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Experience : Industry : Academic : 9
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Research Area : Rocket Combustion and Material Characterization



Publication details:

1. Pal, Y., Kumar, H.K. and Yueh Heng Li. (2018). Ballistic and Mechanical Characteristics of Paraffin-Based Solid Fuels, CEAS Aeronautical Journal, (Under Review)
2. Pal, Y., and Ravikumar, V. (2018). Mechanical Characterization of Paraffin-Based Hybrid Rocket Fuels, Materials Today Proceeding, (Accepted for Publication, Elsevier).
3. Pal, Y., and Kumar, V. R. (2017). Thermal decomposition study of paraffin-based hybrid rocket fuel containing Aluminum and Boron additives. *Thermochimica Acta*, 655, 63–75.(Citation-04) IF 2.83
4. Pal, Y., and Kumar, V. R. (2017). Physical and Ballistic Characterization of Aluminum-Loaded Paraffin Hybrid Rocket Fuels. *Energy & Fuels*, 31(9), 10133–10143. (Citation-03) IF 3.081
5. U Singhal, U., Pal, Y. (2016). Propellant-Less Thrust Generation-A Review, *Applied Mechanics and Materials* 852, 639-645.
6. Pal, Y., and Athmanathan, E. (2015). Ballistic Performance of Paraffin Based Hybrid Rocket Fuels, *International Journal of Applied Engineering Research*, 10(55): 937-3939.
7. Pal, Y., and Sairam. K. J. (2015). Effect of Oxidizer Concentration on Ignition Delay in Solid Rocket Propellants Combustion, *International Journal of Applied Engineering Research*, 10(20): 2008-2011.
8. Pal, Y., and Baskar, J. (2012). Testing of Paraffin-based Hybrid Rocket Fuel using Gaseous Oxygen Oxidiser, *Defence Science Journal*, 62(5): 277-283, DOI:10.14429/dsj.62.2346. (Citations-05)