

Profile Page



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Research Interests :

Flow through deformable surfaces, complex fluid rheology, Flow past poroelastic surfaces, interfacial flows

Journal Publications :

Year	Journal	Publication
2017	Physics of Fluids, 29, 074106	D. Giribabu and V. Shankar, Stability of plane Couette flow of a power-law fluid past a neo-Hookean solid at arbitrary Reynolds number
2017	Journal of Fluid Mechanics, 827, 31-66	Ramkarn Patne, D. Giribabu and V. Shankar, Consistent formulations for stability of fluid flow through deformable tubes and channels
2016	Physical Review Fluids 1, 033602	D. Giribabu and V. Shankar, Consistent formulation of solid dissipative effects in stability analysis of flow past a deformable solid
2014	Physical Review E, 90, 043004 (2014)	R. Neelamegam, D. Giribabu and V. Shankar, Instability of viscous flow over a deformable two-layered gel: Experiments and theory Experiments and theory