

Ru Lin Peng

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical properties of Inconel 718 produced by selective laser melting: Sample orientation dependence and effects of post heat treatments. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 713, 294-306.	5.6	360
2	Microstructure and anisotropic mechanical properties of EBM manufactured Inconel 718 and effects of post heat treatments. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 693, 151-163.	5.6	151
3	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
4	Strain and texture analysis of coatings using high-energy x-rays. <i>Journal of Applied Physics</i> , 2003, 94, 697-702.	2.5	103
5	Revealing relationships between microstructure and hardening nature of additively manufactured 316L stainless steel. <i>Materials and Design</i> , 2021, 198, 109385.	7.0	97
6	Grain-orientation-dependent residual stress and the effect of annealing in cold-rolled stainless steel. <i>Acta Materialia</i> , 2002, 50, 1717-1734.	7.9	96
7	Deformation mechanisms of a 20Mn TWIP steel investigated by in situ neutron diffraction and TEM. <i>Acta Materialia</i> , 2013, 61, 6093-6106.	7.9	87
8	Residual stress profiling in the ferrite and cementite phases of cold-drawn steel rods by synchrotron X-ray and neutron diffraction. <i>Acta Materialia</i> , 2004, 52, 5303-5313.	7.9	81
9	Modeling of microstructural evolution and lifetime prediction of MCrAlY coatings on nickel based superalloys during high temperature oxidation. <i>Surface and Coatings Technology</i> , 2013, 232, 204-215.	4.8	75
10	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
11	Effects of Tool Wear on Subsurface Deformation of Nickel-based Superalloy. <i>Procedia Engineering</i> , 2011, 19, 407-413.	1.2	64
12	Localized amorphism after high-strain-rate deformation in TWIP steel. <i>Acta Materialia</i> , 2011, 59, 6369-6377.	7.9	64
13	Some aspects of elemental behaviour in HVOF MCrAlY coatings in high-temperature oxidation. <i>Surface and Coatings Technology</i> , 2015, 261, 86-101.	4.8	58
14	On the strengthening and embrittlement mechanisms of an additively manufactured Nickel-base superalloy. <i>Materialia</i> , 2020, 10, 100657.	2.7	58
15	Surface integrity of 2304 duplex stainless steel after different grinding operations. <i>Journal of Materials Processing Technology</i> , 2016, 229, 294-304.	6.3	55
16	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
17	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
18	Analysis of Subsurface Microstructure and Residual Stresses in Machined Inconel 718 with PCBN and Al ₂ O ₃ -SiC _w Tools. <i>Procedia CIRP</i> , 2014, 13, 150-155.	1.9	48

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19	Local plasticity exhaustion in a very high cycle fatigue regime. Scripta Materialia, 2012, 66, 769-772.	5.2	47
20	Crystal structure and phase transformation in Ni53Mn25Ga22 shape memory alloy from 20Kto473K. Applied Physics Letters, 2005, 87, 111906.	3.3	44
21	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
22	Microstructural and textural evolutions in multilayered Ti/Cu composites processed by accumulative roll bonding. Journal of Materials Science and Technology, 2019, 35, 1165-1174.	10.7	42
23	Hot corrosion behavior of HVOF-sprayed CoNiCrAlYSi coatings in a sulphate environment. Vacuum, 2015, 122, 47-53.	3.5	41
24	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
25	A novel method for constructing the mean field of grain-orientation-dependent residual stress. Philosophical Magazine Letters, 2001, 81, 153-163.	1.2	39
26	MCrAlY coating design based on oxidation-diffusion modelling. Part II: Lifing aspects. Surface and Coatings Technology, 2014, 253, 27-37.	4.8	39
27	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
28	Residual Stresses in a Nickel-Based Superalloy Introduced by Turning. Materials Science Forum, 2002, 404-407, 173-178.	0.3	36
29	Residual stresses in surface layer after dry and MQL turning of AISI 316L steel. Production Engineering, 2012, 6, 367-374.	2.3	35
30	A new approach for determining GND and SSD densities based on indentation size effect: An application to additive-manufactured Hastelloy X. Journal of Materials Science and Technology, 2022, 96, 295-307.	10.7	34
31	MCrAlY coating design based on oxidation-diffusion modelling. Part I: Microstructural evolution. Surface and Coatings Technology, 2014, 254, 79-96.	4.8	33
32	Cyclic response of additive manufactured 316L stainless steel: The role of cell structures. Scripta Materialia, 2021, 205, 114190.	5.2	33
33	A study of the influence of novel scan strategies on residual stress and microstructure of L-shaped LPBF IN718 samples. Materials and Design, 2022, 214, 110386.	7.0	32
34	Surface Integrity and Fatigue Performance of Inconel 718 in Wire Electrical Discharge Machining. Procedia CIRP, 2016, 45, 307-310.	1.9	31
35	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
36	Dependence of microstructures on fatigue performance of polycrystals: A comparative study of conventional and additively manufactured 316L stainless steel. International Journal of Plasticity, 2022, 149, 103172.	8.8	29

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37	Determination of the stress orientation distribution function using pulsed neutron sources. Journal of Applied Crystallography, 2003, 36, 14-22.	4.5	28
38	Modeling subsurface deformation induced by machining of Inconel 718. Machining Science and Technology, 2017, 21, 103-120.	2.5	28
39	Measurement and modelling of residual stresses in straightened commercial eutectoid steel rods. Acta Materialia, 2005, 53, 4415-4425.	7.9	27
40	Long-term oxidation of MCrAlY coatings at 1000 Å°C and an Al-activity based coating life criterion. Surface and Coatings Technology, 2017, 332, 12-21.	4.8	27
41	A study of the generation and creep relaxation of triaxial residual stresses in stainless steel. International Journal of Solids and Structures, 2007, 44, 3004-3020.	2.7	26
42	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
43	Thermal barrier coatings: Life model development and validation. Surface and Coatings Technology, 2019, 362, 293-301.	4.8	25
44	Effects of surface finish on the initial oxidation of HVOF-sprayed NiCoCrAlY coatings. Surface and Coatings Technology, 2019, 364, 43-56.	4.8	25
45	Influence of YSZ layer thickness on the durability of gadolinium zirconate/YSZ double-layered thermal barrier coatings produced by suspension plasma spray. Surface and Coatings Technology, 2019, 357, 456-465.	4.8	24
46	Superior low cycle fatigue property from cell structures in additively manufactured 316L stainless steel. Journal of Materials Science and Technology, 2022, 111, 268-278.	10.7	24
47	Improving the lifetime of suspension plasma sprayed thermal barrier coatings. Surface and Coatings Technology, 2017, 332, 550-559.	4.8	23
48	Low cycle fatigue of additively manufactured thin-walled stainless steel 316L. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 821, 141598.	5.6	23
49	Crystal structures and textures of hot forged Ni48Mn30Ga22 alloy investigated by neutron diffraction technique. Materials Science and Technology, 2005, 21, 1412-1416.	1.6	22
50	In situ EBSD during tensile test of aluminum AA3003 sheet. Micron, 2014, 58, 15-24.	2.2	22
51	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
52	Hot Corrosion Mechanism in Multi-Layer Suspension Plasma Sprayed Gd2Zr2O7 /YSZ Thermal Barrier Coatings in the Presence of V2O5 + Na2SO4. Journal of Thermal Spray Technology, 2017, 26, 140-149.	3.1	21
53	Hot corrosion of MCrAlY coatings in sulphate and SO 2 environment at 900 Å°C: Is SO 2 necessarily bad?. Surface and Coatings Technology, 2015, 261, 41-53.	4.8	20
54	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

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55	Comparison of damage evolution during thermal cycling in a high purity nano and a conventional thermal barrier coating. <i>Surface and Coatings Technology</i> , 2017, 332, 47-56.	4.8	20
56	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
57	Sensitive determination of 4-nitrophenol based on its enhancement of a peroxyoxalate chemiluminescence system containing graphene oxide quantum dots and fluorescein. <i>Mikrochimica Acta</i> , 2016, 183, 1699-1704.	5.0	19
58	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
59	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
60	Stresses and Cracking During Chromia-Spinel-NiO Cluster Formation in TBC Systems. <i>Journal of Thermal Spray Technology</i> , 2015, 24, 1002-1014.	3.1	18
61	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
62	Effect of machining parameters on cutting force and surface integrity when high-speed turning AD730 with PCBN tools. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 100, 2601-2615.	3.0	18
63	Grain-to-Grain Stress Interactions in an Electrodeposited Iron Coating. <i>Advanced Materials</i> , 2005, 17, 1221-1226.	21.0	17
64	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
65	An approach in prediction of failure in resistance spot welded aluminum 6061-T6 under quasi-static tensile test. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2012, 226, 1026-1032.	2.4	16
66	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
67	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
68	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
69	Analysis of Thermal Effect on Residual Stresses of Broached Inconel 718. <i>Advanced Materials Research</i> , 0, 996, 574-579.	0.3	15
70	A Novel β -Strengthened Nickel-Based Superalloy for Laser Powder Bed Fusion. <i>Materials</i> , 2020, 13, 4930.	2.9	14
71	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
72	Residual stress in clinched joints of metals. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1440-s1442.	2.3	12

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73	Influence of Layer Removal Methods in Residual Stress Profiling of a Shot Peened Steel Using X-Ray Diffraction. <i>Advanced Materials Research</i> , 0, 996, 175-180.	0.3	12
74	Fatigue Behaviors in Duplex Stainless Steel Studied Using In-situ SEM/EBSD Method. , 2014, 3, 1748-1753.		12
75	Influence of Shot Peening Parameters on Residual Stresses in Flake and Vermicular Cast Irons. <i>Materials Science Forum</i> , 2013, 768-769, 534-541.	0.3	11
76	Corrosion of NiCoCrAlY Coatings and TBC Systems Subjected to Water Vapor and Sodium Sulfate. <i>Journal of Thermal Spray Technology</i> , 2015, 24, 953-964.	3.1	11
77	On the conjoint influence of broaching and heat treatment on bending fatigue behavior of Inconel 718. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 671, 158-169.	5.6	11
78	Surface characterization of austenitic stainless steel 304L after different grinding operations. <i>International Journal of Mechanical and Materials Engineering</i> , 2017, 12, .	2.2	11
79	SCC of 2304 Duplex Stainless Steel – Microstructure, Residual Stress and Surface Grinding Effects. <i>Materials</i> , 2017, 10, 221.	2.9	11
80	Failure of Multilayer Suspension Plasma Sprayed Thermal Barrier Coatings in the Presence of Na ₂ SO ₄ and NaCl at 900°C. <i>Journal of Thermal Spray Technology</i> , 2019, 28, 212-222.	3.1	11
81	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
82	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
83	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
84	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
85	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
86	Investigation of Element Effect on High-Temperature Oxidation of HVOF NiCoCrAlX Coatings. <i>Coatings</i> , 2018, 8, 129.	2.6	9
87	Influence of surface grinding on corrosion behavior of ferritic stainless steels in boiling magnesium chloride solution. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2018, 69, 1560-1571.	1.5	9
88	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
89	Shear banding-induced ϵ -c+a% 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
90	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

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91	Self-consistent modeling of rolling textures in an austenitic-ferritic duplex steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 3615-3624.	5.6	8
92	Effect of thermal exposure on microstructure and nano-hardness of broached Inconel 718. MATEC Web of Conferences, 2014, 14, 08002.	0.2	8
93	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
94	Stress-Orientation Distribution Function (SODF) - Description, Symmetry and Determination. Materials Science Forum, 2000, 347-349, 66-73.	0.3	7
95	Identification of Subsurface Deformation in Machining of Inconel 718. Applied Mechanics and Materials, 0, 117-119, 1681-1688.	0.2	7
96	EBSID 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
97	Failure mechanism of MCrAlY coating at the coating-substrate interface under type I hot corrosion. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 1593-1600.	1.5	7
98	Anisotropic behaviours of LPBF Hastelloy X under slow strain rate tensile testing at elevated temperature. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 844, 143174.	5.6	7
99	In Situ X-Ray Diffraction Study of Load Partitioning and Microyielding for the Super Duplex Stainless Steel SAF2507 (UNS S32750). Materials Science Forum, 2006, 524-525, 847-852.	0.3	6
100	Effective X-ray elastic constant of cast iron. Journal of Materials Science, 2018, 53, 2766-2773.	3.7	6
101	Thin-wall effects and anisotropic deformation mechanisms of an additively manufactured Ni-based superalloy. Additive Manufacturing, 2020, 36, 101672.	3.0	6
102	Effect of post-processes on the microstructure and mechanical properties of laser powder bed fused IN718 superalloy. Additive Manufacturing, 2021, 48, 102416.	3.0	6
103	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
104	<i>In-Situ</i> Neutron Diffraction Study of the Deformation Behaviour of Two High-Manganese Austenitic Steels. Materials Science Forum, 2011, 681, 474-479.	0.3	5
105	A Continuous $\hat{\gamma}$ -NiAl Layer Forming at the Interface of a MCrAlY and CMSX-4. Journal of Thermal Spray Technology, 2016, 25, 244-251.	3.1	5
106	On the Development of Grain-Orientation-Dependent and Inter-Phase Stresses in a Super Duplex Stainless Steel under Uniaxial Loading. Materials Science Forum, 2006, 524-525, 917-922.	0.3	4
107	Al ₂ O ₃ nanoparticle reinforced Fe-based alloys synthesized by thermite reaction. Journal of Materials Science, 2012, 47, 3585-3591.	3.7	4
108	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

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109	Graphite Morphology's Influence on Shot Peening Results in Cast Irons. Materials Science Forum, 2013, 768-769, 542-549.	0.3	4
110	The iron effect on oxidation and interdiffusion behaviour in MCrAlX coated Ni-base superalloys. Materials and Design, 2019, 166, 107599.	7.0	4
111	Hot Corrosion Behavior of Micro- and Nanostructured Thermal Barrier Coatings: Conventional Bilayer and Compositionally Graded Layer YSZ. Oxidation of Metals, 2021, 96, 469-486.	2.1	4
112	Monte Carlo simulation of a reactor-based neutron strain scanning diffractometer. Journal of Applied Crystallography, 2001, 34, 613-624.	4.5	3
113	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
114	Residual Stress Analysis in Both As-Deposited and Annealed CrN Coatings. Materials Science Forum, 2005, 490-491, 643-648.	0.3	3
115	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
116	Micro Fatigue Crack Propagation Behavior in a Duplex Stainless Steel Studied Using <i>i</i>In Situ</i> SEM/EBSD Method. Advanced Materials Research, 0, 891-892, 313-318.	0.3	3
117	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
118	Comparative Assessment of the Surface Integrity of AD730 [®] and IN718 Superalloys in High-Speed Turning with a CBN Tool. Journal of Manufacturing and Materials Processing, 2019, 3, 73.	2.2	3
119	Effect of heat treatment on the microstructure characteristics and microhardness of a novel γ -nickel-based superalloy by laser powder bed fusion. Results in Materials, 2021, 12, 100232.	1.8	3
120	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
121	Fatigue Strength of Machined and Shot Peened Grey Cast Iron. Advanced Materials Research, 0, 891-892, 30-35.	0.3	2
122	Microstructure-Based Life Prediction of Thermal Barrier Coatings. Key Engineering Materials, 0, 592-593, 413-416.	0.4	1
123	Life Prediction of High-Temperature MCrAlY Coatings Based on Microstructural Observations. Advanced Materials Research, 0, 922, 143-148.	0.3	1
124	Intersplat Oxidation of Atmospheric Plasma Sprayed MCrAlY Coatings. , 2014, , .		1
125	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
126	Damage Analysis of a Retired Gas Turbine Disc. , 2014, , 405-410.		1

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127	Anisotropic Deformation and Fracture Mechanisms of an Additively Manufactured Ni-Based Superalloy. Minerals, Metals and Materials Series, 2020, , 1003-1013.	0.4	1
128	Neutron strain scanning in bimetallic tubes: experimental and Monte Carlo simulation results. Physica B: Condensed Matter, 2000, 276-278, 907-908.	2.7	0
129	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
130	Determination of Grain-Orientation-Dependent Stress in Coatings. Solid State Phenomena, 2005, 105, 107-112.	0.3	0
131	Residual Stresses Induced by Laser FreeForm Fabrication. Materials Science Forum, 2005, 490-491, 334-339.	0.3	0
132	Analysis of Residual Stress Development during Thermal Processing of AL-SI Alloys. Materials Science Forum, 0, 681, 358-363.	0.3	0
133	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
134	Influence of Ru, Mo and Ir on the Behavior of Ni-Based MCrAlY Coatings in High Temperature Oxidation. , 2014, , .		0
135	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
136	Hot Gas Corrosion and its Influence on the Thermal Cycling Performance of Suspension Plasma Spray TBCs. , 2019, , .		0
137	On the Strengthening and Embrittlement Mechanisms of an Additively Manufactured Nickel-Base Superalloy. SSRN Electronic Journal, 0, , .	0.4	0