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List of Publications

1. P.Karuppusamy, K.Lingadurai, P.Sivananth, **"**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**,** 2020, 521–530, ISSN: **0972-2815,**DOI: https://link.springer.com/article/10.1007/s12666-020-01860-9, (IF-1.025).

2. P.Karuppusamy, K.Lingadurai, P.Sivananth, " Wear and Corrosion behavior of titanium carbide metal matrix composite for automobile brake and applications" Int. J. of Mat. Engg., Inov., 10(3), 246-267,2019,ISSN:17572762, DOI:***http://www.indersciecneonline.com/doi/abs/10.1504/IJMATE.2019.101970***, **(IF-0.77)**

3. P.Karuppusamy, K.Lingadurai, P.Sivananth, "Influence of Cryogenic Treatment on AS-cast AZ91+1.5wt% WC Mg-MMNC wear Performance" *Advances in materials & Metallurg* 4, 2019, 185-197, ISSN: 0742-4787, DOI: ***https://doi.org/10.1115/1.4042506*,(IF-1.89).**

4. P.Karuppusamy, K.Lingadurai, P.Sivananth, "To study of the role of WC reinforcement and deep cryogenic treatment on AZ91 MMNC wear behavior using multilevel factorial design" *Journal of tribology* 4, 2019, 041608-11, ISSN: 0742-4787, DOI: ***https://doi.org/10.1115/1.4042506*,(IF-1.89).**

5. M.Chellappan, K.Lingadurai, P.Sathiya, "Characterization and Optimization of TIG welded super martensitic stainless steel using TOPSIS" *Materials Today: Proceedings* 4, 2017, 1662–1669, ISSN: 2214-7853,DOI: ***www.sciencedirect.com/science/article/pii/S2214785317302018,*** UGC-J.No.49021**.(IF-0.314).**

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8. R.Nishanth, **K.Lingadurai**, S.Periyannan and K.Balasubramaniam, "Unltrasonic waveguide-based distributed temperature measurement on a soil surface", *J.of the British Inst. Of NDT,* INSIGHT-NDT&CM,59(7),2017,358-363,ISSN:1354-2575DOI: ***www.ingentaconnect.com/contentone/ bindt/insight/2017/00000059/00000007/art00004***, UGC-J.No. 21251. **(IF-0.3).**

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