



Dr.R.Ashok kumar

Assistant Professor (SG) of Mechanical Engineering,
K.L.N. College of Engineering
Friction Stir Welding
Materials and Composites

GET MY OWN PROFILE

	All	Since 2015
Citations	22	22
h-index	3	3
i10-index	0	0

TITLE	CITED BY	YEAR
Reinforcement with alumina particles at the interface region of AA6101-T6 and AA1350 alloys during friction stir welding R.Ashok kumar, M.R. Thansekhar Materials Research Express 5 (4), 046521	8	2018
Effects of tool pin profile and tool shoulder diameter on the tensile behaviour of friction stir welded joints of aluminium alloys R.Ashok kumar, M.R.Thansekhar Advanced Materials Research 984, 586-591	7	2014
Property evaluation of friction stir welded dissimilar metals: AA6101-T6 and AA1350 aluminium alloys R.Ashok kumar, M.R.Thansekhar Materials Science (Medžiagotyra) 23 (1), 78-83	3 *	2017
Mechanical and wear properties of friction stir welded dissimilar AA6101-T6 and AA1350 alloys: Effect of offset distance and number of passes R.Ashok kumar, M.R. Thansekhar Journal of mechanical science and technology 32 (7), 2999-3307	2 *	2018
Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding R.Ashok kumar, G.R.Raghav, K.J.Nagarajan, Rengarajan Sathish, P.Suganthi, V ... Metallurgical Research & Technology 116 (6), 1- 5	1 *	2019
Wear Behaviour of Friction Stir Welded Dissimilar Aluminium Alloys R.Ashok kumar, M.R.Thansekhar Metallofizika i novešhie tekhnologii 41 (2), 203-211	1	2019
Effects of tool pin profile on tensile and wear behaviour of friction stir welded AA6101-T6 and AA1350 alloys R. Ashok kumar, R. Muneeswaran, M. Saravana Mohan, Sathish Rengarajan, G.R ... Metallurgical research and technology 117 (5), 1 - 5		2020
TENSILE AND WEAR BEHAVIOUR OF FRICTION STIR WELDED AA5052 AND AA6101-T6 ALUMINIUM ALLOYS: EFFECT OF WELDING PARAMETERS G. Kasirajan, Sathish Rengarajan, R.Ashok kumar, G.R.Raghav, V.S Rao, K.J ... Metallurgical Research and Technology 117 (4), 1-9		2020
Characterization and corrosion effects of Friction surfaced IS-2062 E250 CU with AA6063 R.Vasanth, K.Mohan, Sathish Rengarajan, R.Jayaprakash, R.Ashok kumar Materials Research Express		2019

TITLE	CITED BY	YEAR
Review on Friction Stir Welding R.Ashok kumar, M.R.Thansekhar International Journal of Applied Engineering Research 10 (8), 6337-6341		2015