Dr. V. Anandakrishnan

Associate Professor, Department of Production Engineering,
National Institute of Technology

Processing of Metal Matrix Composites

	All	Since 2016
Citations	1062	854
h-index	19	16
i10-index	30	25

TITLE	CITED BY	YEAR
A study on the microstructure, hardness, and tribological behavior of aluminum-based metal–matrix composite fabricated through recursive friction stir processing G Girish, V Anandakrishnan Proceedings of the Institution of Mechanical Engineers, Part L: Journal of …		2020
Analysis Of Wear Behavior Of A Novel Magnesium Metal–Metal Composite S Sathish, V Anandakrishnan, M Gupta Surface Review and Letters 27 (10), 1950228		2020
Optimization of dry sliding wear parameters of recursive friction stir processed aluminium 7075 alloy G Girish, V Anandakrishnan Proceedings of the Institution of Mechanical Engineers, Part J: Journal of …		2020
Tribological behaviour of recursive friction stir processed AA7075 G Girish, V Anandakrishnan Industrial Lubrication and Tribology	1	2020
Dry sliding wear behavior of Inconel 718 additively manufactured by DMLS technique V Anandakrishnan, S Sathish, D Muthukannan, V Dillibabu, ... Industrial Lubrication and Tribology		2020
Experimental investigations on the effect of wire arc additive manufacturing process parameters on the layer geometry of Inconel 825 CHB Kumar, V Anandakrishnan Materials Today: Proceedings 21, 622-627	5	2020
A Review on Tribological, Mechanical, Corrosion and Wear Characteristics of Stir Cast AA6061 Composites S Raja, M Ravichandran, B Stalin, V Anandakrishnan Materials Today: Proceedings 22, 2614-2621	15	2020
Experimental investigations on the effect of pre-positioned wire electron beam additive manufacturing process parameters on the layer geometry of titanium 6Al4V A Manjunath, V Anandakrishnan, S Ramachandra, K Parthiban Materials Today: Proceedings 21, 766-772	6	2020
Modelling and analysis of abrasive water jet machining of AA2014 alloy with Al2O3 abrasive using fuzzy logic K Verma, V Anandakrishnan, S Sathish Materials Today: Proceedings 21, 652-657	4	2020

TITLE	CITED BY	YEAR
Determination of friction stir processing window for AA7075 G Girish, V Anandakrishnan Materials Today: Proceedings 21, 557-562	2	2020
Optimization of tribological behavior of magnesium metal-metal composite using pattern search and simulated annealing techniques S Sathish, V Anandakrishnan, M Gupta Materials Today: Proceedings 21, 492-496	4	2020
Investigation on the abrasive water jet machinability of AA2014 using SiC as abrasive R Shibin, V Anandakrishnan, S Sathish, VM Sujana Materials Today: Proceedings 21, 519-522	2	2020
Investigations on microstructural and texture evolution during recursive friction stir processing of aluminium 7075 alloy G Girish, V Anandakrishnan Materials Research Express 6 (12), 126574	4	2019
Optimization of wear parameters of Mg-(5.6 Ti+ 3Al)-2.5 B4C composite S Sathish, V Anandakrishnan, G Manoj Industrial Lubrication and Tribology	3	2019
Wear testing of in situ cast AA8011-TiB_2 metal matrix composites BMM Selvan, V Anandakrishnan, M Duraiselvam, S Sundarameenakshi Materials Testing 61 (8), 779-786		2019
Microstructure and properties of high strength Al-Fe-Cu-Si-Zn alloy (AA8079) produced by mechanical alloying and powder metallurgy M Meignanamoorthy, M Ravichandran, VS Vidhya, V Anandakrishnan Materials Testing 61 (7), 627-634	1	2019
Investigations on Corrosion Behaviour of Composites AA 8011-ZrB2 in Situ Metal Matrix BMM Selvan, V Anandakrishnan Advances in Manufacturing Technology: Select Proceedings of ICAMT 2018, 335		2019
Optimization of wear parameters of magnesium metal-metal composite using Taguchi and GA technique S Sathish, V Anandakrishnan, S Sankaranarayanan, M Gupta Jurnal Tribologi 23, 76-89		2019
Tribological Behavior of AZ91–Al_2O_3 Composites by Powder Metallurgy N Keerthivasan, S Selvaraj, V Anandakrishnan, E Thayumanvan Advances in Manufacturing Technology, 453-461		2019
Investigations on Corrosion Behaviour of AA 8011-ZrB_2 in Situ Metal Matrix Composites BMM Selvan, V Anandakrishnan Advances in Manufacturing Technology, 335-342		2019