Michael Vormwald

List of Publications by Year
in descending order

148 papers	2,551 citations	236925 25 h-index	223800 46 g-index
152 all docs	152 docs citations	152 times ranked	1064 citing authors

#	Article	IF	Citations
1	On Scaled Normal Stresses in Multiaxial Fatigue and Their Exemplary Application to Ductile Cast Iron. Applied Mechanics, 2022, 3, 259-295.	1.5	5
2	Autofrettage of high-pressure components made of ultra-high-strength-steel. Procedia Structural Integrity, 2022, 37, 948-955.	0.8	2
3	Estimation of the fatigue strength of ultra-high strength steels. Procedia Structural Integrity, 2022, 37, 500-507.	0.8	2
4	Accuracy analyses of fatigue life predictions for multiaxially non-proportionally stressed notched components - a database evaluation. International Journal of Fatigue, 2022, 163, 107088.	5.7	5
5	Energy driven integration of incremental notch stress-strain approximation for multiaxial cyclic loading. International Journal of Fatigue, 2021, 145, 106043.	5.7	9
6	Elastic spherical inhomogeneity in an infinite elastic solid: an exact analysis by an engineering treatment of the problem based on the corresponding cavity solution. Archive of Applied Mechanics, 2021, 91, 1577-1603.	2.2	1
7	Modeling short crack propagation under variable structural and thermal loadings. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1652-1674.	3.4	3
8	Correlations between crack initiation and crack propagation lives of notched specimens under constant and variable amplitude loading. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 2871-2889.	3.4	8
9	Thermodynamics and Analysis of Predicted Responses of a Phase Field Model for Ductile Fracture. Materials, 2021, 14, 5842.	2.9	4
10	Autofrettage of component-like ultra high Strength Steel Specimens with intersecting Holes. MATEC Web of Conferences, 2021, 349, 04004.	0.2	1
11	Discussion of hardening effects on phase field models for fracture. MATEC Web of Conferences, 2021, 349, 02001.	0.2	0
12	Calculation of stress intensity factors from shell elements under mixed mode loading. International Journal of Fatigue, 2020, 134, 105447.	5.7	5
13	Guest editorial: Characterisation of crack tip fields-CCTF5. International Journal of Fatigue, 2020, 140, 105618.	5.7	1
14	Characterisation of crack tip fieldsâ€"CCTF5. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 1609-1610.	3.4	0
15	Structural strain approach to assess thermo-mechanical fatigue of thin-walled welded joints. International Journal of Fatigue, 2020, 139, 105722.	5.7	4
16	Thermal gradient mechanical fatigue assessment of a nickel-based superalloy. International Journal of Fatigue, 2020, 135, 105486.	5.7	24
17	Multiaxial fatigue assessment of tube-tube steel joints with weld ends using the peak stress method. International Journal of Fatigue, 2020, 135, 105495.	5.7	14
18	Configurational forces and J-integrals in cyclic metal plasticity. Theoretical and Applied Fracture Mechanics, 2020, 108, 102565.	4.7	6

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19	Applying fracture mechanics to fatigue strength determination â€“ Some basic considerations. International Journal of Fatigue, 2019, 126, 188-201.	5.7	22
20	The peak stress method applied to the fatigue assessment of tube-tube steel joints with weld ends under multiaxial loadings. MATEC Web of Conferences, 2019, 300, 19001.	0.2	1
21	Configurational forces in cyclic metal plasticity. MATEC Web of Conferences, 2019, 300, 08009.	0.2	0
22	The contrast of simplicity and accuracy in modeling multiaxial notch fatigue. MATEC Web of Conferences, 2019, 300, 13003.	0.2	0
23	Observations and modelling of non-proportional mixed mode cyclic loading. MATEC Web of Conferences, 2019, 300, 01002.	0.2	0
24	Fatigue life assessment of welded joints made of the stainless steel X6CrNiNb18â€10 for thermomechanical and variable amplitude loading. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 316-331.	0.9	1
25	Engineering approaches to multiaxial and nonâ€proportional fatigue of notched components. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 381-391.	0.9	4
26	Fatigue strength of autofrettaged Diesel injection system components under elevated temperature. International Journal of Fatigue, 2018, 113, 428-437.	5.7	10
27	Crack tip displacement fields measured by digital image correlation for evaluating variable mode-mixity during fatigue crack growth. International Journal of Fatigue, 2018, 115, 53-66.	5.7	25
28	Elastic plastic approximation procedure for notched bodies subjected to thermal transient loadings. Procedia Engineering, 2018, 213, 754-761.	1.2	0
29	Fatigue strength and fracture mechanics â€“ A general perspective. Engineering Fracture Mechanics, 2018, 198, 2-23.	4.3	72
30	Cyclic J-integral: Numerical and analytical investigations for surface cracks in weldments. Engineering Fracture Mechanics, 2018, 198, 24-44.	4.3	35
31	Numerical analysis of residual stresses and crack closure during cyclic loading of a longitudinal gusset. Engineering Fracture Mechanics, 2018, 198, 65-78.	4.3	13
32	Fatigue Lives of Power Plant Structures Due to Load Sequence Effects Originating from Fluctuating Production of Renewable Energy. MATEC Web of Conferences, 2018, 188, 02012.	0.2	0
33	Introduction to the new FKM guideline which considers nonlinear material behaviour. MATEC Web of Conferences, 2018, 165, 10014.	0.2	7
34	Guest Editorial: IJF Special issue of the International Conference on Structural Integrity and Durability, ICSID 2017, â€œFatigue at all Scalesâ€• International Journal of Fatigue, 2018, 116, 692.	5.7	0
35	Fatigue Life of Welded Joints of AISI 347 Stainless Steel Under Thermomechanical and Variable Amplitude Loading. , 2018, , .		2
36	Short fatigue crack growth in welded joints described by the effective cyclic J-integral. MATEC Web of Conferences, 2018, 165, 09002.	0.2	0

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37	Fatigue of engineering structures under combined nonproportional loads: An overview. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 1449-1468.	3.4	11
38	Fatigue crack growth simulation under cyclic non-proportional mixed mode loading. International Journal of Fatigue, 2017, 102, 37-47.	5.7	26
39	Fatigue of weld ends under combined loading. International Journal of Fatigue, 2017, 100, 627-638.	5.7	9
40	Analysis of an elastic elliptical inclusion in an infinite elastic plate under uniform remote tension based on the solution of the corresponding cavity problem. Journal of Strain Analysis for Engineering Design, 2017, 52, 515-527.	1.8	4
41	Special Issue on â€˜Multiaxial Fracture 2016â€™: Selected papers from the 11th International Conference on Multiaxial Fatigue and Fracture (ICMFF11), held in Seville, Spain, on 1â€“3 June 2016. Engineering Fracture Mechanics, 2017, 174, 1.	4.3	0
42	Statistical size effect on multiaxial fatigue strength of notched steel components. International Journal of Fatigue, 2017, 104, 322-333.	5.7	38
43	Fatigue strength and fracture mechanics. Procedia Structural Integrity, 2017, 5, 745-752.	0.8	10
44	Fatigue crack growth in cruciform welded joints: Influence of residual stresses and of the weld toe geometry. International Journal of Fatigue, 2017, 101, 253-262.	5.7	52
45	Variable mode-mixity during fatigue cycles â€“ crack tip parameters determined from displacement fields measured by digital image correlation. Frattura Ed Integrita Strutturale, 2017, 11, 314-322.	0.9	10
46	Sharp three-dimensional notches under combined nominal normal and shear fatigue loading. Frattura Ed Integrita Strutturale, 2017, 11, 114-122.	0.9	0
47	Experimental study of crack growth under non-proportional loading along with first modeling attempts. International Journal of Fatigue, 2016, 92, 426-433.	5.7	10
48	Berechnung von Anrisslebensdauern auf Basis des Ã–rtlichen Konzepts. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 887-896.	0.9	7
49	Schwingfestigkeitsbewertung von Nahtenden unter kombinierter Beanspruchung. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 904-910.	0.9	1
50	Modellierung des ErmÃ¼dungsrisswachstums in SchweiÃŸverbindungen unter BerÃ¼cksichtigung von SchweiÃŸeigenspannungen. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 923-934.	0.9	3
51	Considering fatigue load sequence effects by applying the Local Strain Approach and a fracture mechanics based damage parameter. Theoretical and Applied Fracture Mechanics, 2016, 83, 31-41.	4.7	21
52	About the fatigue crack propagation threshold of metals as a design criterion â€“ A review. Engineering Fracture Mechanics, 2016, 153, 190-243.	4.3	191
53	Measurements of strain fields around crack tips under proportional and non-proportional mixed-mode fatigue loading. International Journal of Fatigue, 2016, 89, 87-98.	5.7	16
54	Effect of cyclic plastic strain on fatigue crack growth. International Journal of Fatigue, 2016, 82, 80-88.	5.7	33

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55	Growth of long fatigue cracks under non-proportional loadings â€“ experiment and simulation. Frattura Ed Integrita Strutturale, 2016, 10, 234-240.	0.9	2
56	The non-proportionality of local stress paths in engineering applications. Frattura Ed Integrita Strutturale, 2016, 10, 52-59.	0.9	2
57	Schwingfestigkeit von thermo-mechanisch beanspruchten StumpfschweiÃŸverbindungen austenitischer Werkstoffe. Materialpruefung/Materials Testing, 2016, 58, 652-659.	2.2	0
58	Fatigue of weld ends under combined in- and out-of-phase multiaxial loading. Frattura Ed Integrita Strutturale, 2016, 10, 114-120.	0.9	0
59	Numerical Investigations of Seam Welds Under Low Cycle Fatigue: Proposal for Lifetime Estimation and Recommendations for Design With Commonly Used Guidelines. , 2015, , .		3
60	Experimental characterization and numerical assessment of fatigue crack growth under thermoâ€mechanical conditions. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 165-177.	0.9	4
61	Life estimation methodology for short fiber reinforced polymers under thermoâ€mechanical loading in automotive applications. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 214-228.	0.9	10
62	Simulation of fatigue crack growth in welded joints. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 110-122.	0.9	5
63	Classification of Load Sequence Effects in Metallic Structures. Procedia Engineering, 2015, 101, 534-542.	1.2	12
64	Measurement and simulation of strain fields around crack tips under mixed-mode fatigue loading. Frattura Ed Integrita Strutturale, 2015, 9, 42-55.	0.9	4
65	Multi-challenge aspects in fatigue due to the combined occurrence of multiaxiality, variable amplitude loading, and size effects. Frattura Ed Integrita Strutturale, 2015, 9, 253-261.	0.9	3
66	Measurement and simulation of crack growth rate and direction under non-proportional loadings. Frattura Ed Integrita Strutturale, 2015, 9, .	0.9	3
67	Transferability of fatigue resistance data for welded joints. MATEC Web of Conferences, 2014, 12, 05006.	0.2	0
68	Damage mechanisms in PBT-GF30 under thermo-mechanical cyclic loading. AIP Conference Proceedings, 2014, , .	0.4	7
69	Damage Assessment of Threaded Connections based on an Advanced Material Model and Local Concepts. Procedia Engineering, 2014, 74, 119-128.	1.2	8
70	Multiaxial fatigue assessment based on a short crack growth concept. Theoretical and Applied Fracture Mechanics, 2014, 73, 17-26.	4.7	17
71	Assessment of microstructural influences on fatigue crack growth by the strip-yield model. Computational Materials Science, 2014, 94, 298-305.	3.0	3
72	Low Cycle Fatigue of Seam Welds â€“ Numerical Simulation under Consideration of Material Inhomogeneities. Procedia Engineering, 2014, 74, 218-227.	1.2	5

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73	Fatigue Crack Propagation under Large Cyclic Plastic Strain Conditions. , 2014, 3, 301-306.		18
74	Notch stress and fracture mechanics based assessment of fatigue of seam weld ends under shear loading. Fatigue and Fracture of Engineering Materials and Structures, 2014, 37, 740-750.	3.4	20
75	Review of fatigue crack growth under non-proportional mixed-mode loading. International Journal of Fatigue, 2014, 58, 75-83.	5.7	59
76	Fatigue Behavior of Butt Weld Seams: Experimental Investigation and Numerical Simulation. , 2014, , .		4
77	Elastic-Plastic Fatigue Crack Growth. , 2013, , 391-481.		9
78	Geometrical Influence of a Butt Weld in the Low Cycle Fatigue Regime. Procedia Engineering, 2013, 66, 73-78.	1.2	3
79	Safe life and damage tolerance aspects of railway axles â€“ A review. Engineering Fracture Mechanics, 2013, 98, 214-271.	4.3	186
80	Advanced Methods of Fatigue Assessment. , 2013, , .		63
81	Development of a Model for Low-Cycle Fatigue Assessment of 347 SS Butt-Welded Joints. , 2013, , .		2
82	Schwingfestigkeit von SchweiÃŸnahtenden und Ãœbertragbarkeit von SchweiÃŸverbindungswÃ¶hlerlinienâ^—. Materialpruefung/Materials Testing, 2013, 55, 553-560.	2.2	11
83	Low Cycle Fatigue Behavior of Welded Components: A New Approach â€” Experiments and Numerical Simulation. , 2012, , .		4
84	Fatigue resistance of weld ends. Computational Materials Science, 2012, 52, 287-292.	3.0	15
85	Finite element based simulation of fatigue crack growth with a focus on elasticâ€“plastic material behavior. Computational Materials Science, 2012, 57, 73-79.	3.0	15
86	Considering size effects in the notch stress concept for fatigue assessment of welded joints. Computational Materials Science, 2012, 64, 71-78.	3.0	48
87	Strip yield model application for thermal cyclic loading. Computational Materials Science, 2012, 64, 265-269.	3.0	11
88	Statistical and geometrical size effects in notched members based on weakest-link and short-crack modelling. Engineering Fracture Mechanics, 2012, 95, 72-83.	4.3	53
89	Welded Connections of High-Strength Steels For The Building Industry. Welding in the World, Le Soudage Dans Le Monde, 2012, 56, 86-106.	2.5	22
90	Short-crack-growth-based fatigue assessment of notched components under multiaxial variable amplitude loading. Engineering Fracture Mechanics, 2011, 78, 1614-1627.	4.3	36

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91	Vorwort - Materialwissenschaft und Werkstofftechnik 4/2011. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 253-253.	0.9	0
92	Application of the notch stress concept to the real geometry of weld end points. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 289-297.	0.9	13
93	Fatigue resistance of weld ends â€“ Analysis of the notch stress using real geometry. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 874-880.	0.9	15
94	Foreword â€“ Materialwissenschaft und Werkstofftechnik 10/2011. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 845-845.	0.9	0
95	Methods of detailed thermal fatigue evaluation of nuclear power plant components. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 1082-1092.	0.9	2
96	Simulation of fatigue crack growth under consideration of cyclic plasticity. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 1093-1098.	0.9	3
97	Vorwort/Preface - Materialwissenschaft und Werkstofftechnik 12/2011. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 1049-1049.	0.9	0
98	Numerical simulation of plasticity induced fatigue crack opening and closure for autofrettaged intersecting holes. Engineering Fracture Mechanics, 2011, 78, 559-572.	4.3	29
99	Fatigue of Constructional Steel S460 under Complex Cyclic Stress and Strain Sequences. Procedia Engineering, 2011, 10, 270-275.	1.2	4
100	ErmÃ¼dungslebensdauer von Baustahl unter komplexen BeanspruchungsablÃufen am Beispiel des Stahles S460. Materialpruefung/Materials Testing, 2011, 53, 98-108.	2.2	9
101	Risswachstumsverhalten der Aluminiumlegierung AlMg4.5Mn unter proportionaler und nichtproportionaler Schwingbelastung. Materialpruefung/Materials Testing, 2011, 53, 109-117.	2.2	10
102	Festigkeitsbewertung fÃ¼r Strukturen mit Verzinkungsrissen. Materialpruefung/Materials Testing, 2011, 53, 144-149.	2.2	0
103	Zur Methodik der ErmÃ¼dungsbewertung von Komponenten der nuklearen Kraftwerkstechnik*. Materialpruefung/Materials Testing, 2011, 53, 407-417.	2.2	0
104	Fatigue assessment of thermal cyclic loading conditions based on a short crack approach. Procedia Engineering, 2010, 2, 1569-1578.	1.2	2
105	Mode I fatigue crack growth at notches considering crack closure. International Journal of Fatigue, 2010, 32, 1543-1558.	5.7	26
106	Fatigue crack growth behavior of fine-grained steel S460N under proportional and non-proportional loading. Engineering Fracture Mechanics, 2010, 77, 1822-1834.	4.3	30
107	Numerical Investigations of Phenomena Caused by the Closure and Growth Behavior of Short Cracks Under Thermal Cyclic Loading. , 2010, , .		3
108	Fatigue Assessment of Nuclear Power Plant Components Subjected to Thermal Cyclic Loading. , 2009, , .		5

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109	Fatigue life predictions by integrating EVICD fatigue damage model and an advanced cyclic plasticity theory. International Journal of Plasticity, 2009, 25, 780-801.	8.8	42
110	Deformations and damage to metallic materials under multiaxial non-proportional loading. Computational Materials Science, 2009, 46, 555-560.	3.0	15
111	Preface - SoSDiD 20082ndSymposium on Structural Durabilityin Darmstadt, June5-6, 2008, Darmstadt, Germany. Materialwissenschaft Und Werkstofftechnik, 2008, 39, 679-679.	0.9	0
112	Current developments and trends on structural durability. Materialwissenschaft Und Werkstofftechnik, 2008, 39, 680-687.	0.9	4
113	Short crack approach for multiaxial fatigue assessment. Materialwissenschaft Und Werkstofftechnik, 2008, 39, 702-710.	0.9	12
114	Variable amplitude fatigue of autofrettaged diesel injection parts. Materialwissenschaft Und Werkstofftechnik, 2008, 39, 719-725.	0.9	14
115	A unified expression of elasticâ€“plastic notch stressâ€“strain calculation in bodies subjected to multiaxial cyclic loading. International Journal of Solids and Structures, 2008, 45, 6177-6189.	2.7	79
116	A material model for creep and fatigue applied to asphalt. , 2007, , 325-333.		0
117	A Unified Fatigue Life Calculation Model for Notched Components Based on Elastic-Plastic Fracture Mechanics. Key Engineering Materials, 2007, 348-349, 525-528.	0.4	1
118	An experimental evaluation of three critical plane multiaxial fatigue criteria. International Journal of Fatigue, 2007, 29, 1490-1502.	5.7	148
119	ErmÃ¼dungsrissausbreitung*. Materialpruefung/Materials Testing, 2007, 49, 70-80.	2.2	1
120	Fatigue Assessment of Truss Joints Based on Local Approaches. , 2007, , 281-286.		0
121	Endurance limit of autofrettaged Diesel-engine injection tubes with defects. Engineering Fracture Mechanics, 2006, 73, 3-21.	4.3	30
122	Deformation behaviour, short crack growth and fatigue livesunder multiaxial nonproportional loading. International Journal of Fatigue, 2006, 28, 508-520.	5.7	79
123	Short fatigue crack growth under nonproportional multiaxial elasticâ€“plastic strains. International Journal of Fatigue, 2006, 28, 972-982.	5.7	72
124	Autofrettage innendruckbelasteter Bauteile. Materialwissenschaft Und Werkstofftechnik, 2006, 37, 233-239.	0.9	11
125	Invarianten-basierte Mehrachsigkeitshypothese zur Anwendung bei Schwingbeanspruchung. Materialwissenschaft Und Werkstofftechnik, 2006, 37, 1026-1038.	0.9	1
126	Simulation von SchÃdigungs- und KriechvorgÃngen im Asphalt. Materialwissenschaft Und Werkstofftechnik, 2006, 37, 1018-1025.	0.9	1

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127	Fatigue Crack Growth at Notches Considering Plasticity Induced Closure. , 2006, , 245-246.		1
128	Lebensdauerbewertung hochfester HybridschweiÃŸverbindungen unter Schwingbeanspruchung*. Materialpruefung/Materials Testing, 2006, 48, 352-357.	2.2	0
129	Short Fatigue Cracks in Notched and Unnotched Specimens under Non-Proportional Loading. , 2006, , 1221-1222.		0
130	The development of a damage tolerance concept for railway components and its demonstration for a railway axle. Engineering Fracture Mechanics, 2005, 72, 209-239.	4.3	85
131	1st Symposium â€žStructural Durabilityâ€“ 09.-10. June 2005, in Darmstadt, Germany. Materialwissenschaft Und Werkstofftechnik, 2005, 36, 631-631.	0.9	1
132	Fatigue of welded hybrid-joints. Materialwissenschaft Und Werkstofftechnik, 2005, 36, 706-714.	0.9	6
133	Notch stress and strain approximation procedures for application with multiaxial nonproportional loading. Materialpruefung/Materials Testing, 2005, 47, 268-277.	2.2	16
134	Entwicklung eines Schadenstoleranz-Konzeptes fÃ¼r Komponenten des Rad/Schiene-Systems am Beispiel von Radsatzwellen. Materialpruefung/Materials Testing, 2005, 47, 316-323.	2.2	0
135	A plasticity model for calculating stressâ€“strain sequences under multiaxial nonproportional cyclic loading. Computational Materials Science, 2003, 28, 587-596.	3.0	85
136	Schwingfestigkeitsanalyse eines geschweiÃŸten Winkelknotens auf der Basis von lokalen Konzepten. Stahlbau, 2003, 72, 245-253.	0.1	5
137	Damage Model of Gurson-Tvergaard-Needleman Applied to the Prediction of Initiation and Growth of Cracks in Case-Hardened Specimens Exposed to Overloads. Key Engineering Materials, 2003, 251-252, 319-326.	0.4	0
138	Anwendung von FEâ€basierten Schwingfestigkeitskonzepten auf Mismatchâ€KreuzstoÃŸverbindungen. Stahlbau, 2003, 72, 725-733.	0.1	3
139	Evaluation of fatigue of fillet welded joints in vehicle components under multiaxial service loads. European Structural Integrity Society, 2003, 31, 23-42.	0.1	3
140	Verformungsverhalten und rechnerische AbschÃtzung der ErmÃ¼dungslebensdauer metallischer Werkstoffe unter mehrachsig nichtproportionaler Beanspruchung. Materialwissenschaft Und Werkstofftechnik, 2002, 33, 280-288.	0.9	5
141	Residual stress fields and fatigue analysis of autofrettaged parts. International Journal of Pressure Vessels and Piping, 2002, 79, 113-117.	2.6	37
142	Kurzrisswachstum bei mehrachsig nichtproportionaler Beanspruchung. Materialwissenschaft Und Werkstofftechnik, 2001, 32, 329-336.	0.9	4
143	Hot-spot stress evaluation of fatigue in welded structural connections supported by finite element analysis. International Journal of Fatigue, 2000, 22, 85-91.	5.7	47
144	Spectrum Fatigue Life Assessment of Notched Specimens Using a Fracture Mechanics Based Approach. , 1994, , 221-240.		9

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145	EXAMINATION OF SHORT-CRACK MEASUREMENT AND MODELLING UNDER CYCLIC INELASTIC CONDITIONS. Fatigue and Fracture of Engineering Materials and Structures, 1993, 16, 693-706.	3.4	4
146	A Fracture Mechanics Based Model for Cumulative Damage Assessment as Part of Fatigue Life Prediction. , 1992, , 28-43.		15
147	THE CONSEQUENCES OF SHORT CRACK CLOSURE ON FATIGUE CRACK GROWTH UNDER VARIABLE AMPLITUDE LOADING. Fatigue and Fracture of Engineering Materials and Structures, 1991, 14, 205-225.	3.4	155
148	Improvement of fatigue life prediction accuracy for various realistic loading spectra by use of correction factors. International Journal of Fatigue, 1986, 8, 175-185.	5.7	14