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List of Publication (Last 5 years):

1) R Muneeswaran, MS Mohan, **S Rengarajan**(2020), Effects of tool pin profile on tensile and wear behaviour of friction stir welded AA6101-T6 and AA1350 alloys, Metallurgical Research & Technology, Volume 117,Issue,5,Pages 503-512,doi.org/10.1051/metal/2020045. **(Impact Factor 0.717) (Web of Science)**
2) G Kasirajan, **Sathish Rengarajan,** GR Raghav, VS Rao, KJ Nagarajan, Tensile and wear behaviour of friction stir welded AA5052 and AA6101-T6 aluminium alloys: effect of welding parameters, , Metallurgical Research & Technology, Volume 117,Issue,4,Pages 405-416, doi.org/10.1051/metal/2020039. **(Impact Factor 0.717) (Web of Science)**
3) Rameeza. M, **Sathish Rengarajan,** S.A.Muhammed Abraar ,V.S Rao, Experimental Studies On Thermal Spray Ceramic Coating (Al/Ti) On Mild Steel Substrate, GEDRAG & ORGANISATIE REVIEW 232-247. doi.org/10.37896/GOR33.02/040.
4) N.E. Arun kumar*, **R.Sathish** , M.Ganesh, Parametric Optimization Of Wire Cut Edm Using Grey Relational Analysis, GEDRAG & ORGANISATIE REVIEW,389-403, doi.org/10.37896/GOR33.02/052
5) Synthesis, characterization and machinability studies on thin hybrid composites with SiC nano particles, SM Mullaikodi, K. Shanmugasundaram, V.S Rao, **Sathish Rengarajan,** Materials Research Express, Volume 6,Number 6, 2019.**(Impact Factor 1.449) (Web of Science)**

6) 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. volume6, Issue 12 Pages 126579, doi.org/10.1088/2053-1591/ab5981. (**Impact Factor 1.449).** doi.org/10.1088/2053-1591/ab0ddc
7) Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding, Metallurgical Research Technology, **Volume** 116, Number **6**, 2019, Article Number 631Number of page(s)5DOI:doi.org/10.1051/metal/20190. 2019 .**(Impact Factor 0.648)**
8) Friction surfacing of AISI 316 over mild steel: A characterisation study (2018) RGS Nixon, BS Mohanty, **R. Sathish** Defence Technology, doi.org/10.1016/j.dt.2018.03.003.
9) Characterization of a Friction Surfaced Stainless Steel Coating on Medium Carbon Steel, Rathinam George Sahaya Nixon, **Rengarajan Sathish**, Bhulok Sundar Mohanty, Transactions of FAMENA Volume 42, Issue 4, Pages 53-62,
10) Mechanical and Metallurgical Properties of Dissimilar Friction Welded Aluminum Alloys Under Sub-Zero Temperature **R. Sathish**, VS Rao,(2016), Journal of the Chinese society of mechanical Eng37 (5), 449-456.
11) Mechanical and Metallurgical Characterization of Dissimilar Weld Joints Using Continuous Direct Drive Friction Welding V.S.RAO(2016) **Sathish Rengarajan**, Engineering Transactions 64 (2), 2016241–252.
12) Tensile Strength and Hardness Correlations with Microscopy in Friction welded Aluminium to Copper **R Sathish**, VS Rao, D Ananthapadmanaban, B Ravi,(20165), Journal of The Institution of Engineers (India): Series C 97 (1), 121-126.