Hanlin Peng

List of Publications by Year
in descending order

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16	308	933447 10	1058476 14
papers	citations	h-index	g-index

16	16	16	162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stress-state-dependent deformation and fracture behaviors in a cold-rolled 7Mn steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 831, 142102.	5.6	4
2	Superior strength-ductility synergy in a novel tailored nanoparticles-strengthened medium-entropy alloy. Scripta Materialia, 2022, 207, 114278.	5.2	31
3	Optimization of the microstructure and mechanical properties of electron beam welded high-strength medium-entropy alloy (NiCoCr)94Al3Ti3. Intermetallics, 2022, 141, 107439.	3.9	10
4	Dissimilar electron beam welding of the medium-entropy alloy (NiCoCr)94Al3Ti3 to 304 stainless steel. Scripta Materialia, 2022, 214, 114659.	5.2	14
5	Microstructures and deformation mechanisms of the medium-entropy alloy (NiCoCr)76(Ni6AlTi)3. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 849, 143449.	5.6	8
6	Nano-Mechanical Properties and Creep Behavior of Ti6Al4V Fabricated by Powder Bed Fusion Electron Beam Additive Manufacturing. Materials, 2021, 14, 3004.	2.9	7
7	Study on high-strength high-N austenitic stainless steel prepared by spark plasma sintering. Journal of Physics: Conference Series, 2021, 2044, 012041.	0.4	0
8	On the correlation between L12 nanoparticles and mechanical properties of (NiCo)52+2x(AlTi)4+2xFe29-4xCr15 (x=0-4) high-entropy alloys. Journal of Alloys and Compounds, 2020, 817, 152750.	5.5	34
9	Ripening of L12 nanoparticles and their effects on mechanical properties of Ni28Co28Fe21Cr15Al4Ti4 high-entropy alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 772, 138803.	5.6	53
10	Microstructural Evolution, Behavior of Precipitates, and Mechanical Properties of Powder Metallurgical High-Speed Steel S390 During Tempering. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 874-883.	2.2	15
11	Investigation on the blanking properties of thin multi-layer electrode of lithium-ion battery. Journal of Physics and Chemistry of Solids, 2019, 134, 14-20.	4.0	4
12	Characterization of high-strength highâ€‘nitrogen austenitic stainless steel synthesized from nitrided powders by spark plasma sintering. Materials Characterization, 2019, 152, 76-84.	4.4	33
13	Effects of austenitizing temperature on microstructure and mechanical property of a 4-GPa-grade PM high-speed steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 719, 21-26.	5.6	31
14	Evolution of the microstructure and mechanical properties of powder metallurgical high-speed steel S390 after heat treatment. Journal of Alloys and Compounds, 2018, 740, 766-773.	5.5	42
15	The evolution of microstructure and micro-mechanical properties in the repeatedly renovated QHZ punch in fine-blanking. Journal of Materials Processing Technology, 2018, 254, 201-212.	6.3	4
16	Microstructure and Properties of Porous High-N Ni-Free Austenitic Stainless Steel Fabricated by Powder Metallurgical Route. Materials, 2018, 11, 1058.	2.9	18