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Publication Details:

1. S Balamurugan, C Gokul, SAT Dheen, SJ Eashwar, NA Kumar, “ Application of grey relational analysis in biodiesel production from linseed oil using novel eggshell catalyst” Materials Today: Proceedings, 2020.
2. S Balamurugan, “Application of Multi-Attribute Decision Making Approach for Transesterification Process using Grey Relational Analysis.” Journal of Engineering Science & Technology Review issu:13, Volu 4.
3. SR Kumar, VP Srinivasan, S Balamurugan, SD Krishnaa, V Gokul,, “ Optimization of machine machining parameters in EDM of silicon nitride-titanium nitride based on RSM” Materials Today: Proceedings,2020.
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5. BalaMurugan,NS Senthur, S 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 Balamurugan, VP Srinivasan, , B Balakarthish, SD Darshan, ABD Prabhu, “ Experimental investigation on ultrasonic metal welding of copper sheet with copper wire using Taguchi method” Materials Today: Proceedings, 2020.
7. S BalaMurugan, NS Senthur, R Karthikeyan, , 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 , V Karthickeyan, , B Ashok, S Thiagarajan, “Process Optimization Study of Alternative Fuel Production From Linseed Oil” Recent Technologies for Enhancing Performance and Reducing Emissions in Diesel Engines, 2020.
9. S Balamurugan, R Ranjith, “ Cold metal transfer (CMT) technology-A review”, International Journal of Pure and Applied Mathematics 119 (12), 2185-2196,2018.
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11. VP Srinivasan, S Balamurugan, “ Formability Analysis of Aluminum Based Alloy By Using Finite Element Method” <https://www.researchgate.net/publication/322076611>, 2017.
12. S Balamurugan, NS Sundaram, KP Marimuthu, J Devaraj, “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 867, 195-202,2017.

13. S Balamurugan, KRMVC N. Janarthanan, “ [Small and large signal modeling of heavy duty gas turbine plant for load frequency control](#)” International Journal of Electrical Power & Energy Systems 79, 84-88,2018.