Masayuki Kamaya

List of Publications by Year
in descending order

146 papers	3,079 citations	147801 31 h-index	182427 51 g-index
146 all docs	146 docs citations	146 times ranked	1587 citing authors

#	Article	IF	Citations
1	Application of SBF Test to Fatigue Damage Assessment of Type 316 Steel. Materials Performance and Characterization, 2022, 11, 451-463.	0.3	0
2	Fatigue life prediction model according to crack growth concept (Fatigue life corrections for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 2021, 87, 21-00196-21-00196.	0.2	0
3	Proposal of fatigue assessment method for piping under seismic loading (About the use of effective) Tj ETQq1 1 0.784314 rgBT /Over 21-00025-21-00025.	0.2	1
4	The Correlation between Non-Linear Acoustic and Magnetic Properties and Local Misorientation Induced by Plastic Strain in Metastable Austenitic Stainless Steel. Zairyo/Journal of the Society of Materials Science, Japan, 2021, 70, 191-198.	0.2	0
5	Influence of Mean Strain on Fatigue Life of Stainless Steel in Pressurized Water Reactor Water Environment. Journal of Pressure Vessel Technology, Transactions of the ASME, 2021, 143, .	0.6	2
6	J-integral estimation by reference plastic slope method for poly-linear stress-strain curves. International Journal of Pressure Vessels and Piping, 2021, 191, 104366.	2.6	3
7	Fatigue Life Assessment for Variable Strain in a Mixing Tee by Use of Effective Strain Range. Journal of Pressure Vessel Technology, Transactions of the ASME, 2021, , .	0.6	1
8	Causes of evolution and influence on failure strength of thermal crazing. Transactions of the JSME (in Japanese), 2021, 87, .	0.2	0
9	Application of finite element analyses to limit load assessment of JSME fitness-for-service code. Transactions of the JSME (in Japanese), 2021, 87, 21-00149-21-00149.	0.2	0
10	Development of small bulge fatigue testing technique using small diskâ€type specimen. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 444-456.	3.4	3
11	Penetration flow into a branch pipe causing thermal fatigue at a mixing tee. Nuclear Engineering and Design, 2020, 360, 110496.	1.7	4
12	An application of FEM in the determination of tensile properties for work-hardened carbon steel by means of small punch test. Results in Materials, 2020, 8, 100142.	1.8	5
13	Heat transfer coefficient suitable for thermal fatigue assessment at a T-junction. Nuclear Engineering and Design, 2020, 370, 110916.	1.7	2
14	A round robin EBSD measurement for quantitative assessment of small plastic strain. Materials Characterization, 2020, 170, 110662.	4.4	8
15	Environmental effect of PWR primary water on fatigue life of stainless steel (influence of loading) Tj ETQq1 1 0.784314 rgBT /Overloc 43, 2571-2581.	3.4	3
16	Numerical prediction of notch bluntness effect on fracture resistance of SM490A carbon steel. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 660-671.	3.4	4
17	Failure assessment curve for austenitic stainless steel pipes of nuclear power plants. Engineering Fracture Mechanics, 2020, 238, 107283.	4.3	10
18	Evolutions of Nonlinear Acoustics and Microstructure Induced by Plastic Strain in a Low Carbon Steel. Zairyo/Journal of the Society of Materials Science, Japan, 2019, 68, 121-128.	0.2	1

#	Article	IF	Citations
19	Mean Stress Effect on Fatigue Properties of Type 316 Stainless Steel in Pressurized Water Reactors Primary Water Environment. Journal of Pressure Vessel Technology, Transactions of the ASME, 2019, 141, .	0.6	3
20	Stress-strain Curve Estimation Procedure for Large Strain Including Post-necking Strain. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2019, 88, 621-623.	0.1	0
21	An axial crack growth prediction procedure initiated at butt welded joint (Growth prediction for) Tj ETQq1 1 0.784314 rgBT /Overlock JSME (in Japanese), 2018, 84, 17-00457-17-00457.	0.2	0
22	Numerical simulation of thermal stress fluctuation at a mixing tee for thermal fatigue problems. Mechanical Engineering Journal, 2018, 5, 18-00272-18-00272.	0.4	0
23	Development of Fatigue Crack Growth Prediction Model in Reactor Coolant Environment. Journal of Pressure Vessel Technology, Transactions of the ASME, 2018, 140, .	0.6	0
24	Evaluation of Microstructural Characteristics in Low-Cycle Fatigued Austenitic Stainless Steel Using X-Ray Line Profile Analysis. Materials Science Forum, 2018, 941, 376-381.	0.3	4
25	Elastic-plastic fracture resistance of carbon steel for cyclic load (prediction of J-R curve assuming) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	8
26	Thermal fatigue damage assessment at mixing tees (elastic-plastic deformation effect on stress and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	11
27	Influence of strain range on fatigue life reduction of stainless steel in <scp>PWR</scp> primary water. Fatigue and Fracture of Engineering Materials and Structures, 2017, 40, 2194-2203.	3.4	10
28	Fatigue crack tolerance design for stainless steel by crack growth analysis. Engineering Fracture Mechanics, 2017, 177, 14-32.	4.3	14
29	Computational crack propagation analysis with consideration of weld residual stresses. Engineering Fracture Mechanics, 2017, 182, 708-731.	4.3	18
30	Fatigue assessment for seismic loads considering material degradation due to stress corrosion cracking. Nuclear Engineering and Design, 2017, 322, 256-265.	1.7	3
31	Flaw Tolerance Assessment for Low-Cycle Fatigue of Stainless Steel. Journal of Pressure Vessel Technology, Transactions of the ASME, 2017, 139, .	0.6	2
32	Mean Stress Effect on Fatigue Properties of Type 316 Stainless Steel: Part I â€" In High-Temperature Air Environment. , 2017, , .		1
33	Optimization of inspection interval by applying performance based maintenance concept (Assessment) Tj ETQq1 1 0.784314 rgBT /O	0.2	0
34	Round Robin Test Using EBSD for Creep Damage Evaluation. Zairyo/Journal of the Society of Materials Science, Japan, 2017, 66, 130-137.	0.2	3
35	Mean Stress Effect on Fatigue Properties of Type 316 Stainless Steel: Part II â€" In PWR Primary Water Environment. , 2017, , .		1
36	Environmental Effect on Fatigue Crack Initiation and Growth of Stainless Steel for Flaw Tolerance Assessment. , 2016, , .		0

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37	Round robin crystal orientation measurement using EBSD for damage assessment. Mechanical Engineering Journal, 2016, 3, 16-00077-16-00077.	0.4	25
38	Variations of fracture toughness and stressï¼strain curve of cold worked stainless steel and their influence on failure strength of cracked pipe. Mechanical Engineering Journal, 2016, 3, 16-00155-16-00155.	0.4	2
39	Load carrying capacity assessment of cracked components by elastic-plastic finite element analysis (Investigation of load carrying capacity assessment procedures for stainless steel plates and pipes). Transactions of the JSME (in Japanese), 2016, 82, 15-00677-15-00677.	0.2	1
40	Z-factor equations for elastic-plastic fracture mechanics analysis prescribed in the JSME rules on fitness-for-service for nuclear power plants. Transactions of the JSME (in Japanese), 2016, 82, 16-00263-16-00263.	0.2	1
41	An investigation of thermal stress characteristics by wall temperature measurements at a mixing tee. Nuclear Engineering and Design, 2016, 298, 109-120.	1.7	28
42	Development of disc bending fatigue test technique for equi-biaxial loading. International Journal of Fatigue, 2016, 82, 561-571.	5.7	8
43	Rambergâ€“Osgood type stressâ€“strain curve estimation using yield and ultimate strengths for failure assessments. International Journal of Pressure Vessels and Piping, 2016, 137, 1-12.	2.6	56
44	Fatigue Crack Initiation and Growth Observation for 316 Stainless Steel Subjected to Equi-Biaxial Cyclic Loading. , 2015, , .		1
45	Influence of PWR Environment on Fatigue Crack Initiation and Growth of Type 316 Stainless Steel. , 2015, , .		0
46	Flaw Tolerance Assessment for Low-Cycle Fatigue of Stainless Steel. , 2015, , .		2
47	Mean stress effect on fatigue strength of stainless steel. International Journal of Fatigue, 2015, 74, 20-29.	5.7	73
48	Elastic-plastic failure assessment of cold worked stainless steel pipes. International Journal of Pressure Vessels and Piping, 2015, 131, 45-51.	2.6	7
49	Loading sequence effect on fatigue life of Type 316 stainless steel. International Journal of Fatigue, 2015, 81, 10-20.	5.7	42
50	True stressâ€“strain curve acquisition for irradiated stainless steel including the range exceeding necking strain. Journal of Nuclear Materials, 2015, 465, 316-325.	2.7	29
51	Effect of reference point selection on microscopic stress measurement using EBSD. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 647, 256-264.	5.6	32
52	Low-cycle fatigue crack growth prediction by strain intensity factor. International Journal of Fatigue, 2015, 72, 80-89.	5.7	49
53	Low Cycle Fatigue Crack Growth Prediction for Stainless Steel by Strain Intensify Factor. Zairyo/Journal of the Society of Materials Science, Japan, 2015, 64, 902-909.	0.2	0
54	Assessment of thermal fatigue damage caused by local fluid temperature fluctuation (part I:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Tc Engineering and Design, 2014, 268, 121-138.	1.7	25

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55	Estimation of elasticâ€“plastic fracture toughness by numerical simulation based on a stress-based criterion for ductile crack initiation. International Journal of Pressure Vessels and Piping, 2014, 117-118, 2-8.	2.6	8
56	Assessment of thermal fatigue damage caused by local fluid temperature fluctuation (part II: crack) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	11
57	Stressâ€“strain curve estimation procedures for stainless steels based on yield and ultimate strengths. Engineering Fracture Mechanics, 2014, 127, 194-210.	4.3	25
58	Evaluation of equi-biaxial fatigue of stainless steel by the pressurized disc fatigue test. International Journal of Fatigue, 2014, 61, 107-115.	5.7	10
59	A J-integral estimation procedure for Swift-type stressâ€“strain curves. Engineering Fracture Mechanics, 2014, 127, 31-45.	4.3	8
60	True stressâ€“strain curves of cold worked stainless steel over a large range of strains. Journal of Nuclear Materials, 2014, 451, 264-275.	2.7	29
61	Influence of mean stress on fatigue strength of stainless steel. Transactions of the JSME (in Japanese), 2014, 80, SMM0037-SMM0037.	0.2	9
62	Structural integrity of stainless steel components exposed to neutron irradiation (Change in failure) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 80, SMM0252-SMM0252.	0.2	3
63	Procedures for obtaining stress-strain curve of stainless steels including post-necking strain. Transactions of the JSME (in Japanese), 2014, 80, SMM0297-SMM0297.	0.2	2
64	Development of Pressurized Disc Type Fatigue Testing System for Equi-Biaxial Fatigue. Zairyo/Journal of the Society of Materials Science, Japan, 2014, 63, 582-588.	0.2	4
65	Environmental effect on fatigue strength of stainless steel in PWR primary water â€“ Role of crack growth acceleration in fatigue life reduction. International Journal of Fatigue, 2013, 55, 102-111.	5.7	31
66	Monitoring of inside surface crack growth by strain measurements of the outside surface: Application of multiple strain measurements technique to fatigue crack growth. Nuclear Engineering and Design, 2013, 256, 202-213.	1.7	7
67	Crack Growth Prediction Method Considering Interaction between Multiple Cracks (Assessment) Tj ETQq1 1 0.784314 rgBT /Overlock Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2013, 79, 1382-1395.	0.2	2
68	Identification of Inhomogeneous Material Strength near Weld Joint by Three-Dimensional Digital Image Correlation Technique. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2013, 79, 1517-1529.	0.2	3
69	Damage Assessment of Low-Cycle Fatigue by Crack Growth Prediction (Fatigue Life under Cyclic) Tj ETQq1 1 0.784314 rgBT /Overlock Engineers, Part A, 2013, 79, 1530-1544.	0.2	11
70	A Flaw Tolerance Concept for Plant Maintenance Using Virtual Fatigue Crack Growth Curve. , 2013, , .		9
71	Elastic-Plastic Fracture Mechanics Analysis of Cast Stainless Steel Pipes (Comparison of Z-Factor,) Tj ETQq1 1 0.784314 rgBT /Overlock		1
72	Damage Assessment of Low-Cycle Fatigue by Crack Growth Prediction (Development of Growth) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Society of Mechanical Engineers, Part A, 2012, 78, 1518-1533.	0.2	20

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73	Plastic Strain Measurement by EBSD. Journal of Solid Mechanics and Materials Engineering, 2012, 6, 493-503.	0.5	0
74	Damage Measurement of Structural Material by Electron Backscatter Diffraction (Quantification of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2012, 78, 65-80.	0.2	4
75	J-Integral Solutions for Surface Cracks Inside Pipes under Internal Pressure. Journal of Solid Mechanics and Materials Engineering, 2012, 6, 871-885.	0.5	13
76	Strain-based modeling of fatigue crack growth â€" An experimental approach for stainless steel. International Journal of Fatigue, 2012, 44, 131-140.	5.7	51
77	A stress-based criterion for ductile crack initiation of pre-strained carbon steel. Engineering Fracture Mechanics, 2012, 96, 461-479.	4.3	16
78	Effect of Mean Stress on Fatigue Strength of Type 316 Stainless Steel. Zairyo/Journal of the Society of Materials Science, Japan, 2012, 61, 635-641.	0.2	9
79	Assessment of local deformation using EBSD: Quantification of local damage at grain boundaries. Materials Characterization, 2012, 66, 56-67.	4.4	108
80	Effect of Plastic Strain on Elastic-Plastic Fracture Toughness of SM490 Carbon Steel (Assessment by) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Science, Japan, 2012, 61, 932-939.	0.2	1
81	Fatigue Life Prediction of Stainless Steel under Variable Loading (Damage Factors Determining Fatigue) Tj ETQq1 1 0.784314 rgBT /Ov Japan, 2011, 60, 871-878.	0.2	18
82	Crack Growth Prediction Method Considering Interaction between Multiple Cracks (Growth of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2011, 77, 552-563.	0.2	4
83	A Criterion for Combination Rule in Flaw Assessment of Parallel Surface Cracks. Journal of Pressure Vessel Technology, Transactions of the ASME, 2011, 133, .	0.6	7
84	EBSDã«ã‚ˆã‚‹ä½Žã‚µã‚¤ã‚¯ãƒ«ç–²åŠ´æå‚·ã®è¦³å¯Ÿï¼ˆSUS316é‹¼ãŠã‚ˆã³STS410é‹¼ã®å¾®è¦–çµ„ç¹”çš„ç‰¹å¾´ï¼‰. Nihon Kikai Gak Mechanical Engineers, Part A, 2011, 77, 154-169.	0.2	8
85	Coalescence Criteria of Interacting Axial Cracks for Failure Assessments. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2011, 77, 1814-1827.	0.2	1
86	Growth Monitoring of Internal Surface Crack by Strain Measurement of External Surface (Part I:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2011, 77, 2001-2011.	0.2	2
87	Fatigue Damage Evaluation Using Electron Backscatter Diffraction. Materials Transactions, 2011, 52, 1168-1176.	1.2	35
88	Assessment of local deformation using EBSD: Quantification of accuracy of measurement and definition of local gradient. Ultramicroscopy, 2011, 111, 1189-1199.	1.9	133
89	Thermal stress analysis for fatigue damage evaluation at a mixing tee. Nuclear Engineering and Design, 2011, 241, 2674-2687.	1.7	37
90	A procedure for determining the true stressâ€"strain curve over a large range of strains using digital image correlation and finite element analysis. Mechanics of Materials, 2011, 43, 243-253.	3.2	114

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91	Monitoring of inside surface crack growth by strain measurement of the outside surface: A feasibility study. Nuclear Engineering and Design, 2011, 241, 1-11.	1.7	11
92	A Plastic Collapse Assessment Procedure for Multiple Cracks Under Internal Pressure. , 2011, , .		2
93	A Combination Rule for Circumferential Surface Cracks on Pipe Under Tension Based on Limit Load Analysis. Journal of Pressure Vessel Technology, Transactions of the ASME, 2011, 133, .	0.6	4
94	Crack Growth Under High-Cycle Thermal Fatigue Loading: Effects of Stress Gradient and Relaxation in a Crack Network. Journal of Pressure Vessel Technology, Transactions of the ASME, 2011, 133, .	0.6	2
95	Correlation between Microstructural Scale Plastic Strain and Misorientation. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2010, 74, 467-474.	0.4	24
96	A Smoothing Filter for Misorientation Mapping Obtained by EBSD. Materials Transactions, 2010, 51, 1516-1520.	1.2	25
97	Growth Behavior of Two Interacting Surface Cracks of Dissimilar Size (Comparison for Tensile and) Tj ETQq1 1 0.784314 rgBT /Overlo		1
98	Damage due to Low-Cycle Fatigue of Type 316 Stainless Steel : Fatigue Life under Variable Loading and Influence of Internal Cracks. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2010, 76, 1048-1058.	0.2	9
99	Damage Tolerance Design for Thermal Fatigue Loading : Crack Growth Behavior under Thermal Fatigue Loading(<Special Issue>The 14th National Symposium on Power and Energy System). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 425-427.	0.2	0
100	Effect of Plastic Strain on Fracture strength of Cracked Components. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2010, 76, 205-214.	0.2	14
101	Fatigue properties of 316 stainless steel and its failure due to internal cracks in low-cycle and extremely low-cycle fatigue regimes. International Journal of Fatigue, 2010, 32, 1081-1089.	5.7	41
102	Reference stress method for evaluation of failure assessment curve of cracked pipes in nuclear power plants. International Journal of Pressure Vessels and Piping, 2010, 87, 66-73.	2.6	25
103	Growth prediction of two interacting surface cracks of dissimilar sizes. Engineering Fracture Mechanics, 2010, 77, 3120-3131.	4.3	53
104	Influence of bulk damage on crack initiation in lowâ€cycle fatigue of 316 stainless steel. Fatigue and Fracture of Engineering Materials and Structures, 2010, 33, 94-104.	3.4	40
105	Effect of Plastic Strain on Elastic-Plastic Fracture Toughness of SM490 Carbon Steel. Zairyo/Journal of the Society of Materials Science, Japan, 2010, 59, 800-807.	0.2	6
106	Measurement of Plastic Strain Induced by Seismic Loading Using EBSD and Indentation Test. Transactions of the Atomic Energy Society of Japan, 2010, 9, 166-173.	0.3	2
107	Crack Growth Under Thermal Fatigue Loading (Effect of Stress Gradient and Relaxation). , 2009, , .		2
108	Measurement of local plastic strain distribution of stainless steel by electron backscatter diffraction. Materials Characterization, 2009, 60, 125-132.	4.4	137

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109	Characterization of microstructural damage due to low-cycle fatigue by EBSD observation. Materials Characterization, 2009, 60, 1454-1462.	4.4	91
110	Simulation for intergranular stress corrosion cracking based on a three-dimensional polycrystalline model. Engineering Fracture Mechanics, 2009, 76, 386-401.	4.3	38
111	A procedure for estimating Youngâ€™s modulus of textured polycrystalline materials. International Journal of Solids and Structures, 2009, 46, 2642-2649.	2.7	46
112	Angular Distribution of Slip Steps by Three-Dimensional Polycrystalline Model for Stainless Steel. Journal of Nuclear Science and Technology, 2009, 46, 901-906.	1.3	2
113	J-Integral Solutions for Surface Crack Inside Pipe under Bending Load. Journal of Solid Mechanics and Materials Engineering, 2009, 3, 1115-1126.	0.5	23
114	A Flaw Proximity Rule for Interacting Surface Cracks Based on Elastic-Plastic Fracture Analysis. , 2009, , .		0
115	Measurement of Plastic Strain Distribution by Electron Backscatter Diffraction. Zairyo/Journal of the Society of Materials Science, Japan, 2009, 58, 568-574.	0.2	9
116	Fracture behavior of austenitic stainless steels irradiated in PWR. Journal of Nuclear Materials, 2008, 378, 211-219.	2.7	33
117	Growth evaluation of multiple interacting surface cracks. Part II: Growth evaluation of parallel cracks. Engineering Fracture Mechanics, 2008, 75, 1350-1366.	4.3	64
118	Growth evaluation of multiple interacting surface cracks. Part I: Experiments and simulation of coalesced crack. Engineering Fracture Mechanics, 2008, 75, 1336-1349.	4.3	87
119	Normalizing the influence of flaw length on failure pressure of straight pipe with wall-thinning. Nuclear Engineering and Design, 2008, 238, 8-15.	1.7	16
120	A study on the evolution of crack networks under thermal fatigue loading. Nuclear Engineering and Design, 2008, 238, 2147-2154.	1.7	35
121	Failure pressure of straight pipe with wall thinning under internal pressure. International Journal of Pressure Vessels and Piping, 2008, 85, 628-634.	2.6	44
122	Influence of the Interaction on Stress Intensity Factor of Semielliptical Surface Cracks. Journal of Pressure Vessel Technology, Transactions of the ASME, 2008, 130, .	0.6	14
123	A Flaw Proximity Rule for Circumferential Surface Cracks on Pipe Under Tensile Loading Based on Limit Load Analysis. , 2008, , .		0
124	Finite Element Alternating Method for Interacting Surface Cracks. Solid State Phenomena, 2007, 120, 147-153.	0.3	3
125	Influence of Crystal Grain on Stress Intensity Factor of Microstructurally Small Cracks. Journal of Solid Mechanics and Materials Engineering, 2007, 1, 827-841.	0.5	1
126	Influence of local stress on initiation behavior of stress corrosion cracking for sensitized 304 stainless steel. Corrosion Science, 2007, 49, 3303-3324.	6.6	40

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127	Three-dimensional local stress analysis on grain boundaries in polycrystalline material. International Journal of Solids and Structures, 2007, 44, 3267-3277.	2.7	87
128	Crack initiation model for sensitized 304 stainless steel in high temperature water. Corrosion Science, 2006, 48, 2442-2456.	6.6	48
129	Stress Intensity Factors of Surface Crack with Undulated Front. JSME International Journal Series A-Solid Mechanics and Material Engineering, 2006, 49, 529-535.	0.4	15
130	Flaw Proximity Rules for Parallel Surface Cracks Based on Elastic, Elastic-Plastic Fracture Mechanics and Limit Load Analyses. , 2006, , 325.		8
131	Quantification of plastic strain of stainless steel and nickel alloy by electron backscatter diffraction. Acta Materialia, 2006, 54, 539-548.	7.9	210
132	Influence of the Interaction on Stress Intensity Factor of Semi-Elliptical Surface Cracks. , 2005, , 273.		6
133	Measurement of plastic strain of polycrystalline material by electron backscatter diffraction. Nuclear Engineering and Design, 2005, 235, 713-725.	1.7	214
134	Influence of grain boundaries on short crack growth behaviour of IGSCC. Fatigue and Fracture of Engineering Materials and Structures, 2004, 27, 513-521.	3.4	20
135	A simulation on growth of multiple small cracks under stress corrosion. International Journal of Fracture, 2004, 130, 787-801.	2.2	32
136	Stress intensity factors of microstructurally small crack. International Journal of Fracture, 2003, 124, 201-213.	2.2	23
137	A Crack Growth Evaluation Method for Interacting Multiple Cracks. JSME International Journal Series A-Solid Mechanics and Material Engineering, 2003, 46, 15-23.	0.4	54
138	An Acceleration Test for Stress Corrosion Cracking using Humped Specimen. Zairyo To Kankyo/ Corrosion Engineering, 2003, 52, 554-560.	0.2	3
139	Evaluation of Coalescence Criteria for Parallel Cracks. , 2002, , 181.		5
140	Stress Intensity Factors of Interacting Parallel Surface Cracks.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2002, 68, 1112-1119.	0.2	18
141	Influence of interaction between multiple cracks on stress corrosion crack propagation. Corrosion Science, 2002, 44, 2333-2352.	6.6	71
142	Multiple Cracks Initiation and Propagation Behavior of Stainless Steel in High Temperature Water Environment. Zairyo To Kankyo/ Corrosion Engineering, 2001, 50, 57-64.	0.2	11
143	Estimation of Short Crack Growth Rate on PWSCC of Millannealed Alloy 600. Zairyo To Kankyo/ Corrosion Engineering, 2000, 49, 159-165.	0.2	6
144	Short Crack Behavior on PWSCC of Mill Annealed Alloy 600. Zairyo To Kankyo/ Corrosion Engineering, 1999, 48, 790-795.	0.2	1

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145	Local Plastic Strain Measurement by EBSD. Applied Mechanics and Materials, 0, 7-8, 173-179.	0.2	43
146	Measurement of Crystal Grain Size of Austenitic Stainless Steels under Low-Cycle Fatigue by EBSD Techniques. Key Engineering Materials, 0, 452-453, 809-812.	0.4	0