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LIST OF PUBLICATIONS

S.No	TITLE	JOURNAL	PUBLICATION	MONTH AND YEAR	IMPACT FACTOR	Volume & PP & ISSN No
1	Influence of friction stir processing parameters on surface modified 90Cu-10Ni composites	Materials and Manufacturing Processes	Taylor and Francis	June 2017	**3.350**	1042-6914
2	Surface modification and characterization of zirconium carbide particulate reinforced C70600 CuNi composite fabricated via friction stir processing	Journal of Mechanical Science and Technology	Springer	July 2017	**1.128**	
3	Microstructure, hardness and wear behavior of NbC Reinforced AA7075 matrix composites fabricated by friction stir processing	International Journal of Materials Research	Hansen e-Library	November 2018	**0.75**	
4	Characterization of NbC-Reinforced AA7075 Alloy Composites Produced Using Friction Stir Processing	Transactions of the Indian Institute of Metals	Springer	January 2019	**0.910**	
5	Fabrication of Aluminum-Cr_3C_2 Surface Composites through Friction Stir Processing and Analyzing its Microstructural and Mechanical Evolution	Archives of materials and metallurgy	Sciendo	Accepted November 2018	**0.607**	
6	Effects of dual phase reinforcement particles (fly ash + Al_2O_3) on the wear and tensile properties of the AA 7075 Al alloy based composites	Journal of The Institution of Engineers (India): Series D	Springer	Accepted January 2019	**0.61**	
7	Characterization of Y2O3 particles reinforced AA6082 aluminium matrix composites produced using friction stir processing	Materials Research Express	IOP	3rd May 2019	**1.449**	
8	Mechanical Properties and corrosion behavior of AZ91D-HAP surface	Materials Research Express	IOP	10th May 2019	**1.449**	

	composite fabricated by friction stir processing					
9	Investigations on the Corrosion Behaviour of Magnesium Alloy Surface Composites AZ91D-ZrO2 Fabricated by Friction Stir Processing	Transactions of the IMF	Taylor and Francis	27th August 2019	**0.807**	
10	Experimental investigation of microstructure, mechanical and wear characteristics of Cu-Ni/ZrC composites synthesized through Friction stir processing	Archives of materials and metallurgy	Sciendo	Accepted July 2019	**0.607**	
11	Sliding wear behaviour of AA7075/TiB2/Gr in-situ hybrid composites using response surface methodology	Arabian Journal for Science and Engineering	Springer	Under Review	**1.067**	
12	Strength improvement of Additive Manufacturing components by reinforcing Carbon Fibre and by employing Bio-inspired interlock sutures	Materials Research Express	IOP	Under Review	**1.449**	
13	Application of GA to optimize the3D printing process parameters for glass fiber reinforced PLA matrix composite and bio-mimic interlock sutures	Journal of polymer engineerinng	De Gruyter	Under Review	**1.072**	

BOOK CHAPTER

S.No	Chapter Title	Publication	Book Title
1	Corrosion protection of Magnesium Alloys in Simulated Body Fluids using Nanophase Al2O3	Elsevier	Corrosion Protection at the Nanoscale