Publications

PUBLICATIONS

• A multiscale anisotropic polymer network model coupled with phase field fracture *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING*
  Arunachala, P., Vajari, S., Neuner, M., Sim, J., Zhao, R., Linder, C.
  2024

• Investigation of driving forces in a phase field approach to mixed mode fracture of concrete *COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING*
  Vajari, S., Neuner, M., Arunachala, P., Linder, C.
  2023; 417

• A multiscale phase field fracture approach based on the non-affine microsphere model for rubber-like materials *COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING*
  Arunachala, P., Vajari, S., Neuner, M., Linder, C.
  2023; 410

• A thermodynamically consistent finite strain phase field approach to ductile fracture considering multi-axial stress states *COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING*
  Vajari, S., Neuner, M., Arunachala, P., Ziccarelli, A., Deierlein, G., Linder, C.
  2022; 400