Matthias Oechsner

List of Publications by Year
in descending order

143 papers	2,570 citations	361296 20 h-index	214721 47 g-index
152 all docs	152 docs citations	152 times ranked	2083 citing authors

#	Article	IF	Citations
1	Hydrogen-assisted cracking (HAC) of high-strength steels as a function of the hydrogen pre-charging time. Engineering Fracture Mechanics, 2022, 261, 108246.	2.0	3
2	Investigation of Material Properties of Wall Structures from Stainless Steel 316L Manufactured by Laser Powder Bed Fusion. Metals, 2022, 12, 285.	1.0	5
3	A systematic experimental study on the impact of multiaxiality on fatigue life of cast steels at high temperature. Procedia Structural Integrity, 2022, 38, 192-201.	0.3	1
4	Influence of Lubrication Systems on the Fatigue Strength of Bolted Joints. Applied Sciences (Switzerland), 2022, 12, 2778.	1.3	2
5	A New Method for the Calculation of Characteristics of Disc Springs with Trapezoidal Cross-Sections and Rounded Edges. Materials, 2022, 15, 1954.	1.3	2
6	Crack Closure in Cycles with Dwell Times at High Temperature. Engineering Fracture Mechanics, 2022, 268, 108463.	2.0	2
7	Robust Determination of Fatigue Crack Propagation Thresholds from Crack Growth Data. Materials, 2022, 15, 4737.	1.3	5
8	Transfer of methods for determining parameters of selfâ€loosening for tests on the vibration test bench according to Junker to tests on a newly developed test setup for singleâ€bolted joints with short clamping length using an axial test bench. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 152-163.	0.5	2
9	Statistical analysis of AA-1050 localized corrosion in anhydrous ethanol. Corrosion Science, 2021, 179, 109137.	3.0	3
10	Determination of the sâ€phase formation coefficient of plasma nitrided austenitic steel. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 193-201.	0.5	3
11	Influence of heated forming tools on corrosion behavior of high strength aluminum alloys. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 145-151.	0.5	6
12	Calibration of the residual stresses with an active die during the ejection phase of cold extrusion. International Journal of Material Forming, 2021, 14, 223-233.	0.9	6
13	On the Influence of the Microstructure upon the Fatigue and Corrosion Fatigue Behavior of UNS N07718. Metals, 2021, 11, 117.	1.0	2
14	Isothermal and anisothermal creep behavior of the nickel base Alloy 602 CA. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 231-247.	0.5	1
15	Influence of material condition and chemical composition on the properties of plasmaâ€nitrided austenitic steels. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 177-192.	0.5	2
16	Slipâ€resistant connections in hotâ€dip galvanized steel bridge constructions. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 202-210.	0.5	2
17	Temperature influence on the development of interdiffusion phenomena in MCrAlYâ€coated nickelâ€based superalloys. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 248-260.	0.5	2
18	Fatigue strength of helical compression springs â€comparison of calculation methods according to DIN EN 13906â€1â€‰and Forschungskuratorium Maschinenbau (FKM) guideline â€œAnalytical strength assessment of springs and spring elementsâ€ Materialwissenschaft Und Werkstofftechnik, 2021, 52, 211-230.	0.5	0

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19	Analytical approach for the minimum depths of engagement for bolted joints with formed female threads. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 164-176.	0.5	1
20	Statistical analysis of the reproducibility of residual stress measurements in cold extruded parts. Archive of Applied Mechanics, 2021, 91, 3665-3677.	1.2	1
21	Influence of contour scans on surface roughness and pore formation using ScalmalloyÂ® manufactured by laser powder bed fusion (PBFâ€LB). Materialwissenschaft Und Werkstofftechnik, 2021, 52, 468-481.	0.5	5
22	Assessment of the impact of multiple mild-steam decontaminations on the protection performance of disposable KN95 filtering facepiece respirators. Infection Prevention in Practice, 2021, 3, 100136.	0.6	0
23	Thermally sprayed coatings for the valve industry. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 997-1011.	0.5	3
24	Boosting the wear and corrosion properties of PVD-TiMgGdN coated mild steels using novel powder metallurgical TiMgGd targets. Surface and Coatings Technology, 2021, 422, 127496.	2.2	1
25	Formation of Residual Stresses in Austenitic Stainless Steels by Infeed and Recess Rotary Swaging. Minerals, Metals and Materials Series, 2021, , 2261-2275.	0.3	2
26	Influence of LPBF-Surface Characteristics on Fatigue Properties of ScalmalloyÂ®. Metals, 2021, 11, 1961.	1.0	14
27	Cut edge of annealed float glass: crack system and possibilities to increase the edge strength by adjusting the cutting process. Glass Structures and Engineering, 2020, 5, 3-25.	0.8	7
28	Effect of Friction Stir Processing on Microstructural, Mechanical, and Corrosion Properties of Al-Si12 Additive Manufactured Components. Metals, 2020, 10, 85.	1.0	24
29	On the Influence of Control Type and Strain Rate on the Lifetime of 50CrMo4. Metals, 2020, 10, 1458.	1.0	8
30	On the Influence of Ultimate Number of Cycles on Lifetime Prediction for Compression Springs Manufactured from VDSiCr Class Spring Wire. Materials, 2020, 13, 3222.	1.3	6
31	Corrosion Resistance and Microstructure of Welded Duplex Stainless Steel Surface Layers on Gray Cast Iron. Journal of Thermal Spray Technology, 2020, 29, 825-842.	1.6	10
32	Fatigue strength of metric steel screws depending on pre-load and nut type. Engineering Failure Analysis, 2020, 112, 104484.	1.8	7
33	Influence of Preheating on Lamellar Gray Cast Iron for Surface Layer Welding applications with Plasma-Transferred Arc Powder and Metal Inert Gas Welding Processes with Duplex Steel as Filler Material. Journal of Thermal Spray Technology, 2020, 29, 724-740.	1.6	5
34	Influence of the microstructure of Znâ€“Ni coatings on hydrogen effusion characteristics. Journal of Applied Electrochemistry, 2020, 50, 935-942.	1.5	2
35	Effect of the parameters of weld toe geometry on the FAT class as obtained by means of fracture mechanics-based simulations. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 925-936.	1.3	19
36	Experimental Investigation of Single Bubble Nucleate Boiling in Microgravity. Microgravity Science and Technology, 2020, 32, 597-607.	0.7	11

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37	Corrosion and wear protection of mild steel substrates by innovative PVD coatings. Surface and Coatings Technology, 2020, 391, 125659.	2.2	29
38	A Novel Algorithm for the Determination of Walker Damage in Loaded Disc Springs. Materials, 2020, 13, 1661.	1.3	3
39	Welding Process for the Additive Manufacturing of Cantilevered Components with the WAAM. Advanced Structured Materials, 2020, , 67-78.	0.3	21
40	A method for the strain rate dependent correction for control type of fatigue tests. International Journal of Fatigue, 2020, 138, 105726.	2.8	5
41	GPU-based digital image correlation system for uniaxial and biaxial crack growth investigations. Procedia Structural Integrity, 2020, 28, 2195-2205.	0.3	4
42	Toward a Better Understanding of Crack Growth in Nickel-Cast Alloys Under Creep-Fatigue and Thermo-Mechanical Fatigue Conditions. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	0.5	2
43	Establishing PVD-coatings for the corrosion protection of mild steel substrates for complex tribological and corrosive stresses. Surface and Coatings Technology, 2019, 376, 74-83.	2.2	11
44	Impact of Biogenic Fuels on the Fatigue Behavior of Steels. MTZ Worldwide, 2019, 80, 100-105.	0.1	1
45	Very high cycle fatigue behaviour of compression springs under constant and variable amplitude loading. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 1301-1316.	0.5	5
46	Influence of carbon diffusion on microstructure and wear behaviour of duplex stainless steel surface layers on lamellar grey cast iron. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 1165-1180.	0.5	5
47	Enhancement of the residual stresses of cold fullâ€forward extruded parts by application of an active counter punch. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 669-681.	0.5	10
48	Experimental study on the tribo-chemical smoothening process between self-mated silicon carbide in a water-lubricated surface-contact reciprocating test. Friction, 2019, 7, 181-191.	3.4	7
49	Fatigue properties of bolted joints with cut and formed threads. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 204-224.	0.5	4
50	Study of the permeability of TiN coatings through electrochemical ion detection. Thin Solid Films, 2019, 675, 160-171.	0.8	1
51	Development and validation of a coolant sensor for characterizing corrosion protection. Materialwissenschaft Und Werkstofftechnik, 2019, 50, 1598-1606.	0.5	0
52	Observations on the stability of the residual stresses after cold forming and unidirectional loading. Production Engineering, 2019, 13, 157-167.	1.1	5
53	Interaction of Water, Chloride, and Acetic Acid on the Corrosion Behavior of Aluminum in Ethanol Blended Gasoline Fuels. , 2019, , .		2
54	Application Concepts and Experimental Validation of Constitutive Material Models for Creep-Fatigue Assessment of Components. , 2019, , .		1

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55	Aspects of Creep Fatigue Lifetime Assessment for High Temperature Components With Accumulative Model. , 2019, , .		0
56	Electrochemical characterization of automotive aluminum alloys regarding their corrosion fatigue behavior. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 264-272.	0.5	4
57	Experimental studies of the effect of Ti interlayers on the corrosion resistance of TiN PVD coatings by using electrochemical methods. Corrosion Science, 2018, 133, 240-250.	3.0	67
58	The Influence of the Coating Deposition Process on the Interdiffusion Behavior Between Nickel-Based Superalloys and MCrAlY Bond Coats. Journal of Thermal Spray Technology, 2018, 27, 379-390.	1.6	5
59	The effect of the local and global weld geometry as well as material defects on crack initiation and fatigue strength. Engineering Fracture Mechanics, 2018, 198, 103-122.	2.0	85
60	A study on failure of double-layer thermal barrier coatings subjected to uniaxial compression tests using acoustic emission analysis and digital image correlation. Procedia Structural Integrity, 2018, 13, 1226-1231.	0.3	1
61	Improving the corrosion and wear resistance of grey cast iron components by surface welding with duplex stainless steel using regulated gas metal arc welding: Influence of dilution on corrosion properties. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 1520-1537.	0.5	5
62	Triboâ€chemical smoothening process with silica nanoparticles. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 1423-1438.	0.5	1
63	On the Evaluation and Consideration of Fracture Mechanical Notch Support Within a Creep Fatigue Lifetime Assessment. , 2018, , .		0
64	Creation and description of sand blasted stamp created micro roughness on polyetheretherketone with subsequent physical vapor deposition coating for promotion of osseointegration. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 1301-1313.	0.5	2
65	Development of a hydrogen absorption model to determine absorption kinetics and diffusion coefficients by means of carrier gas hot extraction. International Journal of Hydrogen Energy, 2018, 43, 10496-10501.	3.8	3
66	Der Einfluss zinkbasierter Korrosionsschutzsysteme auf die Dauerfestigkeit. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 703-713.	0.5	2
67	On the Evaluation and Consideration of Fracture Mechanical Notch Support Within a Creep-Fatigue Lifetime Assessment. Journal of Engineering for Gas Turbines and Power, 2018, 140, .	0.5	1
68	Fused glass deposition modelling for applications in the built environment. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 870-880.	0.5	3
69	Evaluation of the open porosity of PVD coatings through electrochemical iron detection. Surface and Coatings Technology, 2018, 350, 453-461.	2.2	8
70	Influence of salt corrosion on the fatigue behaviour of aluminium alloys for chassis components under constant and variable amplitude loading. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 273-286.	0.5	2
71	Comparative study of the testing approaches for the susceptibility of high-strength fasteners to environmental hydrogen embrittlement (EHE). Materialpruefung/Materials Testing, 2018, 60, 251-256.	0.8	0
72	Material Investigations on Guitar Strings. Praktische Metallographie/Practical Metallography, 2018, 55, 813-825.	0.1	0

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73	Corrosion properties of polished and shot-peened austenitic stainless steel 304L and 316L with and without plasma nitriding. Surface and Coatings Technology, 2017, 313, 40-46.	2.2	42
74	High Temperature Fatigue of Welded Jointsâ€"Experimental Investigation and Local Analysis of Butt Welded Flat and Cruciform Specimens. Journal of Pressure Vessel Technology, Transactions of the ASME, 2017, 139, .	0.4	5
75	Nitriding behavior and corrosion properties of AISI 304L and 316L austenitic stainless steel with deformation-induced martensite. Surface and Coatings Technology, 2017, 324, 121-128.	2.2	24
76	Entwicklung einer neuartigen wirtschaftlichen, eisenbasierten Beschichtung zur ErhÃ¶hung der Lebensdauer von Gussbauteilen unter dem Gesichtspunkt der KorrosionsbestÃndigkeit. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 922-935.	0.5	3
77	Estimation of fatigue crack growth under complex loading using an accumulative approach. Materials at High Temperatures, 2017, 34, 350-361.	0.5	2
78	Thermomechanical Coating Load in Dependence of Fundamental Coating Properties. Procedia CIRP, 2017, 58, 25-30.	1.0	9
79	Fatigue life estimation of screws under multiaxial loading using a local approach. International Journal of Fatigue, 2017, 104, 43-51.	2.8	11
80	Application-oriented description of time-/temperature dependent crack growth in a conventionally cast nickel-based superalloy. International Journal of Fatigue, 2017, 96, 78-88.	2.8	10
81	Estimation of thermo-mechanical fatigue crack growth using an accumulative approach based on isothermal test data. International Journal of Fatigue, 2017, 99, 250-257.	2.8	9
82	Modeling of creep and stress relaxation of the nickel-base alloy NiCr20TiAl at isothermal and non-isothermal loading conditions. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 1070-1081.	0.5	1
83	Liquid Metal Assisted Crack Formation in Zinc Melts, Representation of the Damage Pattern Using 3D Computed Tomography. Praktische Metallographie/Practical Metallography, 2017, 54, 118-136.	0.1	0
84	Fractures in High-Strength Bolts due to Hydrogen Induced Stress Corrosion â€" Causes and Corrective Actions. Praktische Metallographie/Practical Metallography, 2017, 54, 178-211.	0.1	1
85	A Thermo-Mechanical Fatigue Crack Growth Accumulative Model for Gas Turbine Blades and Vanes. , 2016, , .		6
86	Interdiffusion in MCrAlY coated nickel-base superalloys. Surface and Coatings Technology, 2016, 307, 565-573.	2.2	51
87	Notch Support for LCF-Loading: A Fracture Mechanics Approach. Procedia Structural Integrity, 2016, 2, 3125-3134.	0.3	15
88	Ein Verfahren zur Ermittlung der Rissentwicklung wÃhrend des Feuerverzinkens. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 5-11.	0.5	1
89	Gas loss of insulating glass units under load: internal pressure controlled permeation test. Glass Structures and Engineering, 2016, 1, 289-299.	0.8	3
90	Climate loads in insulating glass units: comparison of theory and experimental results. Glass Structures and Engineering, 2016, 1, 301-313.	0.8	17

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91	Frequency effect and influence of testing technique on the fatigue behaviour of quenched and tempered steel and aluminium alloy. International Journal of Fatigue, 2016, 93, 224-231.	2.8	29
92	Gadolinium zirconate/YSZ thermal barrier coatings: Mixed-mode interfacial fracture toughness and sintering behavior. Surface and Coatings Technology, 2016, 286, 119-128.	2.2	54
93	Schwingfestigkeit von thermo-mechanisch beanspruchten StumpfschweiÃŸverbindungen austenitischer Werkstoffe. Materialpruefung/Materials Testing, 2016, 58, 652-659.	0.8	0
94	High Temperature Fatigue of Welded Joints: Experimental Investigation and Local Analysis of Butt Welded Flat and Cruciform Specimens. , 2015, , .		1
95	Corrosion behavior of EN AC-AlSi10Mg in boiling coolant with various average flow temperatures. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 931-939.	0.8	3
96	Experimental characterization and numerical assessment of fatigue crack growth under thermoâ€•mechanical conditions. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 165-177.	0.5	4
97	ErmÃ¼dungsfestigkeit feuerverzinkter HVâ€Schrauben in Ringflanschverbindungen von Windenergieanlagen. Stahlbau, 2015, 84, 1010-1015.	0.2	6
98	Feuerverzinken im BrÃ¼ckenbau. Stahlbau, 2015, 84, 2-9.	0.2	14
99	Mechanisms of hydrogen-induced cracking in high-strength screws. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 190-196.	0.5	1
100	Fatigue at high number of cyclic loads: Testing methods and failure mechanism. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 931-941.	0.5	4
101	Kriechverhalten der Nickelbasislegierung Alloy 602 CA. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 911-930.	0.5	0
102	Significance of the superposition of cyclic mechanical and corrosive loadings in the qualification process of aluminium alloys. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 98-109.	0.5	3
103	Studies on the potential risk of liquid metal assisted cracking (LMAC) in normal-temperature and high-temperature hot-dip galvanizing of high strength bolts of dimensions greater M24. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 796-803.	0.5	0
104	Feuerverzinken im BrÃ¼ckenbau. Stahlbau, 2015, 84, 119-123.	0.2	7
105	Simulation of fatigue crack growth in welded joints. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 110-122.	0.5	5
106	Corrosion Behaviour of Aluminium â€” Influence of Coolant Evaporations. MTZ Worldwide, 2015, 76, 46-52.	0.1	1
107	Optimisation of process parameters for lattice structures. Rapid Prototyping Journal, 2015, 21, 117-127.	1.6	32
108	Microstructure Representation of Steels by Means of Ferrofluids. Praktische Metallographie/Practical Metallography, 2015, 52, 638-664.	0.1	1

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109	Local Heat Flux Investigation During Pool Boiling Single Bubble Cycles Under Reduced Gravity. Heat Transfer Engineering, 2014, 35, 482-491.	1.2	9
110	A Method to reduce calculation time for FE simulations using constitutive material models. Materials at High Temperatures, 2014, 31, 334-342.	0.5	17
111	Influence of the microstructure on the corrosion resistance of plasma-nitrided austenitic stainless steel 304L and 316L. Materialwissenschaft Und Werkstofftechnik, 2014, 45, 930-946.	0.5	10
112	Fracture mechanics and testing for crack initiation and growth assessment in coal power plants. , 2014, , 229-264.		0
113	Multiaxial thermomechanical creep-fatigue analysis of heat-resistant steels with varying chromium contents. International Journal of Fatigue, 2014, 67, 220-227.	2.8	16
114	Effect on the tensile strength of human acellular dermis (EpiflexÂ®) of in-vitro incubation simulating an open abdomen setting. BMC Surgery, 2014, 14, 7.	0.6	8
115	Development of new PVD coatings for magnesium alloys with improved corrosion properties. Surface and Coatings Technology, 2014, 259, 102-108.	2.2	65
116	Microstructure investigations on two different aluminum wrought alloys after very high cycle fatigue. International Journal of Fatigue, 2014, 60, 28-33.	2.8	11
117	Fatigue Behavior of Butt Weld Seams: Experimental Investigation and Numerical Simulation. , 2014, , .		4
118	PVD coating and substrate pretreatment concepts for magnesium alloys by multinary coatings based on Ti(X)N. Surface and Coatings Technology, 2013, 228, S336-S341.	2.2	24
119	Behavior of DLC coated low-alloy steel under tribological and corrosive load: Effect of top layer and interlayer variation. Surface and Coatings Technology, 2013, 215, 110-118.	2.2	30
120	Influence of application technology on the erosion resistance of DLC coatings. Surface and Coatings Technology, 2013, 237, 284-291.	2.2	12
121	Textured CrN thin coatings enhancing heat transfer in nucleate boiling processes. Surface and Coatings Technology, 2013, 215, 465-471.	2.2	16
122	Determining a critical strain for APS thermal barrier coatings under service relevant loading conditions. International Journal of Fatigue, 2013, 53, 40-48.	2.8	26
123	Material condition tailored to plasma nitriding process for ensuring corrosion and wear resistance of austenitic stainless steel. Surface and Coatings Technology, 2013, 228, S615-S618.	2.2	29
124	General technical approval for curved annealed and curved tempered glass in Germany. , 2013, , 183-188.		0
125	Influence of the layer architecture of DLC coatings on their wear and corrosion resistance. International Journal of Materials Research, 2012, 103, 774-782.	0.1	6
126	Enhancement of nucleate boiling heat transfer by micro-structured chromium nitride surfaces. Journal of Physics: Conference Series, 2012, 395, 012128.	0.3	6

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127	Thermal-barrier coatings for more efficient gas-turbine engines. MRS Bulletin, 2012, 37, 891-898.	1.7	1,079
128	Reliable Qualification of Aluminium Alloys for Chassis Components. ATZ Worldwide, 2012, 114, 52-57.	0.1	2
129	Corrosion Protection of Aluminium in Boiling Coolant. MTZ Worldwide, 2012, 73, 62-68.	0.1	0
130	A local extrapolation based calculation reduction method for the application of constitutive material models for creep fatigue assessment. International Journal of Fatigue, 2012, 44, 253-259.	2.8	36
131	Experimental Investigation of Nucleate Boiling on a Thermal Capacitive Heater Under Variable Gravity Conditions. Microgravity Science and Technology, 2012, 24, 139-146.	0.7	29
132	Liquid Metal Induced Crack Formation in Molten Zinc â€“ a Damage Mechanism Driven by Diffusion and Stress. Praktische Metallographie/Practical Metallography, 2012, 49, 698-707.	0.1	2
133	The effect of layer structure on corrosion and erosion resistance of thin PVD multilayer films. International Journal of Materials Research, 2011, 102, 1014-1020.	0.1	14
134	Evaluation of property scatter of Ni-base alloy in 738 LC. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 4676-4682.	2.6	6
135	Characterization of Fatigue Mechanisms of Thermal Barrier Coatings by a Novel Laser-Based Test. Journal of Engineering for Gas Turbines and Power, 1999, 121, 259-264.	0.5	6
136	Title is missing!. International Journal of Fracture, 1998, 92, 213-220.	1.1	118
137	Characterization of Fatigue Mechanisms of Thermal Barrier Coatings by a Novel Laser-Based Test. , 1998, , .		2
138	Crack Bifurcation in Laminar Ceramic Composites. Journal of the American Ceramic Society, 1996, 79, 1834-1838.	1.9	110
139	Sensitivity of material data for simulation of the exothermal curing process for epoxy-resin impregnated coils. , 0, , .		3
140	Influence of Load Signal Form and Variable Amplitude Loading on the Corrosion Fatigue Behaviour of Aluminium Alloys. Advanced Materials Research, 0, 891-892, 217-223.	0.3	2
141	Influence of Machine Hammer Peening on the Tribology of Sheet Forming. Advanced Materials Research, 0, 966-967, 397-405.	0.3	6
142	Influence of Frequency and Testing Technique on the Fatigue Behaviour of Quenched and Tempered Steel in the VHCF-Regime. Advanced Materials Research, 0, 891-892, 1430-1435.	0.3	3
143	VHCF Strength of Helical Compression Springs - Influence of Heat Treatment Temperature before Shot Peening. Key Engineering Materials, 0, 664, 140-149.	0.4	0