

# Chunjuan Cui

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

148  
citations

1307594

7  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal growth mechanism of directionally solidified Fe-Al-Ta eutectic composites at higher solidification rates. <i>Vacuum</i> , 2022, 199, 110922.	3.5	1
2	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
3	High temperature oxidation behavior of directionally solidified Fe(Al,Ta)/Fe <sub>2</sub> Ta(Al) eutectic composite. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165210.	5.5	0
4	S-sphere/C/MoS <sub>2</sub> composite for high-performance Lithium-Sulfur batteries. <i>Ceramics International</i> , 2022, 48, 27672-27680.	4.8	7
5	Mechanical properties of Fe-Al-Ta eutectic composites at higher solidification rates. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141765.	5.6	4
6	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
7	Primary dendrite arm spacing and preferential orientations of the Ni-Si hypereutectic composites at different solidification rates. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	4
8	Application of MoS <sub>2</sub> in the cathode of lithium sulfur batteries. <i>RSC Advances</i> , 2020, 10, 7384-7395.	3.6	23
9	Tensile and fatigue properties of the Bridgman directionally solidified Fe-Al-Ta eutectic. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 765, 138257.	5.6	7
10	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
11	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
12	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
13	Microstructure Characteristics of the Ni-Si Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 394, 022012.	0.6	0
14	Microstructure and property of directionally solidified Ni-Si hypereutectic alloy. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	7
15	Effect of Solidification Rate on Microstructure and Solid/Liquid Interface Morphology of Ni-11.5wt% Si Eutectic Alloy. <i>Journal of Materials Science and Technology</i> , 2015, 31, 280-284.	10.7	18
16	Directional solidification of Ni-Ni <sub>3</sub> Si eutectic in situ composites by electron beam floating zone melting. <i>Physica B: Condensed Matter</i> , 2013, 412, 70-73.	2.7	11
17	Microstructure and properties of Ni-Ni <sub>3</sub> Si composites by directional solidification. <i>Physica B: Condensed Matter</i> , 2012, 407, 3566-3569.	2.7	26