

# Entropy analysis for a novel peristaltic flow in a curved heated endoscope: an application of applied sciences

*Elsayed Mohamed Tag Eldin, Sohail Nadeem, Salman Akhtar, Anber Saleem, Nevzat Akkurt, Shahah Almutairi, Hassan Ali Ghazwani*

## Abstract

<https://www.nature.com/articles/s41598-023-28047-8>

*Scientific Reports* 2023, January