

## List of publications

- [1] A. Farina, B Calusi, and F. ROSSO. “A Simplified Mechanical Model for Explaining Fast-Rising Jökulhlaups”. In: *Applications in Engineering Science* 3.100013 (2020).
- [2] A. Farina, A. Fasano, M. Primicerio, and F. ROSSO. “Modeling of a Geothermal System with Fluid Extraction and Re-injection”. In: *Applied Science* 10 (7561 2020).
- [3] A. Farina, A. Fasano, and F. ROSSO. “A sound fluid dynamical interpretation of the Fåhræus- Lindqvist effect”. In: *AJP-Blood circulation* (2020). (submitted).
- [4] A. Farina, J. Matrone, C. P. Montagna, and F. ROSSO. “Modeling of a Gas Slug Rising in a Cylindrical Duct and Possible Applications to Volcanic Scenarios”. In: *Rendiconti Accademia dei Lincei* (2020). (submitted).
- [5] L. Fusi, A. Farina, F. ROSSO, and K. Rajagopal. “Thin-Film Flow of an Inhomogeneous Fluid with Density-Dependent Viscosity”. In: *Fluids* 4.30 (Mar. 2019).
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