Dr. S. MARI MUTHU publication details

1. R Pandiyarajan, **S Marimuthu**,(2020),” Parametric optimization and tensile behaviour analysis of AA6061 - ZrO2 - C FSW samples using Box-Behnken method” Materials today:Proceedings,pp 1-6.
2. K Anganan, S Prabagaran, **S Marimuthu**,(2020),” An experimental study and analysis of various cylindrical pin diameters in friction stir welded AA7075-T6 and A384. 0-T6 aluminium alloys of butt joint”, Materials today:Proceedings,pp:45- 51
3. R Pandiyarajan, P Maran, **S Marimuthu** 2020) “Investigation on mechanical properties of ZrO2, C and AA6061 metal matrix composites”, Journal of Advances in Materials and Processing Technologies
4. MuthuSamy M Miniappan P K, **S Marimuthu**,(2020),” Experimental Investigation on Mechanical Properties of Polymer Composites Reinforced with Sisal Fibre”, Journal of Test Engineering and Management,Vol:83,PP:15151-15155
5. **S Marimuthu** R Pandiyarajan,(2020),” Dry Sliding Wear Behaviour of aluminium Matrix Composite Materials”, Journal of Test Engineering and Management,Vol:83,PP:15086-15089.
6. R Pandiyarajan, P Maran, N Murugan, **S Marimuthu**, T Sornakumar,(2019),” Friction stir welding of hybrid AA 6061-ZrO2-C composites FSW process optimization using desirability approach”, Materials Research Express,vol-6,pp:553-556
7. R Pandiyarajan, P Maran, **S Marimuthu**, K Arumugam - Materials Today: Proceedings, 2019,” Mechanical and metallurgical characterization of friction stir welded AA6061-ZrO2-C hybrid MMCs”, Materials Today: Proceedings,Vol:10,pp:256-259
8. R Pandiyarajan, P Maran, **S Marimuthu**, KC Ganesh - Journal of Mechanical Science and Technology, 2017,” Mechanical and tribological behavior of the metal matrix composite AA6061/ZrO2/C” , Journal of Mechanical Science and Technology, vol:31, pp:4711-4717.
9. R Pandiyarajan, P Maran, **S Marimuthu**, KC Ganesh ,2017, “Synthesis and characterization of zirconium dioxide particulate reinforced aluminium alloy metal matrix composite”, Indian Journal of Engineering and Materials Sciences, Vol:24, pp:390-397.