

List of Publications of Dr.M.ArulRaj

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LIST OF PUBLICATIONS

International Journals

1. **Arulraj M, & P.K.Palani** 2018 'Parametric optimization for improving impact strength of squeeze cast of hybrid metal matrix (LM24-SiC_p-coconut shell ash) composite' Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol. 40, pp. 1-10, ISSN 1678-5878 : **IF-1.743**.
 2. **Arulraj M, P.K.Palani, & Venkatesh L**, 2019 'Multi-objective optimization of high speed turning parameters of hybrid aluminium matrix composite reinforced with silicon carbide and coconut shell ash', Journal of the Chinese Society of Mechanical Engineers, ISSN 0257-9731 Vol. 40, no. 2, pp. 191-200. **IF-0.274**.
 3. **Arulraj M, P.K.Palani, & Venkatesh L**, 2019 'Optimization of machining parameters in turning of hybrid aluminium matrix (LM24-SiC_p-coconut shell ash) composite', Materiali in tehnologije / Materials and technology, ISSN 1580-2949 Vol.53, no.2, pp.263-268: **IF-0.714**.
 4. **Arulraj M, P.K.Palani, & Venkatesh L**, 2016 'Experimental investigation on dry sliding wear behaviour of hybrid metal matrix (Al-Al₂O₃-B₄C) composite' International Journal of ChemTech Research, vol. 9, no.05, pp. 359-364, ISSN 0974-4290.(**Scopus Indexed**)
 5. **Arulraj M, P.K.Palani, & Sowrirajan M**, 2019 'Enhancing wear resistance of squeeze cast hybrid aluminium matrix (LM24-SiC_p-coconut shell ash) composite',
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International Journal of Computational Materials Science and Surface Engineering, vol. 8, no. 2, pp. 145-166, ISSN 1753-3465. **(Scopus Indexed)**

6. **Arulraj M**, P.K.Palani, Sowrirajan M, S.Vijayan & J.P.Davim 2019 ‘Optimization and Effect of Squeeze Casting Process Parameters on Tensile Strength of Hybrid Metal Matrix Composite’, Journal of Manufacturing Technology Research, vol. 11, no. 3-4, pp. 137-154, ISSN 1943-8095. **(Scopus Indexed)**
 7. M Sowrirajan, S Vijayan, & **Arulraj M**, 2019 ‘Application of regression models in multi-objective optimization of FCAW process variables on volume of austenitic stainless steel clad layers’, Journal of the Chinese Society of Mechanical Engineers, ISSN 0257-9731. **(Accepted for Publication) IF-0.274**
 8. **Arulraj M**, P.K.Palani, S.Vijayan, & T.Pugalenth, 2020 ‘Studies on microstructural and tensile behaviour of aluminium metal matrix composites with addition of SiC_p and coconut shell ash by squeeze casting method’, Journal of the Chinese Society of Mechanical Engineers, ISSN 0257-9731. **(Accepted for Publication) IF-0.274.**
 9. S.Om Prakash, T. Mathavaraj Ravikumar, **Arulraj M**, 2020 ‘Experimental Study on Mechanical Properties of Randomly Oriented Natural Fiber Hybrid Composites’, Iranian (Iranica) Journal of Energy and Environment, vol. 11, no. 1, pp.70-74, ISSN 2079-2115. **(Scopus Indexed)**
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