

Faguo Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A design of self-generated Ti-Al-Si gradient coatings on Ti-6Al-4V alloy based on silicon concentration gradient. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154670.	5.5	21
2	In situ synchrotron X-ray studies of the coupled effects of thermal and solutal supercoolings on the instability of dendrite growth. <i>Materials Characterization</i> , 2015, 109, 9-18.	4.4	16
3	Ab initio simulation: The correlation between the local melt structure and segregation behavior of Fe, V, Ti and Si in liquid Al. <i>Computational Materials Science</i> , 2015, 109, 41-48.	3.0	11
4	Study on cyclic thermal corrosion behavior of APS-7YSZ thermal barrier coating at room- and high temperature. <i>Ceramics International</i> , 2021, 47, 29490-29498.	4.8	10
5	Mechanism of Filling and Feeding of Thin-Walled Structures during Gravity Casting. <i>Materials</i> , 2015, 8, 3701-3713.	2.9	6
6	In situ study the effect of refiner on the microstructure evolution of variable cross-section structure by synchrotron X-ray radiography. <i>Journal of Crystal Growth</i> , 2015, 428, 1-7.	1.5	6
7	Preparation of Ti-Al-Si Gradient Coating Based on Silicon Concentration Gradient and Added-Ce. <i>Coatings</i> , 2022, 12, 683.	2.6	6
8	Effect of concentration-gradient on characteristic parameters of β -Al dendrites in Al-Cu alloy. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161666.	5.5	3
9	The effect of local thermo-solutal convection on dendrite fragments at variable cross section. <i>Materials Research Express</i> , 2019, 6, 1165b6.	1.6	0