Molecular statics study of depth-dependent hysteresis in nano-scale adhesive elastic contacts,

Effect of lattice relaxation on thermal conductivity of FCC-based structures,

influence of high temperature, stress, chemical reactivity, and radiation field on the defects of materials,

[Temperature-dependent brittle-ductile transition of α-graphyne nanotubes under uniaxial tension](https://www.sciencedirect.com/science/article/pii/S0927025620305747)

Deformation-mechanism map for nanocrystalline metals by molecular-dynamics simulation