

# Impact of suction with nanoparticles aggregation and joule heating on unsteady MHD stagnation point flow of nanofluids over horizontal cylinder

*Elsayed Mohamed Tag Eldin ,Basim M. Makhdoum Zafar Mahmood Umar Khan  
Bandar M. Fadhl Ilyas Khan Sayed M. Eldin*

## Abstract

[https://www.cell.com/heliyon/fulltext/S2405-8440\(23\)02219-3?\\_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS2405844023022193%3Fshowall%3Dtrue](https://www.cell.com/heliyon/fulltext/S2405-8440(23)02219-3?_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS2405844023022193%3Fshowall%3Dtrue)

*Heliyon 2023, March*