

Other University

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Year of Publication	Title
2018	Sakthivel R., Ramesh K, R. Purnachandran, and P. Mohamed Shameer, “A review on the properties, performance and emission aspects of the third generation biodiesels”, Renewable and Sustainable Energy Reviews, vol. 82, pp. 2970 - 2992, 2018.[Abstract]
2018	Sakthivel R. and Ramesh K, “Analytical characterization of products obtained from slow pyrolysis of Calophyllum inophyllum seed cake: study on performance and emission characteristics of direct injection diesel engine fuelled with bio-oil blends”, Environmental Science and Pollution Research, vol. 25, no. 10, pp. 9523–9538, 2018.[Abstract]
2018	Sakthivel R., Ramesh K, Mohamed Shameer P, and Purnachandran R, “A Complete analytical characterization of products obtained from pyrolysis of wood barks of Calophyllum inophyllum”, Waste and Biomass valorization, pp. 1-15, 2018.[Abstract]
2018	P. Ramakrishnan, Ramesh K, Sakthivel R., and Mohamed Shameer Peer, “Assessment of n-pentanol/Calophyllum inophyllum/diesel blends on the performance, emission, and combustion characteristics of a constant-speed variable compression ratio direct injection diesel engine.”, Environmental science and pollution research international, vol. 25 , no. 14, pp. 13731-13744, 2018.[Abstract]
2018	Sakthivel R., Ramesh K, P. Mohamed Shameer, and R. Purnachandran, “Experimental investigation on improvement of storage stability of bio-oil derived from intermediate pyrolysis of Calophyllum inophyllum seed cake”, Journal of the Energy Institute, 2018.[Abstract]
2018	Sakthivel R. and Ramesh K, “Studies on the effects of storage stability of bio-oil obtained from pyrolysis of Calophyllum inophyllum deoiled seed cake on the performance and emission characteristics of a direct-injection diesel engine”, Environmental Science and Pollution Research, vol. 25, no. 18, pp. 17749–17767, 2018.[Abstract]

Year of Publication	Title
2018	Ramesh K, Baranitharan P, and Sakthivel R., “Characterization of pyrolysis bio-oil derived from intermediate pyrolysis of Aegle marmelos de-oiled cake: study on performance and emission characteristics of C.I. engine fueled with Aegle marmelos pyrolysis oil-blends”, Environmental Science and Pollution Research, 2018.[Abstract]
2017	Mohamed Shameer Peer, Ramesh K, Sakthivel R., and Purnachandran Ramakrishnan, “Experimental evaluation on oxidation stability of biodiesel/diesel blends with alcohol addition by rancimat instrument and FTIR spectroscopy”, Journal of Mechanical Science and Technology, vol. 31, no. 1, pp. 455–463, 2017.[Abstract]
2017	Sakthivel R. and Ramesh K, “Influence of temperature on yield, composition and properties of the sub-fractions derived from slow pyrolysis of Calophyllum inophyllum de-oiled cake”, Journal of Analytical and Applied Pyrolysis, vol. 127, pp. 159 - 169, 2017.[Abstract]
2016	P. Mohamed Shameer, Ramesh K, Sakthivel R., and R. Purnachandran, “Effects of fuel injection parameters on emission characteristics of diesel engines operating on various biodiesel: A review”, Renewable and Sustainable Energy Reviews, vol. 67, pp. 1267 - 1281, 2016.[Abstract]
2015	Sakthivel R. and Ramesh K, “Experimental investigation on the effects of diesel and its blends on the performance and emission characteristics of a DI-diesel engine”, International Journal of Applied Engineering Research, vol. 10, pp. 340-344, 2015.