

# Harikrishna Rana

## List of Publications by Year in descending order

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7  
papers

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1478505

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docs citations

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times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties Augmentation of Cast Hypereutectic Al-Si Alloy Through Friction Stir Processing. Metals and Materials International, 2023, 29, 215-228.	3.4	7
2	Augmentation of weld penetration by flux assisted TIG welding and its distinct variants for oxygen free copper. Journal of Materials Research and Technology, 2021, 10, 138-151.	5.8	17
3	Friction stir welding of AZ31 magnesium alloy: A review. Materials Today: Proceedings, 2021, 47, 6576-6584.	1.8	8
4	Effect of active heating and cooling on microstructure and mechanical properties of friction stir-welded dissimilar aluminium alloy and titanium butt joints. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 365-378.	2.5	17
5	Elucidation of the role of rotation speed and stirring direction on AA 7075-B <sub>4</sub> C surface composites formulated by friction stir processing. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 977-994.	1.1	23
6	Influence of friction stir processing conditions on the manufacturing of Al-Mg-Zn-Cu alloy/boron carbide surface composite. Journal of Materials Processing Technology, 2018, 255, 795-807.	6.3	47
7	Strategical parametric investigation on manufacturing of Al-Mg-Zn-Cu alloy surface composites using FSP. Materials and Manufacturing Processes, 2018, 33, 534-545.	4.7	37