Ying Han

List of Publications by Year
in descending order

28	721	933447 10	526287 27
papers	citations	h-index	g-index

28	28	28	677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Achieving Superior Strength and Ductility of AlSi10Mg Alloy Fabricated by Selective Laser Melting with Large Laser Power and High Scanning Speed. Acta Metallurgica Sinica (English Letters), 2022, 35, 1665-1672.	2.9	11
2	Microstructure and Mechanical Properties of Powder Metallurgical TiAl-Based Alloy Made by Micron Bimodal-Sized Powders. Journal of Materials Engineering and Performance, 2021, 30, 269-280.	2.5	5
3	High-Temperature Creep Behavior and Microstructural Evolution of a Cu-Nb Co-Alloyed Ferritic Heat-Resistant Stainless Steel. Acta Metallurgica Sinica (English Letters), 2021, 34, 789-801.	2.9	4
4	Precipitation of Cu- and Nb-rich phases and its strengthening effect in 17Cr ferritic stainless steel during high-temperature creep process. Materials Characterization, 2021, 179, 111346.	4.4	10
5	Creep behaviour of equiaxed fine-grain Î³-TiAl-based alloy prepared by powder metallurgy. Materials Science and Technology, 2020, 36, 1457-1464.	1.6	5
6	High-Temperature Oxidation Behavior of a Cu-Bearing 17Cr Ferritic Stainless Steel. Scanning, 2020, 2020, 1-11.	1.5	2
7	Impact of refractive index increment on the determination of molecular weight of hyaluronic acid by muti-angle laser light-scattering technique. Scientific Reports, 2020, 10, 1858.	3.3	7
8	Computational characterization of halogen vapor attachment, diffusion and desorption processes in zeolitic imidazolate framework-8. Scientific Reports, 2020, 10, 3010.	3.3	0
9	Influence of Aging Time on Microstructure and Corrosion Behavior of a Cu-Bearing 17Crâ€“1Siâ€“0.5Nb Ferritic Heat-Resistant Stainless Steel. Acta Metallurgica Sinica (English Letters), 2020, 33, 1289-1301.	2.9	5
10	Tensile Properties and Microstructural Evolution of an Al-Bearing Ferritic Stainless Steel at Elevated Temperatures. Metals, 2020, 10, 86.	2.3	7
11	Flow Characteristics of a Mediumâ€“High Carbon Mn-Si-Cr Alloyed Steel at High Temperatures. Journal of Materials Engineering and Performance, 2019, 28, 5104-5115.	2.5	9
12	High temperature oxidation behavior of a high Al-containing ferritic heat-resistant stainless steel. Materials Characterization, 2018, 136, 435-443.	4.4	43
13	Tuning the Friction of Silicon Surfaces Using Nanopatterns at the Nanoscale. Coatings, 2018, 8, 7.	2.6	8
14	Effect of depositionÂtimes of $$hbox {Al}_{2}hbox {O}_{3}$$ Al 2 O 3 buffer layer on the structural and optical properties. Bulletin of Materials Science, 2018, 41, 1.	1.7	1
15	Strengthening versus Softening of Nanotwinned Copper Depending on Prestress and Twin Spacing. Metals, 2018, 8, 344.	2.3	6
16	Isothermal Transformation of a Commercial Super-Bainitic Steel: Part I Microstructural Characterization and Hardness. Journal of Materials Engineering and Performance, 2017, 26, 472-477.	2.5	4
17	Hot Workability of the as-Cast 21Cr Economical Duplex Stainless Steel Through Processing Map and Microstructural Studies Using Different Instability Criteria. Acta Metallurgica Sinica (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.8	13
18	Microstructure, Hardness, and Corrosion Behavior of TiC-Duplex Stainless Steel Composites Fabricated by Spark Plasma Sintering. Journal of Materials Engineering and Performance, 2017, 26, 4056-4063.	2.5	10

#	Article	IF	Citations
19	Hot Deformation and Processing Window Optimization of a 70MnSiCrMo Carbide-Free Bainitic Steel. Materials, 2017, 10, 318.	2.9	10
20	Modeling the Constitutive Relationship of Alâ€“0.62Mgâ€“0.73Si Alloy Based on Artificial Neural Network. Metals, 2017, 7, 114.	2.3	7
21	Halichoblelide D, a New Elaiophylin Derivative with Potent Cytotoxic Activity from Mangrove-Derived Streptomyces sp. 219807. Molecules, 2016, 21, 970.	3.8	23
22	Constitutive equation and dynamic recrystallization behavior of as-cast 254SMO super-austenitic stainless steel. Materials & Design, 2015, 69, 230-240.	5.1	84
23	Microstructures and Mechanical Characteristics of a Medium Carbon Super-Bainitic Steel After Isothermal Transformation. Journal of Materials Engineering and Performance, 2014, 23, 4230-4236.	2.5	10
24	Hot deformation and optimization of process parameters of an as-cast 6Mo superaustenitic stainless steel: A study with processing map. Materials & Design, 2014, 53, 662-672.	5.1	74
25	Natural Products from Mangrove Actinomycetes. Marine Drugs, 2014, 12, 2590-2613.	4.6	125
26	Deformation behavior and microstructural evolution of as-cast 904L austenitic stainless steel during hot compression. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 565, 342-350.	5.6	91
27	A comparative study on constitutive relationship of as-cast 904L austenitic stainless steel during hot deformation based on Arrhenius-type and artificial neural network models. Computational Materials Science, 2013, 67, 93-103.	3.0	134
28	Crystallization behavior of syndiotactic and atactic 1,2-polybutadiene blends. Polymer International, 2004, 53, 1127-1137.	3.1	13