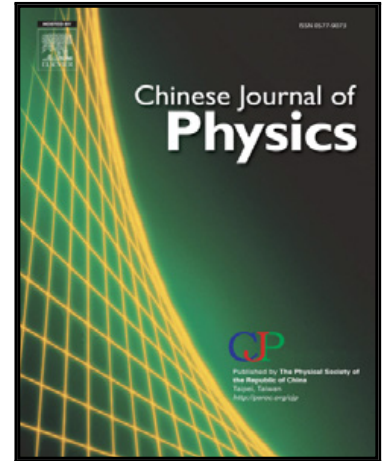


Accepted Manuscript

Effect of melting heat transfer on nanofluid flow in the presence of a magnetic field using the Buongiorno Model

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PII: S0577-9073(17)30205-8
DOI: [10.1016/j.cjph.2017.04.019](https://doi.org/10.1016/j.cjph.2017.04.019)
Reference: CJPH 259



To appear in: *Chinese Journal of Physics*

Received date: 2 March 2017
Revised date: 20 April 2017
Accepted date: 28 April 2017

Please cite this article as: Mohsen Sheikholeslami , Houman B. Rokni , Effect of melting heat transfer on nanofluid flow in the presence of a magnetic field using the Buongiorno Model, *Chinese Journal of Physics* (2017), doi: [10.1016/j.cjph.2017.04.019](https://doi.org/10.1016/j.cjph.2017.04.019)

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Highlights

- Nanofluid flow over a stretching plate with the existence of a magnetic field is studied.
- The melting heat transfer of the nanofluid in a porous medium is studied.
- The Runge-Kutta method is applied to solve this problem.
- The Nusselt number reduces with an increase of the porosity and melting parameters.

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