

Chunjuan Cui

List of Publications by Year in descending order

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17
papers

148
citations

1307594

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1199594

12
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all docs

17
docs citations

17
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and properties of Ni ³ Si composites by directional solidification. <i>Physica B: Condensed Matter</i> , 2012, 407, 3566-3569.	2.7	26
2	Application of MoS ₂ in the cathode of lithium sulfur batteries. <i>RSC Advances</i> , 2020, 10, 7384-7395.	3.6	23
3	Effect of Solidification Rate on Microstructure and Solid/Liquid Interface Morphology of Ni ³ Si Eutectic Alloy. <i>Journal of Materials Science and Technology</i> , 2015, 31, 280-284.	10.7	18
4	Microstructure and fracture toughness of the Bridgman directionally solidified Fe-Al-Ta eutectic at different solidification rates. <i>Journal of Materials Science and Technology</i> , 2020, 42, 63-74.	10.7	15
5	Directional solidification of Ni ³ Si eutectic in situ composites by electron beam floating zone melting. <i>Physica B: Condensed Matter</i> , 2013, 412, 70-73.	2.7	11
6	Directional solidification of Fe-Al-Ta eutectic by electron beam floating zone melting. <i>Journal of Alloys and Compounds</i> , 2019, 785, 62-71.	5.5	10
7	The preferential orientation and lattice misfit of the directionally solidified Fe-Al-Ta eutectic composite. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	8
8	Microstructure and property of directionally solidified Ni ³ Si hypereutectic alloy. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	7
9	Tensile and fatigue properties of the Bridgman directionally solidified Fe-Al-Ta eutectic. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 765, 138257.	5.6	7
10	S-sphere/C/MoS ₂ composite for high-performance Lithium-Sulfur batteries. <i>Ceramics International</i> , 2022, 48, 27672-27680.	4.8	7
11	Microstructure and Solid/Liquid Interface Evolutions of Directionally Solidified Fe-Al-Ta Eutectic Alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 656-661.	1.0	6
12	Primary dendrite arm spacing and preferential orientations of the Ni ³ Si hypereutectic composites at different solidification rates. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	4
13	Mechanical properties of Fe-Al-Ta eutectic composites at higher solidification rates. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141765.	5.6	4
14	Crystal growth mechanism of directionally solidified Fe-Al-Ta eutectic composites at higher solidification rates. <i>Vacuum</i> , 2022, 199, 110922.	3.5	1
15	High Temperature Tensile Property and Fracture Behavior of Directionally Solidified Fe-Al-Ta Eutectic Composites. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2022, 37, 110-116.	1.0	1
16	Microstructure Characteristics of the Ni-Si Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 394, 022012.	0.6	0
17	High temperature oxidation behavior of directionally solidified Fe(Al,Ta)/Fe ₂ Ta(Al) eutectic composite. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165210.	5.5	0