List of publications

1. P.Ramkumar, **S.J. Vijay,** S.Mohanasundaram,Novel solid-state metal additive manufacturing technique: Experiments and investigations, (2019) International Journal of Mechanical Engineering and Technology, 10(2), pp. 809-816.
2. **S.J. Vijay,** Alexandre Tugirumubano, Sun Ho Go, Lee Ku Kwac, Hong Gun Kim, Electrospinning of PAN-Hematite Composite Nanofiber, (2019) Lecture Notes in Mechanical Engineering, pp. 495-502.
3. Mona Sahu, **S.J. Vijay**, M. Wilson Kumar, S. Darius Gananaraj, Design and Fabrication of an Automated Seat Pan and Armrest height adjustable chair, (2018) International Journal of Mechanical Engineering and Technology, 9(13), pp. 45-53.
4. K. John Joushua, **S.J. Vijay**, D. Philip Selvaraj, Effect of Nano TiO2 Particles on Microhardness and Microstructural Behavior of AA7068 Metal Matrix Composites, (2018) Ceramics International, 44(17), pp. 20774-20781. [IF:3.057]
5. Jims John Wessley, GaithFrankling, **S.J.Vijay**, Fabrication and Mechanical Characterization of Stir Cast AA6063-Borosilicate-Fry Ash Hybrid Metal Matrix Composites, (2018) International Journal of Engineering & Technology, 7(3.6), pp. 101-105. [IF:0.001]
6. Alexandre Tugirumubano, **S.J. Vijay**, Sun Ho Go, Lee Ku Kwac, Hong Gun Kim, The Evaluation of Electromagnetic Shielding Properties of CFRP/Metal Mesh Hybrid Woven Laminated Composites, (2018) Journal of Composite Materials, 10.1177/00219983187750511. [IF:1.494]
7. Alexandre Tugirumubano, **Santhiyagu Joseph Vijay**, Sun Ho Go, Lee Ku Kwac, Hong Gun Kim, Investigations of Mechanical and Electromagnetic Interference Shielding Properties of Nickel-CFRP Textile Composites, (2018) Journal of Materials Engineering and Performance, 10.1007/s11665-018-3334-6 [IF:1.331]
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11. Mathew, N., Dinaharan, I., **Vijay, S.J.**, Murugan, N., Microstructure and Mechanical Characterization of Aluminum Seamless Tubes Produced by Friction Stir Back Extrusion, (2016) Transactions of the Indian Institute of Metals, 69 (10), pp. 1811-1818. [IF:0.533]
12. Dinaharan, I., Nelson, R., **Vijay, S.J.**, Akinlabi, E.T., Microstructure and wear characterization of aluminum matrix composites reinforced with industrial waste fly ash particulates synthesized by friction stir processing, (2016) Materials Characterization, 118, pp. 149-158. [IF:2.714]
13. Lijay, K.J., Selvam, J.D.R., Dinaharan, I., **Vijay, S.J.**, Microstructure and mechanical properties characterization of AA6061/TiC aluminum matrix composites synthesized by in situ reaction of silicon carbide and potassium fluotitanate, (2016) Transactions of Nonferrous Metals Society of China (English Edition), 26 (7), pp. 1791-1800. [IF:1.342]
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