List of Publications

- S. Mandal, M. Nicolas, and O. Pouliquen, "Rheology of cohesive granular media: Shear banding, hysteresis, and non-local effects," Phys. Rev. X **11**, 021017 (2021).
- S. Mandal, M. Nicolas, and O. Pouliquen, "Insights into the rheology of cohesive granular media," Proc. Natl. Acad. Sci. **117**, 8366–8373 (2020).
- S. Mandal and D. V. Khakhar, "Granular surface flow on an asymmetric conical heap," J. Fluid Mech. **865**, 41–59 (2019).
- S. Mandal and D. V. Khakhar, "Dense granular flow of mixtures of spheres and dumbbells down a rough inclined plane: Segregation and rheology," Phys. Fluids **31**, 023304 (2019). (*selected as Editor's pick*)
- S. Mandal and D. V. Khakhar, "A study of the rheology and micro-structure of dumbbells in shear geometries," Phys. Fluids **30**, 013303 (2018).
- S. Mandal and D. V. Khakhar, "Sidewall-friction-driven ordering transition in granular channel flows: Implications for granular rheology," Phys. Rev. E **96**, 050901(R) (2017).
- S. Mandal and D. V. Khakhar, "An experimental study of the flow of nonspherical grains in a rotating cylinder," AIChE J. **63**, 4307–4315 (2017).
- S. Mandal and D. V. Khakhar, "A study of the rheology of planar granular flow of dumbbells using discrete element method simulations," Phys. Fluids **28**, 103301 (2016). (*selected as Editor's pick*)