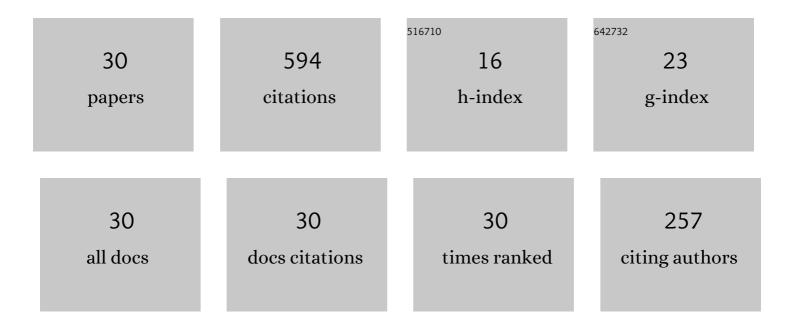
## Akbar Zaman

List of Publications by Year in descending order

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Δκβλα Ζλμαλι

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Electro-osmosis modulated peristaltic flow of oldroyd 4-constant fluid in a non-uniform channel.<br>Indian Journal of Physics, 2022, 96, 825-837.  | 1.8 | 5         |
| 2  | Thermal analysis of unsteady hybrid nanofluid magneto-hemodynamics flow via overlapped curved<br>stenosed channel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of<br>Mechanical Engineering Science, 2022, 236, 8754-8766. | 2.1 | 3         |
| 3  | Theoretical Analysis of Peristaltic Viscous Fluid with Inhomogeneous Dust Particles. Arabian Journal for Science and Engineering, 2021, 46, 31-39.   | 3.0 | 7         |
| 4  | Time dependent non-Newtonian nano-fluid (blood) flow in w-shape stenosed channel; with curvature effects. Mathematics and Computers in Simulation, 2021, 181, 82-97.   | 4.4 | 22        |
| 5  | Simulations of unsteady blood flow through curved stenosed channel with effects of entropy generations and magneto-hydrodynamics. International Communications in Heat and Mass Transfer, 2021, 127, 105569.   | 5.6 | 12        |
| 6  | A bioconvection model for viscoelastic nanofluid confined by tapered asymmetric channel: implicit finite difference simulations. Journal of Biological Physics, 2021, 47, 499-520.   | 1.5 | 3         |
| 7  | Computational biomedical simulations of hybrid nanoparticles on unsteady blood hemodynamics in a stenotic artery. Mathematics and Computers in Simulation, 2020, 169, 117-132.   | 4.4 | 28        |
| 8  | Biomedical study of effects nanoparticles on unsteady blood (non-Newtonian) flow through a catheterized stenotic vessel. Canadian Journal of Physics, 2019, 97, 487-497.   | 1.1 | 12        |
| 9  | Numerical computation of nonlinear oscillatory twoâ€immiscible magnetohydrodynamic flow in dual porous media system: FTCS and FEM study. Heat Transfer - Asian Research, 2019, 48, 1245-1263.  | 2.8 | 14        |
| 10 | Peristaltically Wavy Motion on Dusty Walter's B Fluid with Inclined Magnetic Field and Heat Transfer.<br>Arabian Journal for Science and Engineering, 2019, 44, 7799-7808.   | 3.0 | 5         |
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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Slip effects on unsteady non-Newtonian blood flow through an inclined catheterized overlapping stenotic artery. AlP Advances, 2016, 6, .   | 1.3 | 27        |
| 20 | Effects of peripheral layer thickness on pulsatile flow of Herschel–Bulkley fluid through a stenotic<br>artery. Canadian Journal of Physics, 2016, 94, 920-928.  | 1.1 | 10        |
| 21 | Numerical simulation of unsteady micropolar hemodynamics in a tapered catheterized artery with a combination of stenosis and aneurysm. Medical and Biological Engineering and Computing, 2016, 54, 1423-1436.    | 2.8 | 35        |
| 22 | Heat and mass transfer to blood flowing through a tapered overlapping stenosed artery.<br>International Journal of Heat and Mass Transfer, 2016, 95, 1084-1095.  | 4.8 | 47        |
| 23 | Numerical simulations of Oldroyd 8-constant fluid flow and heat transfer in a curved channel.<br>International Journal of Heat and Mass Transfer, 2016, 94, 500-508.   | 4.8 | 51        |
| 24 | UNSTEADY MAGNETOHYDRODYNAMIC BLOOD FLOW IN A POROUS-SATURATED OVERLAPPING STENOTIC ARTERY — NUMERICAL MODELING. Journal of Mechanics in Medicine and Biology, 2016, 16, 1650049.                                 | 0.7 | 20        |
| 25 | Numerical study of unsteady blood flow through a vessel using Sisko model. Engineering Science and<br>Technology, an International Journal, 2016, 19, 538-547.   | 3.2 | 16        |
| 26 | Pulsatile Flow of Blood in a Vessel Using an Oldroyd-B fluid. International Journal of Nonlinear<br>Sciences and Numerical Simulation, 2015, 16, 197-206.  | 1.0 | 7         |
| 27 | Effects of unsteadiness and non-Newtonian rheology on blood flow through a tapered time-variant stenotic artery. AIP Advances, 2015, 5, .  | 1.3 | 27        |
| 28 | Unsteady non-Newtonian blood flow through a tapered overlapping stenosed catheterized vessel.<br>Mathematical Biosciences, 2015, 269, 94-103.  | 1.9 | 25        |
| 29 | Unsteady blood flow through a tapered stenotic artery using Sisko model. Computers and Fluids, 2014, 101, 42-49.   | 2.5 | 40        |
| 30 | Entropy generation analysis for peristalsis of magneto Jeffrey materials. Proceedings of the<br>Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, ,<br>095440892110412. | 2.5 | 0         |