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Publications:

1. S. Balamurugan, C. Gokul, S. Abith Tamil Dheen, S.J. Eashwar, N. Arun Kumar, "Application of grey relational analysis in biodiesel production from linseed oil using novel eggshell catalyst" Materials Today: Proceedings, Elsevier, 2020,
2. S Balamurugan "Application of Multi-Attribute Decision Making Approach for Transesterification Process using Grey Relational Analysis." Journal of Engineering Science & Technology Review, Volume 13, Issue 4, 2020
3. S. Ranjith Kumar, V.P. Srinivasan, S. Balamurugan, S. Dinesh Krishnaa, V. Gokul, S. Anudeep, "Optimization of machine machining parameters in EDM of silicon nitride-titanium nitride based on RSM," Materials Today: Proceedings, 2020,
4. V.P. Srinivasan, P.K. Palani, S. Dhayananthan, S. Gopi, S. Balamurugan, S. Mohana Venkatesh, "A Multi Criteria Decision Making (MCDM) based on TOPSIS and RSM for process improvement in electrical discharge machining of silicon nitride-titanium nitride ceramic composites", Materials Today: Proceedings, 2020,
5. N.S. Senthur, S. BalaMurugan, H. RamGanesh, S. Divakara, "Experimental analysis on the performance, emission, and combustion characteristics of diesel, and diesel-water emulsions in low heat rejection engine," Materials Today: Proceedings, 2020,
6. S. Ranjith Kumar, V.P. Srinivasan, S. Balamurugan, S. Dinesh Krishnaa, V. Gokul, S. Anudeep, "Optimization of machine machining parameters in EDM of silicon nitride-titanium nitride based on RSM," Materials Today: Proceedings, 2020,
7. N.S. Senthur, R. Karthikeyan, S. BalaMurugan, S. Divakara, M. Esakkiraja, "Experimental investigation of nano metal oxide blended Eucalyptus bio fuel on common rail direct injected diesel engine," Materials Today: Proceedings, 2020,
8. S Balamurugan, R Ranjith "Cold metal transfer (CMT) technology-A review" International Journal of Pure and Applied Mathematics, Volume 119, Issue 12, Pages: 2185-2196, 2018
9. R Ranjith, PK Giridharan, J Devaraj, S Balamurugan " FRICTIONAL BEHAVIOR OF THE AA7050/B₄C_p ALUMINUM COMPOSITES" Composites: Mechanics, Computations, Applications: An International Journal, Volume 9, Issue 1, 2018

10. VP Srinivasan, S Balamurugan “Formability Analysis of Aluminum Based Alloy By Using Finite Element Method,” IJSART - Volume 3 Issue 12 , 2017
11. Balamurugan, Samraj, et al. “A Comparative Analysis and Effect of Water Depth on the Performance of Single Slope Basin Type Passive Solar Still Coupled with Flat Plate Collector and Evacuated Tube Collector.” *Applied Mechanics and Materials*, vol. 867, Trans Tech Publications, Ltd., July 2017, pp. 195–202. Crossref, doi:10.4028/www.scientific.net/amm.867.195.
12. S. Balamurugan, N. Janarthanan, K.R.M. Vijaya Chandrakala, “Small and large signal modeling of heavy duty gas turbine plant for load frequency control,” *International Journal of Electrical Power & Energy Systems*, Volume 79, 2016, Pages 84-88, ISSN 0142-0615, <https://doi.org/10.1016/j.ijepes.2016.01.001>