

# Prasenjit Biswas

## List of Publications by Year in descending order

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8  
papers

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citations

2258059

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2053705

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