

Harikrishna Rana

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

156
citations

1478505

6
h-index

1720034

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g-index

7
all docs

7
docs citations

7
times ranked

119
citing authors

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