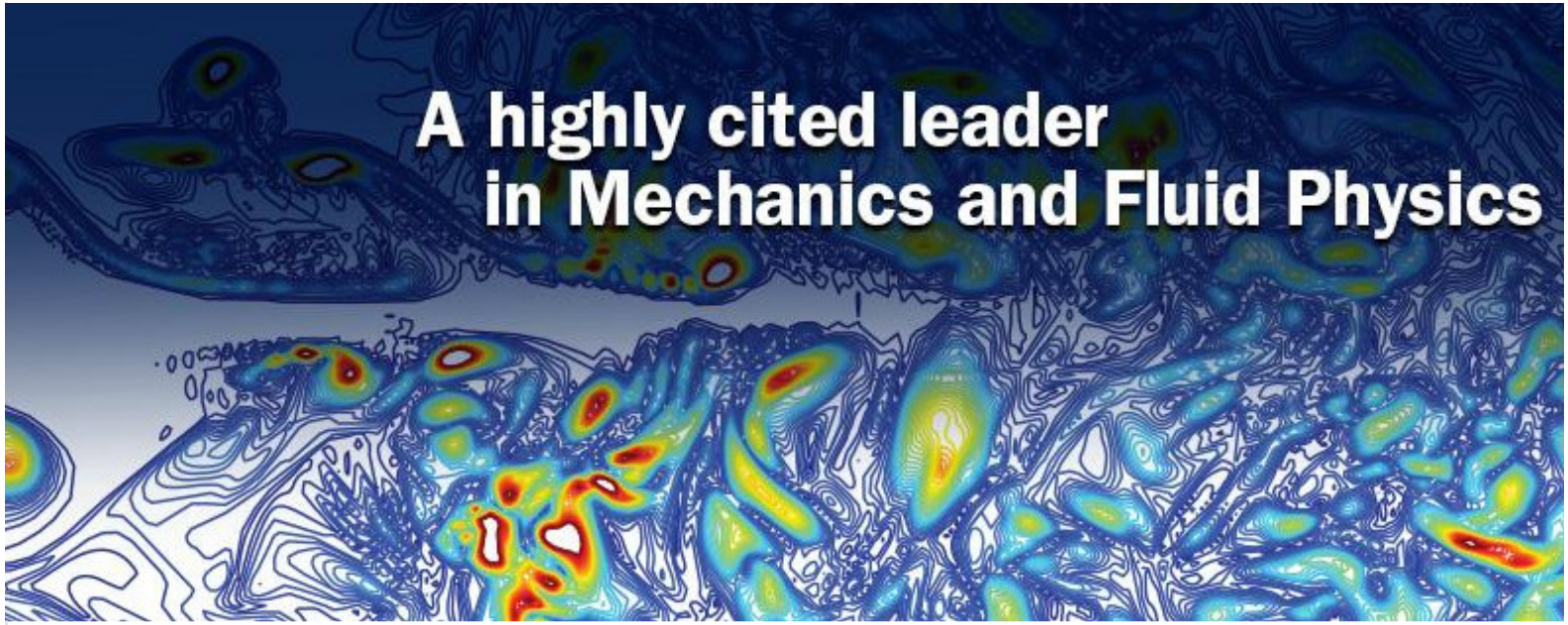
"Effects of both diffuse and collimated incident radiation on phototactic bioconvection"

M. K. Panda et al., Physics of Fluids 28, 124104 (2016); https://doi.org/10.1063/1.4972057




Liked | Following | Message

**Physics of Fluids**
January 12 ·

A phototaxis model is presented that incorporates the effects of diffuse irradiation by micro-organisms in an isotropic scattering suspension. The linear stability of the same suspension is also investigated. The new paradigm suggested by the findings of the model is that “collimated and diffuse irradiations are unequal in phototactic bioconvection."

Media/News Company

Invite friends to like this Page

POF publishes theoretical, computational & experimental papers on dynamics of gases, liquids & complex or multiphase fluids. 1.926 I