

Ling Zhang

List of Publications by Year in descending order

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14
papers

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docs citations

14
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Size Effects on the Mechanical Properties of Nanoporous Graphene Networks. <i>Advanced Functional Materials</i> , 2019, 29, 1900311.	14.9	20
2	Evolution of Oxyhalide Crystals under Electron Beam Irradiation: An in Situ Method To Understand the Origin of Structural Instability. <i>Inorganic Chemistry</i> , 2018, 57, 8988-8993.	4.0	15
3	Influences of Laser Surface Alloying with Cr on Microstructural Characteristics and Hardness of Pure Ti. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 3794-3804.	2.2	15
4	Microstructure and mechanical properties of a 2wt% Nb bearing low carbon steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 826, 141957.	5.6	8
5	High Temperature Deformation Behavior and Microstructure Evolution of Low-Density Steel Fe30Mn11Al1C Micro-Alloyed with Nb and V. <i>Materials</i> , 2021, 14, 6555.	2.9	6
6	Effect of Annealing on Microstructure and Corrosion Behavior of Interstitial Free Steel. <i>Materials</i> , 2022, 15, 24.	2.9	5
7	Significant Improvement of the Electrochemical Performance of CoO Nanoparticles Through Activating Synergistic Effects by Doping with Nickel. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2889-2895.	2.0	4
8	Effect of an upward magnetic field on nanosized sulfide precipitation in ultra-low carbon steel. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2015, 22, 714-720.	4.9	2
9	Understanding the linear relation between pop-in excursion length and critical force for spherical nanoindentation. <i>Philosophical Magazine</i> , 2021, 101, 1343-1363.	1.6	2
10	Hot-Deformation Behavior and Processing Maps of a Low-Carbon Fe-2 wt% Nb Steel. <i>Metals</i> , 2021, 11, 1939.	2.3	2
11	B12-O-18 Insight into the Deformation Behavior of Spinodal Nanostructured δ -Ferrite in a 2205 Duplex Stainless Steel. <i>Microscopy (Oxford, England)</i> , 2015, 64, i27.2-i27.	1.5	0
12	Simultaneous Enhancement of Mechanical and Magnetic Properties in Extremely-Fine Nanograined Ni-P Alloys. <i>Nanomaterials</i> , 2018, 8, 792.	4.1	0
13	Effect of Heterogeneous Surface Structure on Mechanical Properties of Interstitial-Free Steel Subjected to Laser Surface Treatment. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6831-6839.	2.5	0
14	Heterogeneity and Homogeneity in 2/4 μ m Multilayered Al Fabricated by Accumulative Roll Bonding and Annealing. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6147-6154.	2.5	0