

List of publications

- [1] Antonio Di Monaco, Antonio Fasano, Angiolo Farina, Fabio Rosso, and Massimo Grimaldi. “Is the Esophagus Spared During Pulsed Field Ablation?” In: *Pacing and Clinical Electrophysiology* (2026).
- [2] Angiolo Farina, Antonio Fasano, Massimo Grimaldi, and Fabio Rosso. “Heat delivery accompanying pulsed field ablation”. In: *Journal of Theoretical Biology* 610 (2025), p. 112145.
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- [4] Benedetta Calusi, Angiolo Farina, Lorenzo Fusi, Liviu Iulian Palade, and Fabio Rosso. “Linear stability of viscoplastic flows down an incline”. In: *Journal of Physics: Conference Series*. Vol. 2701. 1. IOP Publishing. 2024, p. 012071.
- [5] Benedetta Calusi, Angiolo Farina, Lorenzo Fusi, and Fabio Rosso. “Thermo-mechanical modeling of pancakelike domes on Venus”. In: *Physics of Fluids* 36.5 (2024).
- [6] Angiolo Farina, Antonio Fasano, and Fabio Rosso. “Modeling Thermal Effects of Pulsating Currents in Human Tissues: How to Prevent Necrosis”. In: *Biophysica* 4.4 (2024), pp. 477–487.
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- [8] Benedetta Calusi, Angiolo Farina, Lorenzo Fusi, and Fabio Rosso. “Long-wave instability of a regularized Bingham flow down an incline”. In: *Physics of Fluids* 34.5 (May 2022), p. 054111.
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- [11] Angiolo Farina, Antonio Fasano, Fabio Rosso, and Younes Shekari. “Modeling hemodialysis with albumin retention”. In: *Applicable Analysis* 101.12 (2022), pp. 4095–4112.
- [12] Angiolo Farina, Lorenzo Fusi, Fabio Rosso, and Giuseppe Saccomandi. “Creep, recovery and vibration of an incompressible viscoelastic material of the rate type: Simple tension case”. In: *International Journal of Non-Linear Mechanics* 138 (2022), p. 103851.
- [13] Angiolo Farina, Lorenzo Fusi, Fabio Rosso, and Giuseppe Saccomandi. “Vibration of an Incompressible Viscoelastic Shell of Rate Type”. In: *Zeitschrift Fur Angewandte Mathematik Und Physik* 2 (2022), pp. 0–0.
- [14] Lorenzo Fusi, Benedetta Calusi, Angiolo Farina, and Fabio Rosso. “Stability of laminar viscoplastic flows down an inclined open channel”. In: *European Journal of Mechanics - B/Fluids* 95 (2022), pp. 137–147.
- [15] Angiolo Farina, Antonio Fasano, and Fabio Rosso. “Mathematical Models for Some Aspects of Blood Microcirculation”. In: *Symmetry* 13.6 (2021), pp. 0–0.
- [16] Angiolo Farina, Fabio Rosso, and Antonio Fasano. “A continuum mechanics model for the Fåhræus-Lindqvist effect”. In: *Journal of Biological Physics* 47 (2021), pp. 253–270.
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