

Prasenjit Biswas

List of Publications by Year in descending order

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papers

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2258059

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#	ARTICLE	IF	CITATIONS
1	On the Prediction of Grain Refinement Mechanism in Direct Chill Casting of Aluminum and Its Alloys Under Low Degree Mechanical Forced Convection. <i>Metals and Materials International</i> , 2022, 28, 1741-1750.	3.4	2
2	Simulation Based Optimization of Geometrical Factors and Process Parameters for a Continuous Caster to Fabricate Aluminum Based MMC. <i>International Journal of Metalcasting</i> , 2022, 16, 1758-1776.	1.9	3
3	Design of Electromagnetic TP-1 Test Equipment to Study the Change in Aluminium Macrostructure Under External Field. <i>Transactions of the Indian Institute of Metals</i> , 2021, 74, 1819.	1.5	1
4	Design and manufacturing of a novel continuous casting technique for the addition of ceramic particulate reinforcement, alloying elements and grain refiners in Al-system. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2020, 31, 342-350.	4.5	8
5	A study on interfacial activities between Nb and liquid Al in static and dynamic condition. <i>Materials Today: Proceedings</i> , 2020, 27, 2880-2885.	1.8	0
6	On the synthesis and characterisation of novel composite-structured high-entropy alloys. <i>Philosophical Magazine Letters</i> , 2019, 99, 302-308.	1.2	3
7	Tribological behaviour of hot extruded Al-Cu-Mg-Ag alloy reinforced by TiB ₂ particles. <i>Materials Science and Technology</i> , 2019, 35, 953-961.	1.6	5
8	In-house design of forced convection direct chill casting simulator for casting immiscible Al-Sn alloys. <i>International Journal of Cast Metals Research</i> , 0, , 1-8.	1.0	1