

Supporting Information's

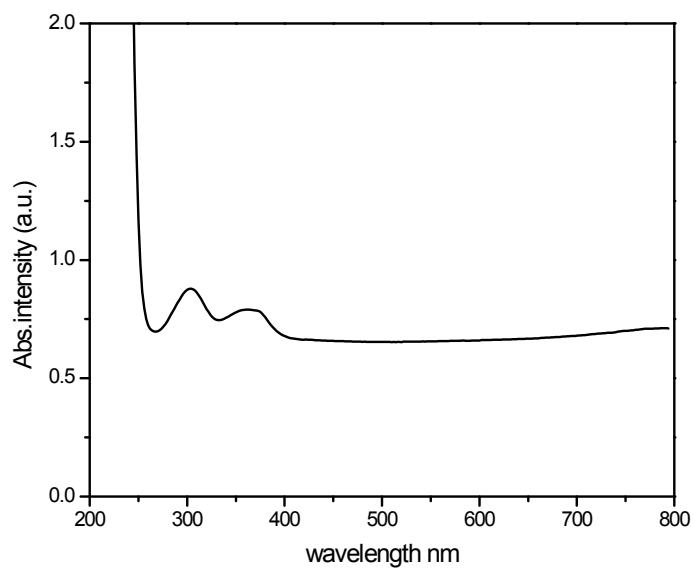


Figure 1 absorption spectra for ZnO NRAs

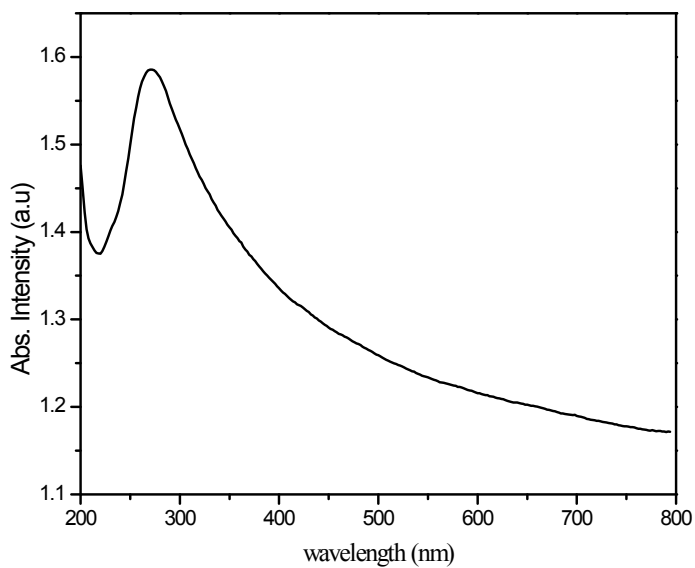


Figure 2 absorption spectra for graphene