

Surendra N Tewari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Geometrical effect on macrosegregation formation during unidirectional solidification of Al-Si alloy. <i>Journal of Materials Processing Technology</i> , 2021, 288, 116913.	6.3	3
2	Primary dendrite array morphology in Al-7wt% Si alloy samples directionally solidified aboard the International Space Station. <i>Journal of Crystal Growth</i> , 2021, 562, 126077.	1.5	3
3	Spurious grain formation due to Marangoni convection during directional solidification of alloys in μ -g environment of International Space Station. <i>Journal of Crystal Growth</i> , 2021, 574, 126334.	1.5	2
4	The Marangoni convection effects on directional dendritic solidification. <i>Heat and Mass Transfer</i> , 2020, 56, 1329-1341.	2.1	8
5	Dendritic solidification of Succinonitrile-0.24wt% water alloy: A comparison with microgravity experiments for validating dendrite tip velocity. <i>Acta Astronautica</i> , 2020, 175, 163-173.	3.2	6
6	Effect of bubble-induced Marangoni convection on dendritic solidification. <i>International Journal of Multiphase Flow</i> , 2019, 116, 137-152.	3.4	19
7	Effect of synthesis time and treatment on porosity of mesoporous silica materials. <i>Adsorption</i> , 2009, 15, 81-86.	3.0	2
8	Electrodeposition of nickel nanowires and nanotubes using various templates. <i>Journal of Experimental Nanoscience</i> , 2008, 3, 287-295.	2.4	24