

Research Papers

Published in 2025

1. **Aziz Ullah Awan**, Shafiullah Niazai, Muzammil Hussain, Bagh Ali, N. Ameer Ahammad, Fehmi Gamaoun, Sohail Nadeem, Optimizing entropy generation in MHD Maxwell dusty nanofluid flow via nanoparticle radius and inter-particle spacing on an inclined stretching sheet, *Scientific Reports*, 15 (2025) 38931. <https://doi.org/10.1038/s41598-025-22833-2>. (IF=4.996) (W, United Kingdom)
2. Yasir Ramzan, Amna Riaz, Kamel Guedri, **Aziz Ullah Awan**, Hatoon A. Niyazi, Hanadi Alzubadi, Basim M. Makhdoum, A nonlinear optimization framework for a Lassa fever model capturing zoonotic transmission and disability risks, *European Physical Journal Plus*, 140 (2025) 975. <https://doi.org/10.1140/epjp/s13360-025-06902-z>. (IF=3.758) (W, United States)
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