

List of publications

1. N.Muralidharan, K. Chockalingam, R. Parameshwaran, K. Kalaiselvan, N. Nithyavathy, Optimization of CNC-WEDM Parameters for AA2024/ZrB₂ insitu Stir Cast Composites Using Response Surface Methodology with Desirability Function Technique, Arabian Journal for Science and Engineering, Volume 45, Issue 6, 1319-8025, 02 April 2020, Springer publications.
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3. M.Balakrishnan, I.Dinaharan, K.Kalaiselvan, R.Palanivel, Friction stir processing of Al₃Ni intermetallic particulate reinforced cast aluminum matrix composites: Microstructure and tensile properties, Journal of Materials Research and Technology, Volume 9, Issue 3, May–June 2020, Pages 4356-4367, Elsevier publications.
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5. S.Saravanakumar, S.Gopalakrishnan, K.Kalaiselvan and R. Sathiskumar, Experimental Analysis of Copper Matrix Surface Composite Fabricated by Friction Stir Processing, TAGA journal, Vol. 14, pp. 298-305, 2018, Swansea Printing Technology Ltd.
6. N. Muralidharan, K. Chockalingam, I. Dinaharan, K. Kalaiselvan, Microstructure and mechanical behavior of AA2024 aluminum matrix composites reinforced with in situ synthesized ZrB₂ particles, Journal of Alloys and Compounds, Volume 735, 25 February 2018, Pages 2167–2174, Elsevier publications.
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9. S. Saravanakumar, S. Gopalakrishnan, I. Dinaharan, K. Kalaiselvan, Assessment of microstructure and wear behavior of aluminum nitrate reinforced surface composite layers synthesized using friction stir processing on copper substrate, Surface & Coatings Technology 322 (2017) pp. 51–58, Elsevier publications.
10. Dinaharan I, Kalaiselvan K, Murugan N. “Influence of rice husk ash particles on microstructure and tensile behavior of AA6061 aluminum matrix composites produced using friction stir processing, Composites Communications Volume 3, March 2017, Pages 42–46, Elsevier publications.
11. Kalaiselvan, K, I. Dinaharan, and Murugan, N. “Characterization of friction stir welded boron carbide particulate reinforced AA6061 aluminum alloy stir cast composite” Materials and Design, Materials and Design, 55 pp.176–182, 2014, Elsevier publications.
12. Kalaiselvan, K. and Murugan, N. “Role of Friction Stir Welding Parameters on Tensile Strength of the AA6061-B₄C Composite Joints”, Transactions of Nonferrous Metals Society of China, Vol.23, Issue No. 3, pp. 616–624, 2013, Elsevier publications.
13. Kalaiselvan, K. and Murugan, N. “Dry sliding wear behavior of friction stir welded aluminum (6061) - B₄C composite”, International Journal of Microstructure and Materials Properties, Vol.8, No. 3, pp. 239–251, 2013, Inderscience publications.

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16. P. Anandakumar, K. Kalaiselvan, I. Dinakaran, S.J. Vijay, Dr. N. Murugan, The Effect of Friction Powder Processing on Microstructure and Mechanical Characteristics of SiC Reinforced Aluminum Alloy, *International Journal of Composite Materials and Manufacturing* (ISSN 2249-4030), Vol.02, Issue No 01, pp.10-13, 2012, BMR Publications.
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