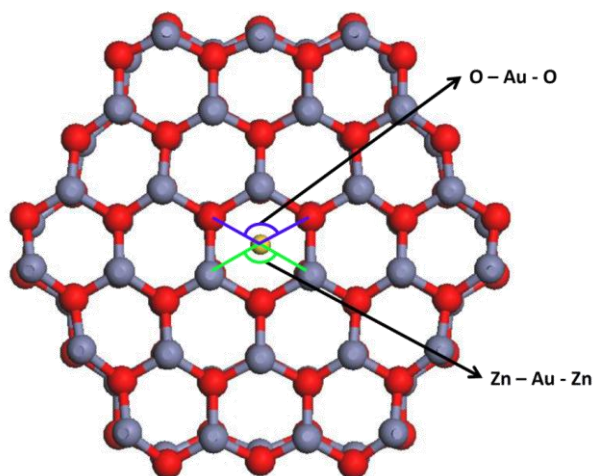
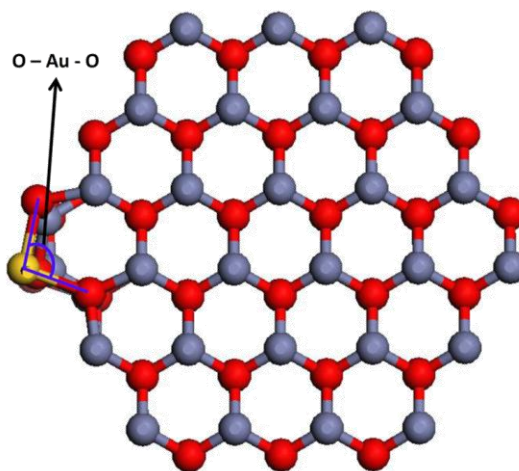


Schematic representation of angles

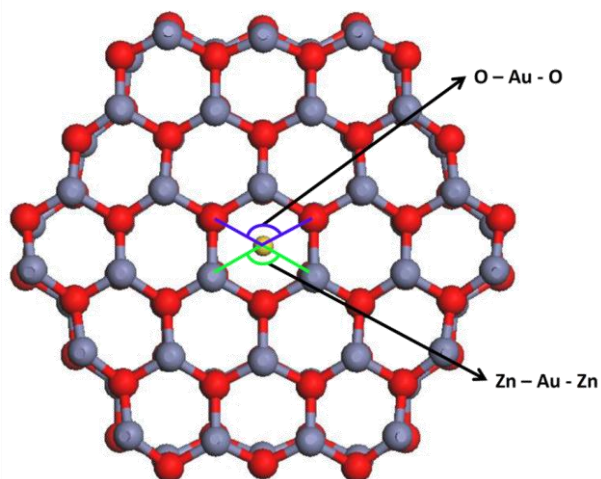
Au thread



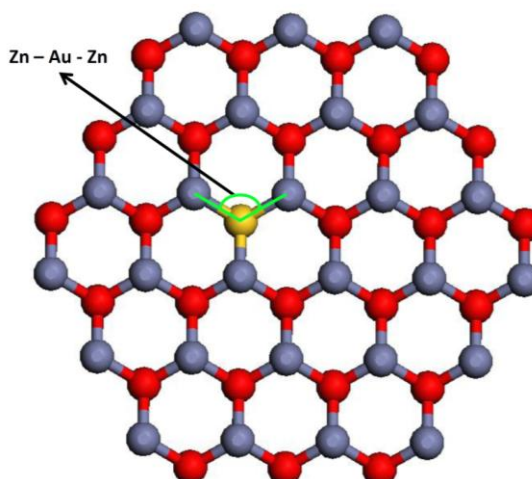
Au in Zn site



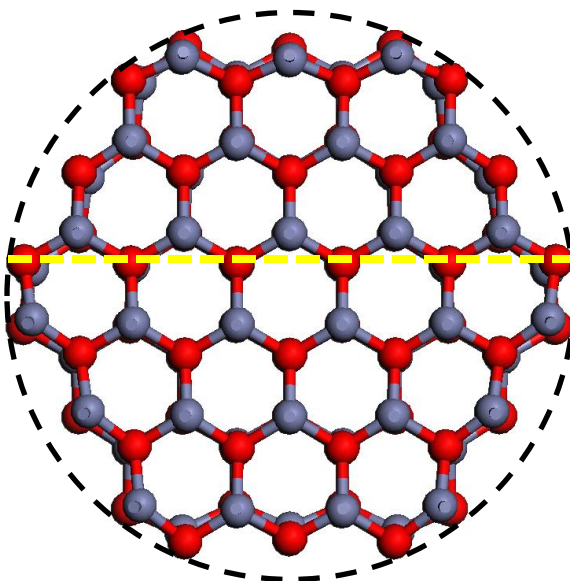
Au Interstitial



Au in O site



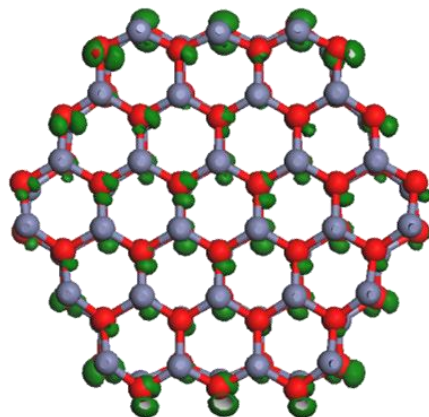
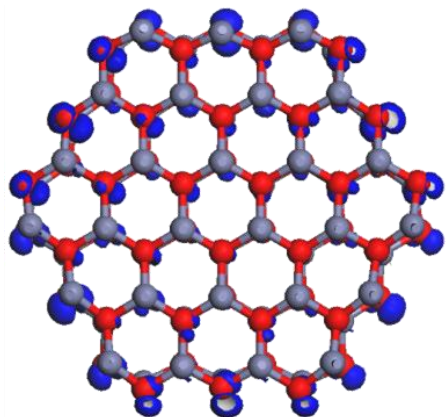
Diameter of nanowire



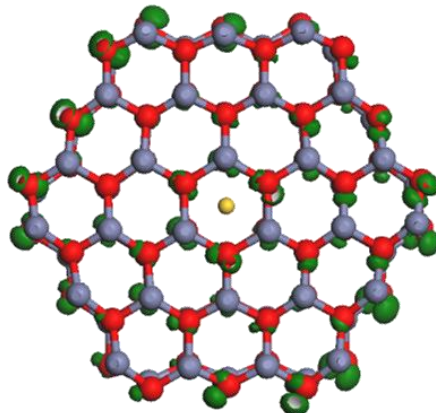
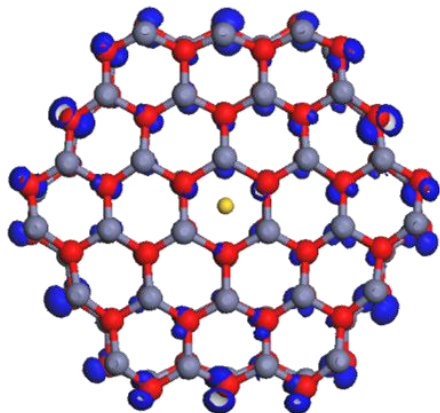
HOMO

LUMO

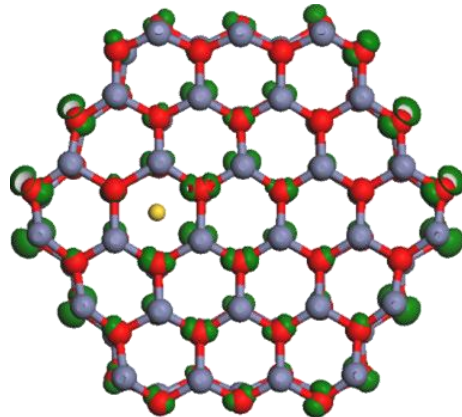
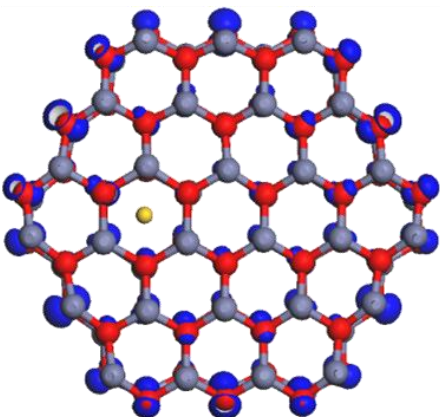
ZnO NW



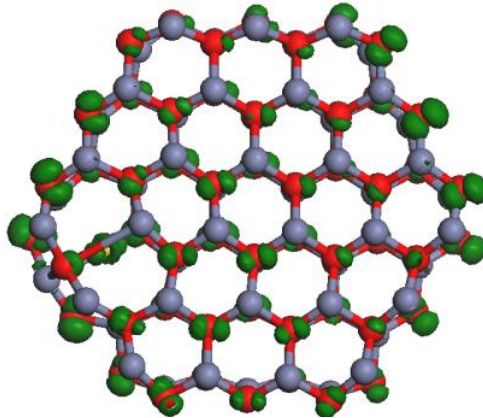
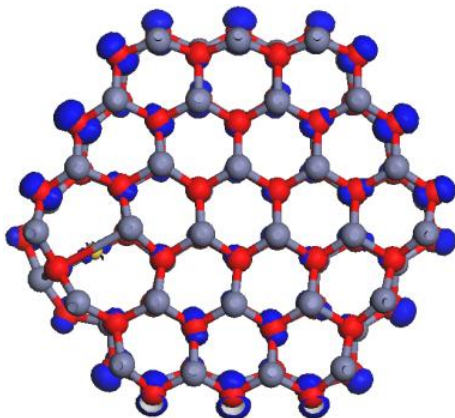
Au_cth



Au_mth



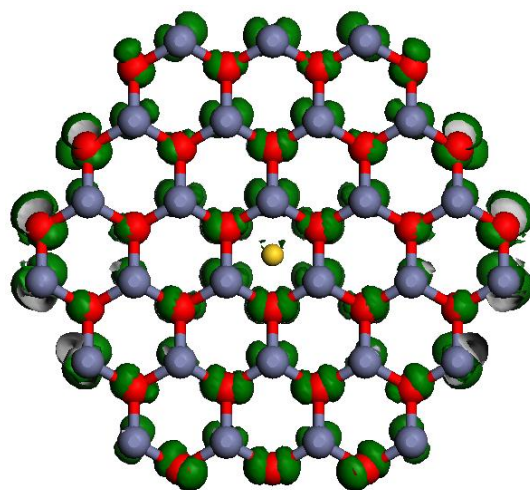
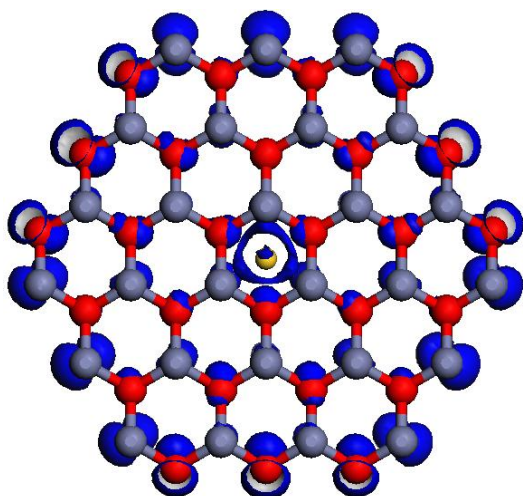
Au_sth



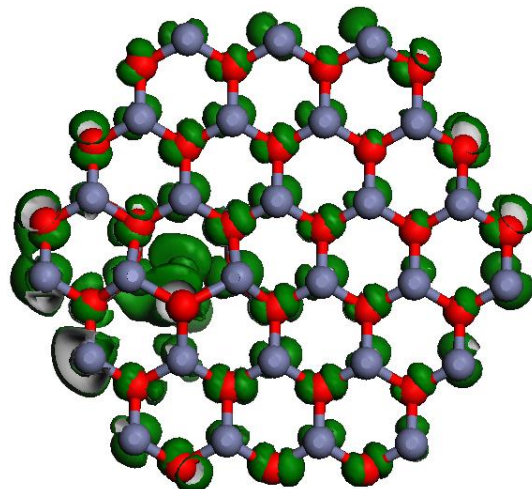
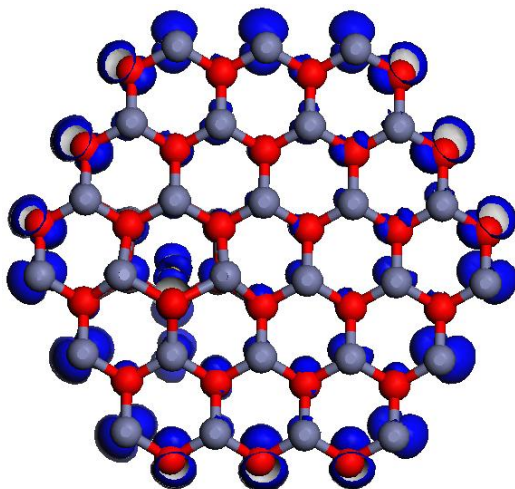
HOMO

LUMO

Au_c^i



Au_m^i



Au_s^i

