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2017

1. Akbar NS, Khan LA, **Khan ZH**, Mir NA. Natural Propulsion with Lorentz Force and Nanoparticles in a Bioinspired Lopsided Ciliated Channel. Journal of Bionic Engineering. 2017 Jan 31;14(1):172-81.

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2. Akbar NS, Tripathi D, Bég OA, **Khan ZH**. MHD dissipative flow and heat transfer of Casson fluids due to metachronal wave propulsion of beating cilia with thermal and velocity slip effects under an oblique magnetic field. Acta Astronautica. 2016 Dec 31;128:1-2.

3. Akbar, Noreen Sher, and **Zafar Hayat Khan**. "Effect of variable thermal conductivity and thermal radiation with CNTS suspended nanofluid over a stretching sheet with convective slip boundary conditions: Numerical study." Journal of Molecular Liquids 222 (2016): 279-286.

4. Haq, Rizwan Ul, **Khan ZH**, Hussain ST, Hammouch Z. Flow and heat transfer analysis of water and ethylene glycol based Cu nanoparticles between two parallel disks with suction/injection effects. Journal of Molecular Liquids. 2016 Sep 30;221:298-304.

5. Akbar NS, Tripathi D, **Khan ZH**, Bég OA. A numerical study of magnetohydrodynamic transport of nanofluids over a vertical stretching sheet with exponential temperature-dependent viscosity and buoyancy effects. Chemical Physics Letters. 2016 Sep 16;661:20-30.

6. Akbar N, Beg OA, **Khan ZH**, Tripathi D. Magneto-nanofluid flow with heat transfer past a stretching surface for the new heat flux model using numerical approach. International Journal of Numerical Methods in Heat and Fluid Flow. 2016 Sep 14.

7. Akbar, Noreen Sher, and **Zafar Hayat Khan**. "Magnetic field analysis in a suspension of gyrotactic microorganisms and nanoparticles over a stretching surface." Journal of Magnetism and Magnetic Materials 410 (2016): 72-80.

8. Rehman, S.U., Haq, R.U., **Khan, Z.H**. and Lee, C., 2016. Entropy generation analysis for non-Newtonian nanofluid with zero normal flux of nanoparticles at the stretching surface. Journal of the Taiwan Institute of Chemical Engineers, 63, pp.226-235.

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16. W.A. Khan, O.D. Makinde and **Z.H. Khan**. " Non-aligned MHD stagnation point flow of variable viscosity nanofluids past a stretching sheet with radiative heat." *International Journal of Heat and Mass Transfer*, 96 (2016): 525 - 534.

17. Hussain, S. T., **Z. H. Khan**, and S. Nadeem. "Water driven flow of carbon nanotubes in a rotating channel." *Journal of Molecular Liquids* 214 (2016): 136-144.

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