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Machine Layout Design    Heuristic Optimisation    Bio-diesel / lubricants  
Composite Materials

SL.NO	Title	Cited by	Year
1	Effect of diethyl ether and ethanol as an oxygenated additive on Calophyllum inophyllum biodiesel in CI engine A Tamilvanan, K Balamurugan, B Ashok, P Selvakumar, S Dhamotharan, ... Environmental Science and Pollution Research, 1-19		2020
2	Optimization of process parameter in the production of Jatropha Methyl Ester using response surface methodology C Sasikumar, K Balamurugan, S Jegadheeswaran, R Sathyamurthy Biocatalysis and Agricultural Biotechnology 27, 101693		2020
3	Parameter optimization of copper nanoparticle synthesis by electrodeposition process using RSM and CS A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, ... Materials Today: Proceedings		2020
4	Influence of Nano-Particle Additives on Bio-Diesel-Fuelled CI Engines: A Review A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, B Ashok, R Sakthivel Recent Technologies for Enhancing Performance and Reducing Emissions in ...	1	2020
5	Mechanical Characteristics of Fly Ash Reinforced Aluminium Metal Matrix Composite-Art of Review R Palanichamy, J Lakshmipathy, B Kulendran, M Vairavel International Journal of Advanced Research in Engineering and Technology ...	1	2019
6	Production, performance and emission analysis of Tamanu oil-diesel blends along with biogas in a diesel engine in dual cycle mode T Ayyasamy, K Balamurugan, S Duraisamy International Journal of Energy Technology and Policy 14 (1), 4-19	8	2018
7	Effects of nano-copper additive on performance, combustion and emission characteristics of Calophyllum inophyllum biodiesel in CI engine A Tamilvanan, K Balamurugan, M Vijayakumar Journal of Thermal Analysis and Calorimetry, 1-14	29	2018
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9	Tribological and Corrosion Behaviour of AL 6063/SIC Metal Matrix Composites MK Aravindan, K Balamurugan Int J AdvEngg Tech/Vol. VII/Issue II/April-June 994, 999	5	2016
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11	Comparative wear behaviour of Al 6063 with sic and nano sic metal matrix compositesMK Aravindan, K Balamurugan ARPN Journal of Engineering and Applied Sciences 11 (9), 5739-5744	1*	2016