

Publications

1. **Nagarani, P.**, Sarojamma, G. and Jayaraman, G.: Effect of boundary absorption on dispersion in Casson fluid flow in an annulus – application to catheterized artery, *Acta Mechanica*, **2007** (Revised)
2. **Nagarani, P.**, Sarojamma, G.: Peristaltic transport of small particles – power law fluid suspension in a channel, *Australian Physical & Engineering Sciences in Medicine*, 30(3), **2007**, **185-193**.
3. **Nagarani, P.**, Sarojamma, G. and Jayaraman, G.: Exact analysis of unsteady convective diffusion in Casson fluid flow in an annulus – Application to catheterized artery, *Acta Mechanica*, 187, **2006**, 189-202
4. **Nagarani, P.**, Sarojamma, G. and Jayaraman, G.: Effect of boundary absorption in dispersion in Casson fluid flow in a tube, *Annals of Biomedical Engineering*, 32 (5), **2004**, 706-719
5. **Nagarani, P.**, Sarojamma, G.: Peristaltic transport of a Casson fluid in an asymmetric channel, *Australian Physical & Engineering Sciences in Medicine*, 27 (2), **2004**, 49-59
6. Sarojamma, G., **Nagarani, P.** and Jan, M.: Channel flow of a viscous fluid induced by a traveling thermal wave, *Acta Ciencia Indica*, 29 (4), **2003**, 771-782
7. Sarojamma, G., Haritha, P. and **Nagarani, P.:** Peristaltic Transport of a Viscous Fluid in a Channel under the Influence of a Transverse Magnetic Field, *Proc. of AP Akademi of Sciences*, 7 (1), **2003**, 25-32
8. Sarojamma, G. and **Nagarani, P.:** Pulsatile flow of a Casson fluid through homogeneous porous medium subject to external acceleration, *International Journal of Non-Linear Differential Equations Theory- Methods and Applications*, 7 (1-2), **2002**, 50-64