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LAST FIVE YEAR PUBLICATIONS

S.NO	TITLE OF THE PUBLICATIONS	YEAR
1	Heat tolerant epoxy-amine functionalized graphene oxide composites for insulation applications MRKPSC Manikandan Thangaraj, Siddharthan Arjunan R Muruganandhan ,Journal of Adhesion Science and Technology, 1-22	2020
2	Effect of Low Energy Laser Shock Peening on Plastic Deformation, Wettability and Corrosion Resistance of Aluminum Alloy 7075 T651 M Abeens, R Muruganandhan, K ThirumavalavanOptik, 165045	2020
3	CFD simulation of convective heat transfer in vessel with mechanical agitation for milke Rajasekaran, B Kumar, R Muruganandhan, SV Raman, GN Devi Journal of Food Science and Technology, 1-10	2020
4	Optimization of Mechanical and Thermal Properties of Bio-Waste Horn Powder Reinforced Phenol Formaldehyde Composites TK Kumar D, Muruganandhan R Interiencia 1 (45), 263 to 280	2020
5	Investigation of nano ceramics added bismuth antimony telluride for energy harvesting applications GS Shendur, M Abeens, R Muruganadhan, M Arivanandhan, M Premnath, ... Materials Today: Proceedings 22, 879-883	2020
6	Surface modification of AA7075 T651 by laser shock peening to improve the wear characteristics M Abeens, R Muruganandhan, K Thirumavalavan, S Kalainathan Materials Research Express 6 (6), 066519	2019
7	Study on the influence of process parameters of severe surface mechanical treatment process on the surface properties of AA7075 T651 using TOPSIS and Taguchi analysisK Thirumavalavan, SC Chandrasekhar, M Abeens, R Muruganandhan, ...Materials Research Express 6 (11), 1165i1	2019
8	Comparative Analysis of Different Surface Modification Processes on AA 7075 T651M Abeens, R Muruganandhan, K Thirumavalavan IOP Conference Series: Materials Science and Engineering 574 (1),	2019
9	Friction-wear behavior of shot peened aluminium 7075-T651 alloy M Abeens, R Muruganatham, S ArulvelNISCAIR-CSIR, India	2019
10	Influence of amine-functionalised graphene oxide filler on mechanical and	2019

	insulating property of epoxy nanocompositesT Manikandan, A Siddharthan, R Muruganandhan, CP SugumaranMaterials Research Express 6 (9), 095302	
11	Impact Analysis of Carbon/Glass/Epoxy Hybrid Composite Pipes RM V.VijayaRajan International Journal of Recent Technology and Engineering 8 (Issue-4 ...	2019
12	Investigation the Mechanical Properties of Cow Horn Composite based on Al7075 T651 MR G.SHIBU. M.ABEENS . MARYAM SOLEIMANI . PREMNATH M , RAJA SEKARAN E Interciencia, 232 to 242	2019
13	Investigation of water jet peening process parameters on AL6061-T6 R Muruganandhan, M Mugilvalavan, K Thirumavalavan, N Yuvaraj Surface Engineering 34 (4), 330-340	2018
14	Experimental analysis of convective heat transfer on tubes using twisted tape inserts, louvered strip inserts and surface treated tube M Abeens, M Meikandan, J Sheriff, R Murunganadhan International Journal of Ambient Energy 41 (5), 540-546	2018
15	Determination of forced convection heat transfer coefficients and development of empirical correlations for milk in vessel with mechanical agitators E Rajasekaran, B Kumar, R Muruganandhan, SV Raman, U Antony Journal of food science and technology 55 (7), 2514-2522	2018
16	Low Velocity Impact Analysis on Stitched and Unstitched Laminates RM velamurali Asian Journal of Research in Social Sciences and Humanities 6 (6), 752-765	2016
17	Study Of Torsional Response On The Rotor Shaft Of A Rotavator Under Transient Load Conditions Dnnm Vignesh. M, Dr. Muruganandhan. R International Journal of Innovative Research in Science, Engineering and ...	2015
18	Synthesis and Properties Evaluation of Biopolymer Composites RMS Arun A International Journal of Innovative Research in Science,Engineering	2015