	5.7	36
123	A multifractal analysis of fatigue crack growth and its application to concrete. <i>Engineering Fracture Mechanics</i> , 2010, 77, 974-984.	4.3	56
124	Fatigue life estimation in welded joints under multiaxial loadings. <i>Frattura Ed Integrita Strutturale</i> , 2009, 3, 46-54.	0.9	2
125	Notched double-curvature shells with cracks under pulsating internal pressure. <i>International Journal of Pressure Vessels and Piping</i> , 2009, 86, 443-453.	2.6	27
126	Sickle-shaped surface crack in a notched round bar under cyclic tension and bending. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2009, 32, 223-232.	3.4	37

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127	Sickle-shaped cracks in metallic round bars under cyclic eccentric axial loading. International Journal of Fatigue, 2009, 31, 759-765.	5.7	39
128	Multiaxial fatigue life estimation in welded joints using the critical plane approach. International Journal of Fatigue, 2009, 31, 188-196.	5.7	102
129	Size effect in S-N curves: A fractal approach to finite-life fatigue strength. International Journal of Fatigue, 2009, 31, 927-933.	5.7	64
130	Fatigue damage of high performance concrete through a 2D mesoscopic lattice model. Computational Materials Science, 2009, 44, 1098-1106.	3.0	39
131	Fracture and fatigue properties of metallic alloys S275 J2 and Al7075 T6 at low temperatures. Journal of Materials Science, 2008, 43, 4780-4788.	3.7	9
132	A multiaxial criterion for notch high-cycle fatigue using a critical-point method. Engineering Fracture Mechanics, 2008, 75, 1864-1874.	4.3	68
133	Static crack extension prediction in aluminium alloy at low temperature. Engineering Fracture Mechanics, 2008, 75, 510-525.	4.3	16
134	Influence of the crack morphology on the fatigue crack growth rate: A continuously-kinked crack model based on fractals. Engineering Fracture Mechanics, 2008, 75, 579-589.	4.3	41
135	Latent crack path and service life predictions for unnotched concrete under bending by digital speckle correlation method. Fatigue and Fracture of Engineering Materials and Structures, 2008, 31, 29-37.	3.4	13
136	Some Applications of Fractal Fracture Mechanics to Describe the Fatigue Behaviour of Materials. Key Engineering Materials, 2008, 378-379, 355-370.	0.4	1
137	Sickle-shaped crack in a round bar under complex Mode I loading. Fatigue and Fracture of Engineering Materials and Structures, 2007, 30, 524-534.	3.4	18
138	An elastic-plastic crack bridging model for brittle-matrix fibrous composite beams under cyclic loading. International Journal of Solids and Structures, 2006, 43, 4917-4936.	2.7	38
139	Surface cracks in notched round bars under cyclic tension and bending. International Journal of Fatigue, 2006, 28, 251-260.	5.7	63
140	Notched shells with surface cracks under complex loading. International Journal of Mechanical Sciences, 2006, 48, 638-649.	6.7	29
141	A Multiaxial Criterion for Notch Fatigue Using a Critical-Distance Method. , 2006, , 1091-1092.		0
142	Fatigue growth of a surface crack in a welded T-joint. International Journal of Fatigue, 2005, 27, 59-69.	5.7	48
143	Mechanical damage of ordinary or prestressed reinforced concrete beams under cyclic bending. Engineering Fracture Mechanics, 2005, 72, 1313-1328.	4.3	19
144	A fractal analysis of size effect on fatigue crack growth. International Journal of Fatigue, 2004, 26, 125-133.	5.7	130

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145	A fracture mechanics model for a composite beam with multiple reinforcements under cyclic bending. International Journal of Solids and Structures, 2004, 41, 5499-5515.	2.7	33
146	Circumferentially notched pipe with an external surface crack under complex loading. International Journal of Mechanical Sciences, 2003, 45, 1929-1947.	6.7	22
147	A multiaxial fatigue criterion for random loading. Fatigue and Fracture of Engineering Materials and Structures, 2003, 26, 515-522.	3.4	102
148	An approach to size effect in fatigue of metals using fractal theories. Fatigue and Fracture of Engineering Materials and Structures, 2002, 25, 619-627.	3.4	51
149	Expected position of the fatigue fracture plane by using the weighted mean principal Euler angles. International Journal of Fracture, 2002, 115, 87-99.	2.2	36
150	Multiaxial high-cycle fatigue criterion for hard metals. International Journal of Fatigue, 2001, 23, 135-145.	5.7	283
151	A three-parameter model for fatigue behaviour of circumferential surface flaws in pipes. International Journal of Mechanical Sciences, 2000, 42, 1255-1269.	6.7	18
152	External surface cracks in shells under cyclic internal pressure. Fatigue and Fracture of Engineering Materials and Structures, 2000, 23, 467-476.	3.4	14
153	Expected principal stress directions under multiaxial random loading. Part I: theoretical aspects of the weight function method. International Journal of Fatigue, 1999, 21, 83-88.	5.7	80
154	Expected principal stress directions under multiaxial random loading. Part II: numerical simulation and experimental assessment through the weight function method. International Journal of Fatigue, 1999, 21, 89-96.	5.7	66
155	Circumferential surface flaws in pipes under cyclic axial loading. Engineering Fracture Mechanics, 1998, 60, 383-396.	4.3	39
156	Part-through cracks in pipes under cyclic bending. Nuclear Engineering and Design, 1998, 185, 1-10.	1.7	33
157	SURFACE FLAWS IN CYLINDRICAL SHAFTS UNDER ROTARY BENDING. Fatigue and Fracture of Engineering Materials and Structures, 1998, 21, 1027-1035.	3.4	45
158	Shape change of surface cracks in round bars under cyclic axial loading. International Journal of Fatigue, 1993, 15, 21-26.	5.7	157
159	Stress intensity factors for straight-fronted edge cracks in round bars. Engineering Fracture Mechanics, 1992, 42, 1035-1040.	4.3	48
160	Influence of Residual Stresses on Fatigue Crack Propagation in Pearlitic Cold-Drawn Steel Wires. Materials Science Forum, 0, 681, 229-235.	0.3	5
161	Damage Mechanics and Critical Plane Approach to Multiaxial Fatigue. Key Engineering Materials, 0, 592-593, 239-245.	0.4	0
162	Fretting High-Cycle Fatigue Assessment through a Multiaxial Critical Plane-Based Criterion in Conjunction with the Taylor's Point Method. Solid State Phenomena, 0, 258, 217-220.	0.3	9