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List of Publications (2016 – 2020)

- Microstructure and Fracturing Behavior of AA7075–T651 Aluminum Alloy Cooled During Friction Stir Welding TS Rao, SRK Rao, GM Reddy Metal Science and Heat Treatment 61 (5-6), 379-386 2019
- Influence of plasma electrolytic oxidation on corrosion characteristics of friction stir welded ZM21 magnesium alloy KLH Krishna, SRK Rao, S Dondapati, N Rameshbabu Protection of Metals and Physical Chemistry of Surfaces 55 (4), 735-742 2019
- Study on surface characteristics of friction stir processed AZ91 with titanium carbide micro particles S Vijayan, JP Gnanavel, G Selvakumar, SRK Rao NISCAIR-CSIR, India 2019
- Experimental Investigation on Microstructures of Borated Stainless Steel Welds 304B in Different Corrosion Media GR Kumar, SR Rao, B Bhadru, TR Babu, B Ravi ICRTEMMS Conference Proceedings 208 (211), 208-211 2018
- Studies on Salt Fog Corrosion Behavior of Ferrous and Non Ferrous Alloys B Bhadru, GR Kumar, B Ravi, SR Rao, TR Babu, NK Reddy ICRTEMMS Conference Proceedings 269 (272), 269-272 2018
- Effect of Friction Stir Welding on Pitting and Stress Corrosion Cracking Behavior of AFNOR7020-T6 Aluminium Alloy GS Rao, KS Rao, PS Rao, SRK Rao, GM Reddy Protection of Metals and Physical Chemistry of Surfaces 54 (5), 866-875 2018
- Friction stir welding of thick section Al-Zn-Mg-Cu aluminum alloy: Rührreißschweißen einer dickwandigen Al-Zn-Mg-Cu-Aluminiumlegierung TS Rao, SRK Rao, GM Reddy Materialwissenschaft und Werkstofftechnik 49 (7), 851-858 2018
- Investigation on variations in hardness and microstructure of in-process cooled 7075 aluminum alloy friction stir welds TS Rao, GM Reddy, SRK Rao Materials Testing 59 (2), 155-160 2017
- Microstructure and salt fog corrosion behaviour of AA2219 Friction stir welded Aluminum alloy GSRVVSRSR K Rao Metal Science and Heat Treatment, 59 (7), 223-231 2017
- Comparison of the welding behaviour of P/M borated and I/M borated stainless steel GRKGDJR T. Rajesh Babu, S. Rajendra Boopathy, S R Koteswara Rao Materials Testing 59 (9), 749-754 2017
- Salt fog corrosion behavior of friction stir welded AA2014-T651 aluminum alloy K Thamilarasan, S Rajendraboopathy, GM Reddy, TS Rao, S Rama, ... Materials Testing 58 (11-12), 932-938 2016

- Optimization of friction stir welding process parameters for joining ZM 21 to AZ 31 of dissimilar magnesium alloys using Taguchi technique S Prasath, S Vijayan, SRK Rao METALLURGIA ITALIANA, 25-33 2016
- Optimization of bead geometry for duplex stainless steel GTA welds using the Taguchi approach R Sasidharan, SR Boopathy, S Vijayan, SRK Rao Materials Testing 58 (4), 312-318 2016
- Studies on variations in microstructure and hardness of AA7075-T651 aluminum alloy friction stir welds TS Rao, GM Reddy, SRK Rao METALLURGIA ITALIANA, 29-35 2016