

Chen Ruirun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical properties of Ti44Al6Nb1Cr2V alloy after gaseous hydrogen charging at 1373â€“1693ÅK. Rare Metals, 2023, 42, 664-671.	3.6	1
2	Microstructure and mechanical properties of Ti44Al6Nb alloys with different cerium contents. Rare Metals, 2020, 39, 402-407.	3.6	11
3	High-temperature deformation resistance and creep resistance of a TiAl-based alloy fabricated by cold crucible directional solidification technology. China Foundry, 2020, 17, 378-383.	0.5	0
4	Microstructure and microhardness of Ti-48Al alloy prepared by rapid solidification. China Foundry, 2020, 17, 429-434.	0.5	5
5	Improving microstructure and mechanical properties of Ti43Al5Nb0.1B alloy by addition of Fe. Rare Metals, 2019, 38, 1024-1032.	3.6	11
6	Characteristics of array holes with large aspect ratio in aluminum-based cast alloy. Materials and Manufacturing Processes, 2018, 33, 367-370.	2.7	4
7	Coupling Effects of Melt Treatment and Ultrasonic Treatment on Solidifying Microstructure and Mechanical Performance of Ti44Al6Nb1Cr Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 537-549.	1.1	2
8	Microstructure and mechanical properties of Ti43Al6Nb alloys with different zirconium contents. Rare Metals, 2018, , 1.	3.6	3
9	Effects of ultrasonic vibration on the microstructure and mechanical properties of high alloying TiAl. Scientific Reports, 2017, 7, 41463.	1.6	52
10	Continuous Casting of TiAlNb Alloys with Different Velocities by Mixing Binary TiAl Ingot and Nb Wire. Advanced Engineering Materials, 2017, 19, 1700058.	1.6	0
11	Microstructure and mechanical properties of Ni3Al intermetallics prepared by directional solidification electromagnetic cold crucible technique. China Foundry, 2017, 14, 169-175.	0.5	0
12	Dependency of microstructure and microhardness on withdrawal rate of Ti-43Al-2Cr-2Nb alloy prepared by electromagnetic cold crucible directional solidification. China Foundry, 2016, 13, 289-293.	0.5	1
13	A high-Nb TiAl alloy with highly refined microstructure and excellent mechanical properties fabricated by electromagnetic continuous casting. China Foundry, 2016, 13, 342-345.	0.5	3
14	Preparation of U-shaped curved holes by a casting method. International Journal of Advanced Manufacturing Technology, 2016, 86, 129-132.	1.5	3
15	Microstructure and room temperature tensile property of as-cast Ti44Al6Nb1.0Cr2.0V alloy. Transactions of Nonferrous Metals Society of China, 2015, 25, 1097-1105.	1.7	6
16	Effect of cyclic heat treatment on microstructures and mechanical properties of directionally solidified Tiâ€“46Alâ€“6Nb alloy. Transactions of Nonferrous Metals Society of China, 2015, 25, 1872-1880.	1.7	13
17	Effect of growth rate and diameter on microstructure and hardness of directionally solidified Tiâ€“46Alâ€“8Nb alloy. Transactions of Nonferrous Metals Society of China, 2014, 24, 4044-4052.	1.7	6