

Ying Han

List of Publications by Year in descending order

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papers

721
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933447

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677
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#	ARTICLE	IF	CITATIONS
1	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. <i>Computational Materials Science</i> , 2013, 67, 93-103.	3.0	134
2	Natural Products from Mangrove Actinomycetes. <i>Marine Drugs</i> , 2014, 12, 2590-2613.	4.6	125
3	Deformation behavior and microstructural evolution of as-cast 904L austenitic stainless steel during hot compression. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 565, 342-350.	5.6	91
4	Constitutive equation and dynamic recrystallization behavior of as-cast 254SMO super-austenitic stainless steel. <i>Materials & Design</i> , 2015, 69, 230-240.	5.1	84
5	Hot deformation and optimization of process parameters of an as-cast 6Mo superaustenitic stainless steel: A study with processing map. <i>Materials & Design</i> , 2014, 53, 662-672.	5.1	74
6	High temperature oxidation behavior of a high Al-containing ferritic heat-resistant stainless steel. <i>Materials Characterization</i> , 2018, 136, 435-443.	4.4	43
7	Halichoblelide D, a New Elaiophylin Derivative with Potent Cytotoxic Activity from Mangrove-Derived <i>Streptomyces</i> sp. 219807. <i>Molecules</i> , 2016, 21, 970.	3.8	23
8	Crystallization behavior of syndiotactic and atactic 1,2-polybutadiene blends. <i>Polymer International</i> , 2004, 53, 1127-1137.	3.1	13
9	Hot Workability of the as-Cast 21Cr Economical Duplex Stainless Steel Through Processing Map and Microstructural Studies Using Different Instability Criteria. <i>Acta Metallurgica Sinica (English) Tj ETQq1 1 0.784314 0.97 / Overlock 10</i>	2.9	11
10	Achieving Superior Strength and Ductility of AlSi10Mg Alloy Fabricated by Selective Laser Melting with Large Laser Power and High Scanning Speed. <i>Acta Metallurgica Sinica (English Letters)</i> , 2022, 35, 1665-1672.	2.9	11
11	Microstructures and Mechanical Characteristics of a Medium Carbon Super-Bainitic Steel After Isothermal Transformation. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 4230-4236.	2.5	10
12	Microstructure, Hardness, and Corrosion Behavior of TiC-Duplex Stainless Steel Composites Fabricated by Spark Plasma Sintering. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4056-4063.	2.5	10
13	Hot Deformation and Processing Window Optimization of a 70MnSiCrMo Carbide-Free Bainitic Steel. <i>Materials</i> , 2017, 10, 318.	2.9	10
14	Precipitation of Cu- and Nb-rich phases and its strengthening effect in 17Cr ferritic stainless steel during high-temperature creep process. <i>Materials Characterization</i> , 2021, 179, 111346.	4.4	10
15	Flow Characteristics of a Medium-High Carbon Mn-Si-Cr Alloyed Steel at High Temperatures. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 5104-5115.	2.5	9
16	Tuning the Friction of Silicon Surfaces Using Nanopatterns at the Nanoscale. <i>Coatings</i> , 2018, 8, 7.	2.6	8
17	Modeling the Constitutive Relationship of Al-0.62Mg-0.73Si Alloy Based on Artificial Neural Network. <i>Metals</i> , 2017, 7, 114.	2.3	7
18	Impact of refractive index increment on the determination of molecular weight of hyaluronic acid by multi-angle laser light-scattering technique. <i>Scientific Reports</i> , 2020, 10, 1858.	3.3	7

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19	Tensile Properties and Microstructural Evolution of an Al-Bearing Ferritic Stainless Steel at Elevated Temperatures. <i>Metals</i> , 2020, 10, 86.	2.3	7
20	Strengthening versus Softening of Nanotwinned Copper Depending on Prestress and Twin Spacing. <i>Metals</i> , 2018, 8, 344.	2.3	6
21	Creep behaviour of equiaxed fine-grain α -TiAl-based alloy prepared by powder metallurgy. <i>Materials Science and Technology</i> , 2020, 36, 1457-1464.	1.6	5
22	Influence of Aging Time on Microstructure and Corrosion Behavior of a Cu-Bearing 17Cr-1Si-0.5Nb Ferritic Heat-Resistant Stainless Steel. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 1289-1301.	2.9	5
23	Microstructure and Mechanical Properties of Powder Metallurgical TiAl-Based Alloy Made by Micron Bimodal-Sized Powders. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 269-280.	2.5	5
24	Isothermal Transformation of a Commercial Super-Bainitic Steel: Part I Microstructural Characterization and Hardness. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 472-477.	2.5	4
25	High-Temperature Creep Behavior and Microstructural Evolution of a Cu-Nb Co-Alloyed Ferritic Heat-Resistant Stainless Steel. <i>Acta Metallurgica Sinica (English Letters)</i> , 2021, 34, 789-801.	2.9	4
26	High-Temperature Oxidation Behavior of a Cu-Bearing 17Cr Ferritic Stainless Steel. <i>Scanning</i> , 2020, 2020, 1-11.	1.5	2
27	Effect of deposition times of Al_2O_3 buffer layer on the structural and optical properties. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	1
28	Computational characterization of halogen vapor attachment, diffusion and desorption processes in zeolitic imidazolate framework-8. <i>Scientific Reports</i> , 2020, 10, 3010.	3.3	0