

Dr. Mahalingam College of Engineering and Technology (Autonomous)

Academic Year 2017-18

S.No.	Author's Name	Journal Title	Journal Name	Volume No. and Page No.	Year	Impact Factor
1.	AR Suresh, I Rajendran	Investigations on Deep Cryogenically Treated Low Alloy Steel Impregnated with WS ₂	Materials Today: Proceedings	5 (2), 6736-6745	2018	0.837
2.	N Shanmugasundaram, I Rajendran, T Ramkumar	Characterization of untreated and alkali treated new cellulosic fiber from an Areca palm leaf stalk as potential reinforcement in polymer composites	Carbohydrate Polymers	195, 566-575	2018	5.158
3.	N Shanmugasundaram, I Rajendran, T Ramkumar	Static, dynamic mechanical and thermal properties of untreated and alkali treated mulberry fiber reinforced polyester composites	Polymer Composites	39 (S3), E1908-E1919	2018	1.943
4.	AR Suresh, I Rajendran, GNK Babu	Investigations on the Effect of Impregnated WS ₂ on Corrosion of Low Alloy Steel (Distaloy AB)	Advanced Science, Engineering and Medicine	10 (3), 420-425	2018	-
5.	S Madhusudhanan, I Rajendran	An investigation on the fatigue performance of austempered ductile iron steering knuckle	International Journal of Heavy Vehicle Systems	25 (3/4), 249-257	2018	0.6
6.	N Gnanasekar, R Thirumurugan, AA Muthukumar, MA Khan	Prediction of tooth root failure under static loading condition for EN353 steel spur gear	IOP Conference Series: Materials Science and Engineering	402 (1), 012158	2018	-
7.	KMM Ganesh, DB Giriraj, DR Thirumurugan	Mechanical performance of short Palmyra Palm Leaf stalk/Carbon Hybrid fiber reinforced Polyester Composites	TAGA JOURNAL	14, 1555-1562	2018	-
8.	T. Ramkumar, M. Selvakumar, R. Vasanthshankar, A.S. Sathishkumar, P. Narayanasamy,	Rietveld refinement of powder X-ray diffraction, microstructural and mechanical studies of magnesium matrix composites processed by high energy ball	Journal of Magnesium and Alloys	6(4), 390-398	2018	-

	G. Girija	milling				
9.	P Balasundar, P Narayanasamy, P Senthamarai kannan, S Senthil, T. Ramkumar	Extraction and Characterization of New Natural Cellulosic Chloris barbata Fiber	Journal of Natural Fibers	15 (3), 436-444	2018	0.974
10.	T. Ramkumar, M. Selvakumar, P. Narayanasamy	Effect of nano-reinforced B4C on the dry sliding wear behaviour of Ti-6Al-4V sintered composites using response surface methodology	Archives of Metallurgy and Materials	63(3), 1179-1200	2018	0.517
11.	N. Shanmugasundaram, I. Rajendran, T Ramkumar	Characterization of untreated and alkali treated new cellulosic fiber from an Areca palm leaf stalk as potential reinforcement in polymer composites	Carbohydrate Polymers	195, 566-575.	2018	5.15
12.	N. Shanmugasundaram, I. Rajendran, T Ramkumar	Static, dynamic mechanical and thermal properties of untreated and alkali treated mulberry fiber reinforced polyester composites	Journal of Polymer Composites	Accepted	2018	2.3
13.	C. FradaricJohn, R.ChristuPaul, S.Christopher Ezhil Singh, T. Ramkumar	Corrosion behaviour of ZrC particles reinforcement with Al-12Si metal matrix composites by weight loss method using acidic mediums	Bulletin of the Polish Academy of Sciences: Technical Sciences	66(1), 9-16	2018	0.8
14.	P. Narayanasamy T. Ramkumar	Characterization of cellulosic fibers from Morus alba L. stem	Journal of Natural Fiber	Accepted for Publication	2018	0.974
15.	S Madhusudhanan, I Rajendran	An investigation on the fatigue performance of austempered ductile iron steering knuckle	International Journal of Heavy Vehicle Systems	25 (3/4), 249–257	2018	0.6
16.	N Shanmugasundaram, I Rajendran, T Ramkumar	Characterization of untreated and alkali treated new cellulosic fiber from an Areca palm leaf stalk as potential reinforcement in polymer composites	Carbohydrate Polymers	195, 566-575	2018	5.158
17.	N Shanmugasundaram, I Rajendran, T	Static, dynamic mechanical and thermal properties of untreated	Polymer Composites	39 (S3), E1908-E1919	2018	1.943

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