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LIST OF PUBLICATIONS

1. Raju, P., Raja, K., **Lingadurai, K.**, Maridurai, T., & Prasanna, S. C. (2020). Mechanical, wear, and drop load impact behavior of glass/Caryota urens hybridized fiber-reinforced nanoclay/SiC toughened epoxy multihybrid composite. *POLYMER COMPOSITES*.
2. Rajkumar, T., Raja, K., **Lingadurai, K.**, Vetrivel, S. D., & Antony, A. G. Interfacial Microstructure Analysis of AA2024 Welded Joints by Friction Stir Welding Interfacial Microstructure Analysis of AA2024 Welded Joints by Friction Stir Welding.
3. Karuppusamy, P., **Lingadurai, K.**, & Sivananth, V. (2020). Effects of T4 and T6 Heat Treatments on the Wear Behaviour of WC-Reinforced Mg Alloy Matrix Composite. *Transactions of the Indian Institute of Metals*, 73(3), 521-530.
4. Balu, M., **Lingadurai, K.**, Shanmugam, P., Raja, K., Teja, N. B., & Vijayan, V. (2020). Biodiesel production from Caulerpa racemosa (macroalgae) oil.
5. Krishnakumar, M., **Lingadurai, K.**, Mukesh, R., Princeraj, L., Naveen, V., Kavya, M., & Kiran, A. S. (2019, July). Performance analysis of NACA2411 ice accreted original and optimized airfoils. In *AIP Conference Proceedings* (Vol. 2128, No. 1, p. 050002). AIP Publishing LLC.
6. Karuppusamy, P., **Lingadurai, K.**, & Sivananth, V. (2019). To study the role of WC reinforcement and deep cryogenic treatment on AZ91 MMNC wear behavior using multilevel factorial design. *Journal of Tribology*, 141(4).
7. Prabakaran, M. P., Kannan, G. R., & **Lingadurai, K.** (2019). Microstructure and mechanical properties of laser-welded dissimilar joint of AISI316 stainless steel and AISI1018 low alloy steel. *Caribb. J. Sci*, 53, 978-998.
8. Sivananth, V., Karuppusamy, P., & **Lingadurai, K.** (2019). Wear and corrosion behaviour of titanium carbide reinforced metal matrix composites for automobile brake disc application. *International Journal of Materials Engineering Innovation*, 10(3), 246-267.
9. Karuppusamy, P., **Lingadurai, K.**, & Sivananth, V. (2019). Influence of Cryogenic Treatment on As-Cast AZ91+ 1.5 wt% WC Mg-MMNC Wear Performance. In *Advances in Materials and Metallurgy* (pp. 185-197). Springer, Singapore.

10. Mukesh, R., **Lingadurai, K.**, & Selvakumar, U. (2018). Airfoil Shape Optimization based on Surrogate Model. *Journal of The Institution of Engineers (India): Series C*, 99(1), 1-8.
11. Nishanth, R., **Lingadurai, K.**, Periyannan, S., & Balasubramaniam, K. (2017). Ultrasonic waveguide-based distributed temperature measurement on a solid surface. *Insight-Non-Destructive Testing and Condition Monitoring*, 59(7), 358-363.
12. Chellappan, M., **Lingadurai, K.**, & Sathiya, P. (2017). Characterization and Optimization of TIG welded supermartensitic stainless steel using TOPSIS. *Materials Today: Proceedings*, 4(2), 1662-1669.
13. Kumar, I. J., **Lingadurai, K.**, Raja, K., & Ganeshan, P. (2017). Performance and Emission Characteristics of Diesel-Soybean Methyl Ester Blends using Variable Piston Geometry in Direct Injection Compression Ignition Engine. *Asian Journal of Research in Social Sciences and Humanities*, 7(2), 208-227.