

King Khalid University College of Engineering/Chemical Engineering Department Publication Details

- Salahuddin, T.; Bashir, A.; Khan, M.; Al Alwan, B.; Almesfer, M.Hybrid nanofluid analysis for a class of alumina particles. Chinese Journal of Physics, doi.org/10.1016/j.cjph.2021.11.012.
- Salahuddin, T.; Khan, M.; Khan, M.; Al Alwan, B.; Amari, A.An analysis on the flow behavior of MHD nanofluid with heat generation.Fuel, doi.org/10.1016/j.fuel.2021.122548.
- Salahuddin, T.; Siddique, N.; Khan, M.; Al Alwan, B.; Almesfer, M.Outlining the influence of thermal and solutal stratifications on mixed convection second grade fluid flow near an irregular cylinder with induced magnetic field. Waves in Random and Complex Media, DOI: 10.1080/17455030.2021.2009153.
- Khan, M.; Salahuddin, T.; Khan, Q.; Al Alwan, B.; Almesfer, M.Numerical study of binary mixture and thermal analysis near a solar radiative heated surface. Solar Energy 2022, 231, 262–269.
- Al-Sodany, Y.M.; Saleh, M.A.; Arshad, M.; Abdel Khalik, K.N.; Al-Bakre, D.A.; Eid, E.M. Regression Models to Estimate Accumulation Capability of Six Metals by Two Macrophytes, *Typha domingensis* and *Typha elephantina*, Grown in an Arid Climate in the Mountainous Region of Taif, Saudi Arabia. *Sustainability* 2022, *14*, 1. <https://doi.org/10.3390/su14010001>.
- Sandhya Venkateshalu, G Subashini, Preetam Bhardwaj, George Jacob, Raja Sellappan, Vimala Raghavan, Sagar Jain, Saravanan Pandiaraj, Varagunapandiyan Natarajan, Basem Abdullah M Al Alwan, Mohammed Khaloofah Mola Al Mesfer, Abdulla Alodhayb, Mohamad Khalid, Andrews Nirmala Grace, Phosphorene, antimonene, silicene and siloxene based novel 2D electrode materials for supercapacitors-A brief review, Journal of Energy Storage (2022) 48, 104027.
- K.B. Ansari, V.G.Gaikar, Q.T.Trinh, M.S. Khan, A.Banerjee, D.R.Kanchan, M.K.Al Mesfer, **M.Danish**, Carbon dioxide capture over amine functionalized styrene divinylbenzene copolymer: An experimental batch and continuous studies, Journal of Environmental Chemical Engineering, 10, 106910, 2022.