

Ramkarn Patne

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Dynamics of a two-layer flow with an interfacial heat source/sink: viscosity stratification. Journal of Fluid Mechanics, 2022, 934, . | 1.4 | 4 |
| 2 | Buoyancy instabilities in a liquid layer subjected to an oblique temperature gradient. Journal of Fluid Mechanics, 2022, 937, . | 1.4 | 1 |
| 3 | Thermocapillary instabilities in a liquid layer subjected to an oblique temperature gradient. Journal of Fluid Mechanics, 2021, 906, . | 1.4 | 18 |
| 4 | Thermocapillary instability in a viscoelastic liquid layer under an imposed oblique temperature gradient. Physics of Fluids, 2021, 33, . | 1.6 | 10 |
| 5 | Purely elastic instabilities in the airways and oral area. Journal of Fluid Mechanics, 2021, 928, . | 1.4 | 1 |
| 6 | Thermocapillary instabilities in a liquid layer subjected to an oblique temperature gradient: Effect of a prescribed normal temperature gradient at the substrate. Physics of Fluids, 2020, 32, . | 1.6 | 7 |
| 7 | Marangoni instability in the linear Jeffreys fluid with a deformable surface. Physical Review Fluids, 2020, 5, . | 1.0 | 10 |
| 8 | Instability induced by wall deformability in sliding Couette flow. Physics of Fluids, 2020, 32, . | 1.6 | 3 |