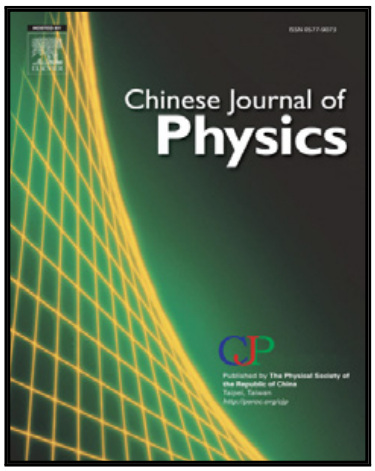

Streaming potential analysis on the hydrodynamic transport of pressure-driven flow through a rotational microchannel

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Research Highlights:

- Streaming potential of pressure driven flow is investigated.
- The rotational effect is considered.
- The analytical streaming potential field is obtained.
- The electrokinetic energy conversion efficiency is discussed.