

Xiang-Jie Wang

List of Publications by Year in descending order

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21
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citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Gradient Hot Rolled Deformation on Texture Evolution and Properties of 1561 Aluminum Alloy. <i>Crystals</i> , 2022, 12, 229.	2.2	0
2	Magnetic and Magnetocaloric Properties in the Non-stoichiometric Fe _{2+x} Ta _{1-x} (x=0-0.25) Alloys. <i>Journal of Superconductivity and Novel Magnetism</i> , 2022, 35, 1547-1554.	1.8	1
3	Microstructures and properties of 6016 aluminum alloy with gradient composition. <i>Rare Metals</i> , 2021, 40, 2154-2159.	7.1	10
4	Effect of Low-Frequency Electromagnetic Casting on Micro-Structure and Macro-Segregation of 5A90 Alloy Ingots. <i>Materials</i> , 2020, 13, 2720.	2.9	5
5	Low Frequency Electromagnetic Casting of 2195 Aluminum-Lithium Alloy and Its Effects on Microstructure and Mechanical Properties. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 338-350.	2.9	8
6	Micro-Structure and Mechanical Properties of 2A97 Al-Li Alloy Cast by Low-Frequency Electromagnetic Casting. <i>Metals</i> , 2019, 9, 822.	2.3	6
7	Effect of a High Magnetic Field on Crystal Growth in the Solidification of Hypoperitectic Zn-Ag Alloy. <i>Crystal Growth and Design</i> , 2019, 19, 6448-6462.	3.0	4
8	Influence of Deep Cryogenic Treatment on Microstructure and Properties of 7A99 Ultra-High Strength Aluminum Alloy. <i>Metals</i> , 2019, 9, 631.	2.3	10
9	A Crystallographic Study on the Growth of Partially Faceted MnSn ₂ Phase during Solidification Process. <i>Crystals</i> , 2018, 8, 380.	2.2	3
10	A crystallographic study on the growth of Laves phase MgZn ₂ during the solidification process of Zn-Mg alloy under a high magnetic field. <i>Journal of Materials Science</i> , 2018, 53, 15181-15195.	3.7	8
11	Influence of a high magnetic field on the solidification structures of ternary Al-Fe-Zr alloy. <i>Journal of Materials Research</i> , 2017, 32, 2035-2044.	2.6	5
12	Morphological and Crystallographic Characterization of Primary Zinc-Rich Crystals in a Ternary Sn-Zn-Bi Alloy under a High Magnetic Field. <i>Crystals</i> , 2017, 7, 204.	2.2	5
13	A new approach for preparing SiC particle-reinforced aluminum matrix composites by applying electromagnetic field. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 717-721.	1.0	8
14	Research progress of microstructure control for aluminium solidification process. <i>Science Bulletin</i> , 2013, 58, 468-473.	1.7	11
15	Effect of trace element vanadium on superplasticity of 5083 aluminium alloy sheets. <i>Science China Technological Sciences</i> , 2012, 55, 510-514.	4.0	9
16	Effects of low-frequency electromagnetic field on the surface quality of 7050 aluminum alloy ingots during the hot-top casting process. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2011, 18, 165-168.	4.9	6
17	Effects of low-frequency electromagnetic field on the surface quality of 7050 aluminum alloy ingots during the hot-top casting process. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2011, 18, 165-168.	4.9	0
18	The effect of grain refiner and combined electro-magnetic field on grain evolution of horizontal direct chill casting 7075 aluminum alloy. <i>International Journal of Materials Research</i> , 2010, 101, 380-385.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Experimental investigation of the start-up phase during direct chill and low frequency electromagnetic casting of 6063 aluminum alloy processes. Heat and Mass Transfer, 2010, 46, 657-664.	2.1	2