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Publications in SCI, WOS indexed Journals

1. Janakiraman, S., **T. Lakshmanan**, V. Chandran, and Lingesan Subramani. 2020. “Comparative Behavior of Various Nano Additives in a DIESEL Engine Powered by Novel Garcinia Gummi-Gutta Biodiesel.” *Journal of Cleaner Production* 245:118940. doi: 10.1016/j.jclepro.2019.118940.
2. Velu Chandran, Thomas Manvel Raj and **Thangavelu Lakshmanan**. 2018. “Sound and Vibration Behavior Assessment of Different Sizes of Waste Tyre Rubber in Natural Rubber Composites for Damping Applications.” *Chiang Mai J. Sci.* 45(1): 515-527
3. Chandran, Velu, Thomas MANVEL Raj, and **Thangavelu Lakshmanan**. 2016. “Effect of Recycled Rubber Particles and Silica on Tensile and Tear Properties of Natural Rubber Composites.” *Materials Science* 22(2):256–61. doi: 10.5755/j01.ms.22.2.7330.
4. Venugopal, Dillibabu, **Lakshmanan Thangavelu**, and Natarajan Elumalai. 2018. “Energy, Exergy and Sustainability Analysis of Rice Husk Air Gasification Process.” *Thermal Science* (00):68–68. doi: 10.2298/TSCI170613068V.
5. Venugopal, Dillibabu, **Lakshmanan Thangavelu**, and Natarajan Elumalai. 2019. “Air and Oxygen Gasification Simulation Analysis of Sawdust.” *Thermal Science* 23(2 Part B):1043–53. doi: 10.2298/TSCI170613102V.
6. Janakiraman S and **Lakshmanan Thangavelu**, 2016. “Effect of Bioethanol as Intermixed Fuel on Compression Ignition Engines”, *International Journal of Printing, Packaging & Allied Sciences*, 4(6)
7. Khadeer Ahmed and **Lakshmanan Thangavelu**, 2016. “Bio Diesel from Sapote Seed Oil and its Effect on Engine Performance, Combustion and Emission Characteristics in a Diesel Engine”, *International Journal of Printing, Packaging & Allied Sciences*, 4(6)