

King Khalid University College of Engineering/Mechanical Engineering Department

Publication Details

1. Abbas, M., M. Alqahtani, A. Algahtani, A. Kessentini, H. Loukil, M. Parayangat, T. Ijyas and A. W. Mohammed (2020). "Validation of Nanoparticle Response to the Sound Pressure Effect during the Drug-Delivery Process." Polymers **12**(1).
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3. Ahmed, M. S., K. P. Nair, M. S. Khan, A. Algahtani and M. Rehan "Evaluation of date seed (Phoenix dactylifera L.) oil as crop base stock for environment friendly industrial lubricants." Biomass Conversion and Biorefinery.
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5. Arun, K. R., M. Srinivas, C. A. Saleel and S. Jayaraj (2020). "Influence of the location of discrete macro-encapsulated thermal energy storage on the performance of a double pass solar plate collector system." Renewable Energy **146**: 675-686.
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11. El-Assal, B., K. Irshad and A. Ali (2020). "Effect of Side Reflectors on the Performance of Flat Plate Solar Collector: A Case Study for Asir Region, Saudi Arabia." Arabian Journal for Science and Engineering **45**(2): 1035-1050.
12. Islam, S., R. A. B. Abdullah, I. A. Badruddin, A. Algahtani, S. Shahid, K. Irshad, J. Mallick, H. Hirol, M. Alsubih, M. H. Elouni and N. B. Kahla (2020). "CALIBRATION AND VALIDATION OF REFERENCE EVAPOTRANSPIRATION MODELS IN SEMI-ARID CONDITIONS." Applied Ecology and Environmental Research **18**(1): 1361-1386.
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 73. Riheme Sarraj · Wissem Elkhel Letaief · Tarek Hassine· Fehmi Gamaoun · Mohamed Hechmi El Ouni, Modeling of Hydrogen Diffusion Towards a NiTi Arch Wire Under Cyclic, Loading, *Metals and Materials International* ,<https://doi.org/10.1007/s12540-019-00425-w>