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PUBLICATION DETAILS (LAST 5 YEARS)

1. K. G. Ashok, **K. Kalaichelvan**. Mechanical, ballistic impact, and water absorption behavior of luffa/graphene reinforced epoxy composites. Polymer Composites. 2020; 1–11. <https://doi.org/10.1002/pc.25745>
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5. S Soundararaj, T Christopher, **K Kalaichelvan** (2019) “Process Parameter Correlation in Low Pressure Hydro Forming of 6063-O Aluminium Tubes” Mechanics 25 (1), 64-72.
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15. MRP Kumar, K Prakasan, **K Kalaichelvan** (2016) , "Experimental investigation and multiphysics simulation on the influence of micro tools with various end profiles on diametrical overcut of holes machined using electrochemical micromachining for a predetermined optimum combination of process parameters", *Russian Journal of Electrochemistry* 52 (10), 943-954
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24. L Poovazhagan, **K Kalaichelvan**(2015), VR Balaji, P Haripriya, SC Amith, " Upshot of Ultrasonic Amplitude on Developing the AA6061/SiC Metal Matrix Nanocomposites", *Applied Mechanics and Materials* 787, 558-562.
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28. Mohammed Bak K., **Kalaichelvan K.**, Jothilingam A. and RajendraBoopathy S. (2015), "Acoustic emission Characterisation of failure modes of single-lap joints in Glass/Epoxy specimens", *Journal of Composite materials*, DOI: 10.1177/0021998315569749, Vol.O(0),pp.1-21.(Impact factor 1.03)