

Ru Lin Peng

List of Publications by Year in descending order

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137
papers

3,417
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136950

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2592
citing authors

#	ARTICLE	IF	CITATIONS
1	A new approach for determining GND and SSD densities based on indentation size effect: An application to additive-manufactured Hastelloy X. <i>Journal of Materials Science and Technology</i> , 2022, 96, 295-307.	10.7	34
2	Shear banding-induced ϵ -slip enables unprecedented strength-ductility combination of laminated metallic composites. <i>Journal of Materials Science and Technology</i> , 2022, 110, 260-268.	10.7	9
3	A study of the influence of novel scan strategies on residual stress and microstructure of L-shaped LPBF IN718 samples. <i>Materials and Design</i> , 2022, 214, 110386.	7.0	32
4	Dependence of microstructures on fatigue performance of polycrystals: A comparative study of conventional and additively manufactured 316L stainless steel. <i>International Journal of Plasticity</i> , 2022, 149, 103172.	8.8	29
5	Superior low cycle fatigue property from cell structures in additively manufactured 316L stainless steel. <i>Journal of Materials Science and Technology</i> , 2022, 111, 268-278.	10.7	24
6	Effect of heat treatment temperature on the microstructural evolution of CM247LC superalloy by laser powder bed fusion. <i>Materials Characterization</i> , 2022, 185, 111742.	4.4	11
7	Anisotropic behaviours of LPBF Hastelloy X under slow strain rate tensile testing at elevated temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 844, 143174.	5.6	7
8	Revealing relationships between microstructure and hardening nature of additively manufactured 316L stainless steel. <i>Materials and Design</i> , 2021, 198, 109385.	7.0	97
9	High temperature mechanical integrity of selective laser melted alloy 718 evaluated by slow strain rate tests. <i>International Journal of Plasticity</i> , 2021, 140, 102974.	8.8	16
10	Hot Corrosion Behavior of Micro- and Nanostructured Thermal Barrier Coatings: Conventional Bilayer and Compositionally Graded Layer YSZ. <i>Oxidation of Metals</i> , 2021, 96, 469-486.	2.1	4
11	Low cycle fatigue of additively manufactured thin-walled stainless steel 316L. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 821, 141598.	5.6	23
12	Cyclic response of additive manufactured 316L stainless steel: The role of cell structures. <i>Scripta Materialia</i> , 2021, 205, 114190.	5.2	33
13	Effect of post-processes on the microstructure and mechanical properties of laser powder bed fused IN718 superalloy. <i>Additive Manufacturing</i> , 2021, 48, 102416.	3.0	6
14	Effect of heat treatment on the microstructure characteristics and microhardness of a novel ϵ -nickel-based superalloy by laser powder bed fusion. <i>Results in Materials</i> , 2021, 12, 100232.	1.8	3
15	The iron effect on hot corrosion behaviour of MCrAlX coating in the presence of NaCl at 900°C. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152381.	5.5	20
16	On the Dwell-Fatigue Crack Propagation Behavior of a High-Strength Ni-Base Superalloy Manufactured by Selective Laser Melting. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 962-972.	2.2	10
17	Subsurface grain refinement in electron beam-powder bed fusion of Alloy 718: Surface texture and oxidation performance. <i>Materials Characterization</i> , 2020, 168, 110567.	4.4	19
18	Mapping of residual stresses in as-built Inconel 718 fabricated by laser powder bed fusion: A neutron diffraction study of build orientation influence on residual stresses. <i>Additive Manufacturing</i> , 2020, 36, 101501.	3.0	16

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19	Thin-wall effects and anisotropic deformation mechanisms of an additively manufactured Ni-based superalloy. <i>Additive Manufacturing</i> , 2020, 36, 101672.	3.0	6
20	A Novel β -Strengthened Nickel-Based Superalloy for Laser Powder Bed Fusion. <i>Materials</i> , 2020, 13, 4930.	2.9	14
21	A comparison study of the dwell-fatigue behaviours of additive and conventional IN718: The role of dislocation substructure on the cracking behaviour. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 797, 140072.	5.6	10
22	On the strengthening and embrittlement mechanisms of an additively manufactured Nickel-base superalloy. <i>Materialia</i> , 2020, 10, 100657.	2.7	58
23	Low cycle fatigue behavior and microstructural evolution of nickel-based superalloy M951G at elevated temperatures. <i>Materials Characterization</i> , 2020, 163, 110241.	4.4	17
24	Anisotropic Deformation and Fracture Mechanisms of an Additively Manufactured Ni-Based Superalloy. <i>Minerals, Metals and Materials Series</i> , 2020, , 1003-1013.	0.4	1
25	Short-term creep behavior of an additive manufactured non-weldable Nickel-base superalloy evaluated by slow strain rate testing. <i>Acta Materialia</i> , 2019, 179, 142-157.	7.9	68
26	Comparative Assessment of the Surface Integrity of AD730 [®] and IN718 Superalloys in High-Speed Turning with a CBN Tool. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 73.	2.2	3
27	Thermal barrier coatings: Life model development and validation. <i>Surface and Coatings Technology</i> , 2019, 362, 293-301.	4.8	25
28	Oxidation behavior of a nanostructured compositionally graded layer (CGL) thermal barrier coating (TBC) deposited on IN-738LC. <i>Surface and Coatings Technology</i> , 2019, 374, 374-382.	4.8	13
29	On the dwell-fatigue crack propagation behavior of a high strength superalloy manufactured by electron beam melting. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 760, 448-457.	5.6	18
30	Thermal Cyclic Fatigue Behavior of Nanostructured YSZ/NiCrAlY Compositionally Graded Thermal Barrier Coatings. <i>Oxidation of Metals</i> , 2019, 92, 89-107.	2.1	9
31	Failure mechanism of MCrAlY coating at the coating-substrate interface under type I hot corrosion. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 1593-1600.	1.5	7
32	Effects of surface finish on the initial oxidation of HVOF-sprayed NiCoCrAlY coatings. <i>Surface and Coatings Technology</i> , 2019, 364, 43-56.	4.8	25
33	Fatigue life prediction of thermal barrier coatings using a simplified crack growth model. <i>Journal of the European Ceramic Society</i> , 2019, 39, 1869-1876.	5.7	16
34	Microstructural and textural evolutions in multilayered Ti/Cu composites processed by accumulative roll bonding. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1165-1174.	10.7	42
35	The iron effect on oxidation and interdiffusion behaviour in MCrAlX coated Ni-base superalloys. <i>Materials and Design</i> , 2019, 166, 107599.	7.0	4
36	Influence of YSZ layer thickness on the durability of gadolinium zirconate/YSZ double-layered thermal barrier coatings produced by suspension plasma spray. <i>Surface and Coatings Technology</i> , 2019, 357, 456-465.	4.8	24

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37	Failure of Multilayer Suspension Plasma Sprayed Thermal Barrier Coatings in the Presence of Na ₂ SO ₄ and NaCl at 900°C. Journal of Thermal Spray Technology, 2019, 28, 212-222.	3.1	11
38	Effect of machining parameters on cutting force and surface integrity when high-speed turning AD730 with PCBN tools. International Journal of Advanced Manufacturing Technology, 2019, 100, 2601-2615.	3.0	18
39	Hot Gas Corrosion and its Influence on the Thermal Cycling Performance of Suspension Plasma Spray TBCs. , 2019, , .		0
40	Microstructure and mechanical properties of Inconel 718 produced by selective laser melting: Sample orientation dependence and effects of post heat treatments. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 713, 294-306.	5.6	360
41	Effective X-ray elastic constant of cast iron. Journal of Materials Science, 2018, 53, 2766-2773.	3.7	6
42	Plastic Deformation and Residual Stress in High Speed Turning of AD730 Nickel-based Superalloy with PCBN and WC Tools. Procedia CIRP, 2018, 71, 440-445.	1.9	8
43	Investigation of Element Effect on High-Temperature Oxidation of HVOF NiCoCrAlX Coatings. Coatings, 2018, 8, 129.	2.6	9
44	Influence of Top Coat and Bond Coat Pre-Oxidation on the Corrosion Resistance of Thermal Barrier Coatings in the Presence of SO ₂ . , 2018, , .		1
45	On the formation of microstructural gradients in a nickel-base superalloy during electron beam melting. Materials and Design, 2018, 160, 251-261.	7.0	40
46	Influence of surface grinding on corrosion behavior of ferritic stainless steels in boiling magnesium chloride solution. Materials and Corrosion - Werkstoffe Und Korrosion, 2018, 69, 1560-1571.	1.5	9
47	Modeling subsurface deformation induced by machining of Inconel 718. Machining Science and Technology, 2017, 21, 103-120.	2.5	28
48	Surface characterization of austenitic stainless steel 304L after different grinding operations. International Journal of Mechanical and Materials Engineering, 2017, 12, .	2.2	11
49	ECCI/EBSD and TEM analysis of plastic fatigue damage accumulation responsible for fatigue crack initiation and propagation in VHCF of duplex stainless steels. International Journal of Fatigue, 2017, 100, 251-262.	5.7	20
50	A study of damage evolution in high purity nano TBCs during thermal cycling: A fracture mechanics based modelling approach. Journal of the European Ceramic Society, 2017, 37, 2889-2899.	5.7	44
51	Hot Corrosion Mechanism in Multi-Layer Suspension Plasma Sprayed Gd ₂ Zr ₂ O ₇ /YSZ Thermal Barrier Coatings in the Presence of V ₂ O ₅ + Na ₂ SO ₄ . Journal of Thermal Spray Technology, 2017, 26, 140-149.	3.1	21
52	Microstructure and anisotropic mechanical properties of EBM manufactured Inconel 718 and effects of post heat treatments. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 693, 151-163.	5.6	151
53	Nano-scale characterization of white layer in broached Inconel 718. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 684, 373-384.	5.6	39
54	Comparison of damage evolution during thermal cycling in a high purity nano and a conventional thermal barrier coating. Surface and Coatings Technology, 2017, 332, 47-56.	4.8	20

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55	Improving the lifetime of suspension plasma sprayed thermal barrier coatings. Surface and Coatings Technology, 2017, 332, 550-559.	4.8	23
56	Engineered architectures of gadolinium zirconate based thermal barrier coatings subjected to hot corrosion test. Surface and Coatings Technology, 2017, 328, 361-370.	4.8	22
57	Long-term oxidation of MCrAlY coatings at 1000 °C and an Al-activity based coating life criterion. Surface and Coatings Technology, 2017, 332, 12-21.	4.8	27
58	SCC of 2304 Duplex Stainless Steel—Microstructure, Residual Stress and Surface Grinding Effects. Materials, 2017, 10, 221.	2.9	11
59	Modeling the Diffusion of Minor Elements in Different MCrAlY—Superalloy Coating/Substrates at High Temperature. Minerals, Metals and Materials Series, 2017, , 251-263.	0.4	0
60	Surface Integrity and Fatigue Performance of Inconel 718 in Wire Electrical Discharge Machining. Procedia CIRP, 2016, 45, 307-310.	1.9	31
61	On the conjoint influence of broaching and heat treatment on bending fatigue behavior of Inconel 718. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 671, 158-169.	5.6	11
62	Effect of surface grinding on chloride induced SCC of 304L. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 658, 50-59.	5.6	26
63	A Continuous γ -NiAl Layer Forming at the Interface of a MCrAlY and CMSX-4. Journal of Thermal Spray Technology, 2016, 25, 244-251.	3.1	5
64	Sensitive determination of 4-nitrophenol based on its enhancement of a peroxyoxalate chemiluminescence system containing graphene oxide quantum dots and fluorescein. Mikrochimica Acta, 2016, 183, 1699-1704.	5.0	19
65	Surface integrity of 2304 duplex stainless steel after different grinding operations. Journal of Materials Processing Technology, 2016, 229, 294-304.	6.3	55
66	Corrosion of NiCoCrAlY Coatings and TBC Systems Subjected to Water Vapor and Sodium Sulfate. Journal of Thermal Spray Technology, 2015, 24, 953-964.	3.1	11
67	Stresses and Cracking During Chromia-Spinel-NiO Cluster Formation in TBC Systems. Journal of Thermal Spray Technology, 2015, 24, 1002-1014.	3.1	18
68	Hot corrosion behavior of HVOF-sprayed CoNiCrAlYSi coatings in a sulphate environment. Vacuum, 2015, 122, 47-53.	3.5	41
69	Some aspects of elemental behaviour in HVOF MCrAlY coatings in high-temperature oxidation. Surface and Coatings Technology, 2015, 261, 86-101.	4.8	58
70	Hot corrosion of MCrAlY coatings in sulphate and SO ₂ environment at 900 °C: Is SO ₂ necessarily bad?. Surface and Coatings Technology, 2015, 261, 41-53.	4.8	20
71	Intersplat Oxidation of Atmospheric Plasma Sprayed MCrAlY Coatings. , 2014, , .		1
72	In situ EBSD during tensile test of aluminum AA3003 sheet. Micron, 2014, 58, 15-24.	2.2	22

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73	Fatigue Behaviors in Duplex Stainless Steel Studied Using In-situ SEM/EBSD Method. , 2014, 3, 1748-1753.		12
74	Analysis of Subsurface Microstructure and Residual Stresses in Machined Inconel 718 with PCBN and Al ₂ O ₃ -SiCw Tools. Procedia CIRP, 2014, 13, 150-155.	1.9	48
75	MCrAlY coating design based on oxidation-diffusion modelling. Part II: Lifting aspects. Surface and Coatings Technology, 2014, 253, 27-37.	4.8	39
76	MCrAlY coating design based on oxidation-diffusion modelling. Part I: Microstructural evolution. Surface and Coatings Technology, 2014, 254, 79-96.	4.8	33
77	Effect of thermal exposure on microstructure and nano-hardness of broached Inconel 718. MATEC Web of Conferences, 2014, 14, 08002.	0.2	8
78	Simulation of oxidation-nitridation-induced microstructural degradation in a cracked Ni-based superalloy at high temperature. MATEC Web of Conferences, 2014, 14, 16004.	0.2	3
79	Influence of Ru, Mo and Ir on the Behavior of Ni-Based MCrAlY Coatings in High Temperature Oxidation. , 2014, , .		0
80	Damage Analysis of a Retired Gas Turbine Disc. , 2014, , 405-410.		1
81	Deformation mechanisms of a 20Mn TWIP steel investigated by in situ neutron diffraction and TEM. Acta Materialia, 2013, 61, 6093-6106.	7.9	87
82	Modeling of microstructural evolution and lifetime prediction of MCrAlY coatings on nickel based superalloys during high temperature oxidation. Surface and Coatings Technology, 2013, 232, 204-215.	4.8	75
83	Influence of Dry Cut and Tool Wear on Residual Stresses in High Speed Machining of Nickel-Based Superalloy. Materials Science Forum, 2013, 768-769, 470-477.	0.3	4
84	Influence of Shot Peening Parameters on Residual Stresses in Flake and Vermicular Cast Irons. Materials Science Forum, 2013, 768-769, 534-541.	0.3	11
85	Graphite Morphology's Influence on Shot Peening Results in Cast Irons. Materials Science Forum, 2013, 768-769, 542-549.	0.3	4
86	Residual stresses in surface layer after dry and MQL turning of AISI 316L steel. Production Engineering, 2012, 6, 367-374.	2.3	35
87	An approach in prediction of failure in resistance spot welded aluminum 6061-T6 under quasi-static tensile test. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 1026-1032.	2.4	16
88	EBSD investigation of the effect of the solidification rate on the nucleation behavior of eutectic components in a hypoeutectic Al-Si-Cu alloy. Metals and Materials International, 2012, 18, 405-411.	3.4	7
89	Local plasticity exhaustion in a very high cycle fatigue regime. Scripta Materialia, 2012, 66, 769-772.	5.2	47
90	Al ₂ O ₃ nanoparticle reinforced Fe-based alloys synthesized by thermite reaction. Journal of Materials Science, 2012, 47, 3585-3591.	3.7	4

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91	Effects of Tool Wear on Subsurface Deformation of Nickel-based Superalloy. <i>Procedia Engineering</i> , 2011, 19, 407-413.	1.2	64
92	Localized amorphism after high-strain-rate deformation in TWIP steel. <i>Acta Materialia</i> , 2011, 59, 6369-6377.	7.9	64
93	Self-consistent modeling of rolling textures in an austenitic-ferritic duplex steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 3615-3624.	5.6	8
94	<i>In-Situ</i> Neutron Diffraction Study of the Deformation Behaviour of Two High-Manganese Austenitic Steels. <i>Materials Science Forum</i> , 2011, 681, 474-479.	0.3	5
95	Micromechanical behavior and texture evolution of duplex stainless steel studied by neutron diffraction and self-consistent modeling. <i>Acta Materialia</i> , 2008, 56, 782-793.	7.9	107
96	Direct experimental mapping of microscale deformation heterogeneity in duplex stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 491, 425-433.	5.6	49
97	Micromechanical interactions in a superduplex stainless steel subjected to low cycle fatigue loading. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2008, 31, 892-901.	3.4	8
98	Micromechanical behaviors of duplex steel: <i>in situ</i> neutron diffraction measurements and simulations. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104259.	1.8	9
99	Direct evidence of detwinning in polycrystalline Ni-Mn-Ga ferromagnetic shape memory alloys during deformation. <i>Journal of Applied Physics</i> , 2008, 104, 103519.	2.5	9
100	A study of the generation and creep relaxation of triaxial residual stresses in stainless steel. <i>International Journal of Solids and Structures</i> , 2007, 44, 3004-3020.	2.7	26
101	Interactions between the phase stress and the grain-orientation-dependent stress in duplex stainless steel during deformation. <i>Acta Materialia</i> , 2006, 54, 3907-3916.	7.9	54
102	In Situ X-Ray Diffraction Study of Load Partitioning and Microyielding for the Super Duplex Stainless Steel SAF2507 (UNS S32750). <i>Materials Science Forum</i> , 2006, 524-525, 847-852.	0.3	6
103	On the Development of Grain-Orientation-Dependent and Inter-Phase Stresses in a Super Duplex Stainless Steel under Uniaxial Loading. <i>Materials Science Forum</i> , 2006, 524-525, 917-922.	0.3	4
104	Textures and compressive properties of ferromagnetic shape-memory alloy Ni ₄₈ Mn ₂₅ Ga ₂₂ Co ₅ prepared by isothermal forging process. <i>Journal of Materials Research</i> , 2006, 21, 691-697.	2.6	18
105	Measurement and modelling of residual stresses in straightened commercial eutectoid steel rods. <i>Acta Materialia</i> , 2005, 53, 4415-4425.	7.9	27
106	Grain-to-Grain Stress Interactions in an Electrodeposited Iron Coating. <i>Advanced Materials</i> , 2005, 17, 1221-1226.	21.0	17
107	Crystal structures and textures of hot forged Ni ₄₈ Mn ₃₀ Ga ₂₂ alloy investigated by neutron diffraction technique. <i>Materials Science and Technology</i> , 2005, 21, 1412-1416.	1.6	22
108	Determination of Grain-Orientation-Dependent Stress in Coatings. <i>Solid State Phenomena</i> , 2005, 105, 107-112.	0.3	0

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109	Textures and Local Textures in Severely Cold-Rolled and Annealed Ultra-Fine-Grained FeCo Alloy. Materials Science Forum, 2005, 495-497, 731-736.	0.3	5
110	Residual Stress Analysis in Both As-Deposited and Annealed CrN Coatings. Materials Science Forum, 2005, 490-491, 643-648.	0.3	3
111	Residual Stresses Induced by Laser FreeForm Fabrication. Materials Science Forum, 2005, 490-491, 334-339.	0.3	0
112	Improving the Strength and Ductility of Magnesium Alloys by Grain Refinement and Texture Modification. Materials Science Forum, 2005, 488-489, 177-180.	0.3	3
113	Crystal structure and phase transformation in Ni ₅₃ Mn ₂₅ Ga ₂₂ shape memory alloy from 20Kto473K. Applied Physics Letters, 2005, 87, 111906.	3.3	44
114	Residual stress profiling in the ferrite and cementite phases of cold-drawn steel rods by synchrotron X-ray and neutron diffraction. Acta Materialia, 2004, 52, 5303-5313.	7.9	81
115	Determination of the stress orientation distribution function using pulsed neutron sources. Journal of Applied Crystallography, 2003, 36, 14-22.	4.5	28
116	Strain and texture analysis of coatings using high-energy x-rays. Journal of Applied Physics, 2003, 94, 697-702.	2.5	103
117	Effect of Plastic Deformation on the Microscopic Residual Stresses in 6061Al-15vol%SiC_w. Composites. Materials Science Forum, 2003, 426-432, 2193-2198.	0.3	3
118	Residual Stresses in a Nickel-Based Superalloy Introduced by Turning. Materials Science Forum, 2002, 404-407, 173-178.	0.3	36
119	Studies of residual stress, microcracks, hardness and microstructure of cold compacted metallic green bodies. Materials Research Society Symposia Proceedings, 2002, 759, 1.	0.1	0
120	Residual stress in clinched joints of metals. Applied Physics A: Materials Science and Processing, 2002, 74, s1440-s1442.	2.3	12
121	Intergranular strains and plastic deformation of an austenitic stainless steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 334, 215-222.	5.6	29
122	Grain-orientation-dependent residual stress and the effect of annealing in cold-rolled stainless steel. Acta Materialia, 2002, 50, 1717-1734.	7.9	96
123	A novel method for constructing the mean field of grain-orientation-dependent residual stress. Philosophical Magazine Letters, 2001, 81, 153-163.	1.2	39
124	Monte Carlo simulation of a reactor-based neutron strain scanning diffractometer. Journal of Applied Crystallography, 2001, 34, 613-624.	4.5	3
125	Neutron strain scanning in bimetallic tubes: experimental and Monte Carlo simulation results. Physica B: Condensed Matter, 2000, 276-278, 907-908.	2.7	0
126	Stress-Orientation Distribution Function (SODF) - Description, Symmetry and Determination. Materials Science Forum, 2000, 347-349, 66-73.	0.3	7

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127	Analysis of Residual Stress Development during Thermal Processing of AL-SI Alloys. Materials Science Forum, 0, 681, 358-363.	0.3	0
128	Experimental Study of the Micromechanical Behaviour of Duplex Stainless Steel SAF 2507 and the Influence of Nitrogen Content. Materials Science Forum, 0, 681, 516-521.	0.3	2
129	Identification of Subsurface Deformation in Machining of Inconel 718. Applied Mechanics and Materials, 0, 117-119, 1681-1688.	0.2	7
130	Microstructure-Based Life Prediction of Thermal Barrier Coatings. Key Engineering Materials, 0, 592-593, 413-416.	0.4	1
131	Advanced Microstructure Studies of an Austenitic Material Using EBSD in Elevated Temperature & In Situ Tensile Testing in SEM. Key Engineering Materials, 0, 592-593, 497-500.	0.4	0
132	Micro Fatigue Crack Propagation Behavior in a Duplex Stainless Steel Studied Using In Situ SEM/EBSD Method. Advanced Materials Research, 0, 891-892, 313-318.	0.3	3
133	Analysis of Thermal Effect on Residual Stresses of Broached Inconel 718. Advanced Materials Research, 0, 996, 574-579.	0.3	15
134	Life Prediction of High-Temperature CrAlY Coatings Based on Microstructural Observations. Advanced Materials Research, 0, 922, 143-148.	0.3	1
135	Influence of Layer Removal Methods in Residual Stress Profiling of a Shot Peened Steel Using X-Ray Diffraction. Advanced Materials Research, 0, 996, 175-180.	0.3	12
136	Fatigue Strength of Machined and Shot Peened Grey Cast Iron. Advanced Materials Research, 0, 891-892, 30-35.	0.3	2
137	On the Strengthening and Embrittlement Mechanisms of an Additively Manufactured Nickel-Base Superalloy. SSRN Electronic Journal, 0, , .	0.4	0