List of Publications

[7] **Bhavesh Shrimali** and Oscar Lopez-Pamies. The delayed fracture test for viscoelastic elastomers. *arXiv preprint arXiv:2301.10490*, 2023 [**preprint**]

[6] **Bhavesh Shrimali** and Oscar Lopez-Pamies. The "pure-shear" fracture test for viscoelastic elastomers and its revelation on griffith fracture. *Extreme Mechanics Letters*, page 101944, 2022 [**pdf**]

[5] **Bhavesh Shrimali**, Kamalendu Ghosh, and Oscar Lopez-Pamies. The nonlinear viscoelastic response of suspensions of vacuous bubbles in rubber: I—gaussian rubber with constant viscosity. *Journal of Elasticity*, 2021 [**pdf**]

[4] Kamalendu Ghosh, **Bhavesh Shrimali**, Aditya Kumar, and Oscar Lopez-Pamies. The nonlinear viscoelastic response of suspensions of rigid inclusions in rubber: I—gaussian rubber with constant viscosity. *Journal of the Mechanics and Physics of Solids*, page 104544, 2021 [**pdf**]

[3] **Bhavesh Shrimali**, Matteo Pezzulla, Samuel Poincloux, Pedro Reis, and Oscar Lopez-Pamies. The remarkable bending properties of perforated plates. *Journal of the Mechanics and Physics of Solids*, 154, 2021 [**pdf**]

[2] **Bhavesh Shrimali**, William J. Parnell, and Oscar Lopez-Pamies. A simple explicit model constructed from a homogenization solution for the large-strain mechanical response of elastomeric syntactic foams. *International Journal of Nonlinear Mechanics*, 2020 [**pdf**]

[1] **Bhavesh Shrimali** and Victor Lefèvre and Oscar Lopez-Pamies. A simple explicit homogenization solution for the macroscopic elastic response of isotropic porous elastomers. *Journal of the Mechanics and Physics of Solids*, 122:364 – 380, 2019 [**pdf**]