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List of publications

1. Selvabharathi, R & Muralikannan, R 2018, 'Influence of shot peening and plasma ion nitriding on tensile strength of 2205 duplex stainless steel using A-PAW,' **Materials Science and Engineering-A**, vol. 709, pp. 232-240. **(Impact Factor: 4.014)**

2. Selvabharathi, R., 2019. Effect of post weld heat treatment and TiAlSiN coating on the tensile strength of autogenous plasma arc welding of duplex/super austenitic stainless steels. *Journal of Manufacturing Processes*, *38*, pp.135-147.

3. Selvabharathi, R, Siva Shanmugam, N, MuraliKannan, R & ArungalaiVendan, S 2017,'Studies on the parametric effects of plasma arc welding of 2205 duplex stainless steel', **High Temperature Materials and Processes**. ISSN (Online) 2191-0324, ISSN (Print) 0334-6455 **(Impact Factor: 0.427).**

4. Srinivasan, R. G., Selvabharathi, R., Palani, S., & Karuppasamy, R. (2019). Influence of high-velocity oxygen fuel spraying and plasma nitriding on microstructure properties of iron-nickel-chromium alloy using hybrid surface heat treatment. Materials Research Express, 6(8), 086584. **(Impact Factor: 1.44)**

5. Shankarganesh, P. S. P., Muralikannan, R., Selvabharathi, R., & Karuppasamy, R. (2019). Investigation of tensile, flexural and impact properties of Neem-Indian almond hybrid fiber based epoxy composites. Materials Research Express. **(Impact Factor: 1.44)**

6**.** Logesh, M., Selvabharathi, R., Thangeeswari, T. and Palani, S., 2020. Influence of severe double shot peening on microstructure properties of Ti 6Al-4V and Titanium Grade 2 dissimilar joints using laser beam welding. *Optics & Laser Technology*, *123*, p.105883.

7. Prasath, N.E. and Selvabharathi, R., 2020. Influence of Plasma Transfer Arc Cladding of NiCrBFe filler powder on microstructure and tensile properties of Titanium Grade 2 and Ti 6Al-4V alloy dissimilar joint prepared by laser beam welding. *Optics & Laser Technology*, *128*, p.106206.