

Supporting information of

Fluorescent zinc oxide nanoparticles of *Boswellia ovalifoliolata* for selective detection of picric acid

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Supplementary Figures

Figure S1. XRD pattern of ZnO nanoparticle synthesized by chemical method (NaOH)

Figure S2. FT-IR spectra of ZnO NPs, ZnO+PA and the extract.

Figure S3. UV-visible absorption spectra of ZnO NPs with nitroaromatics.

Figure S4 UV-vis absorption spectra of ZnO NPs with PA titration.

Figure S5. HOMO and LUMO energy level of ZnO NPs

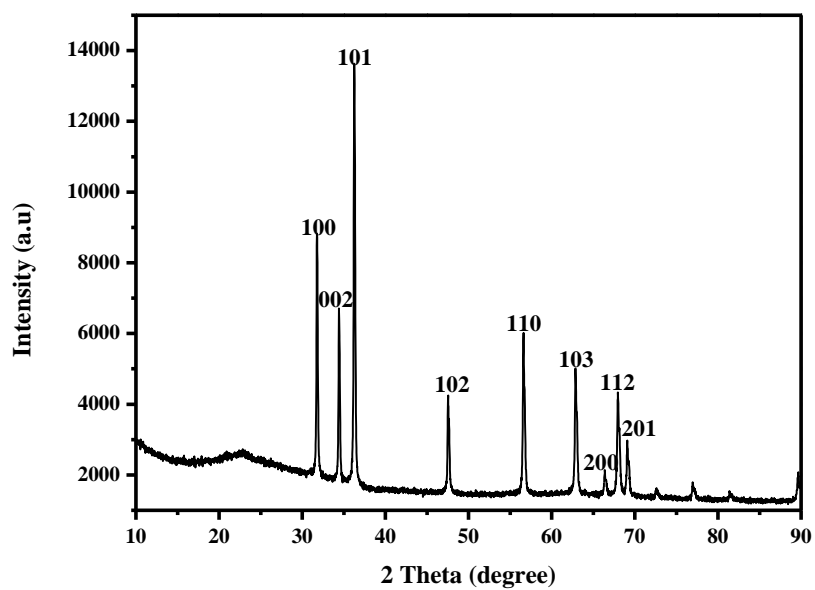


Fig. S1. XRD pattern of ZnO nanoparticle synthesized by chemical method (NaOH)

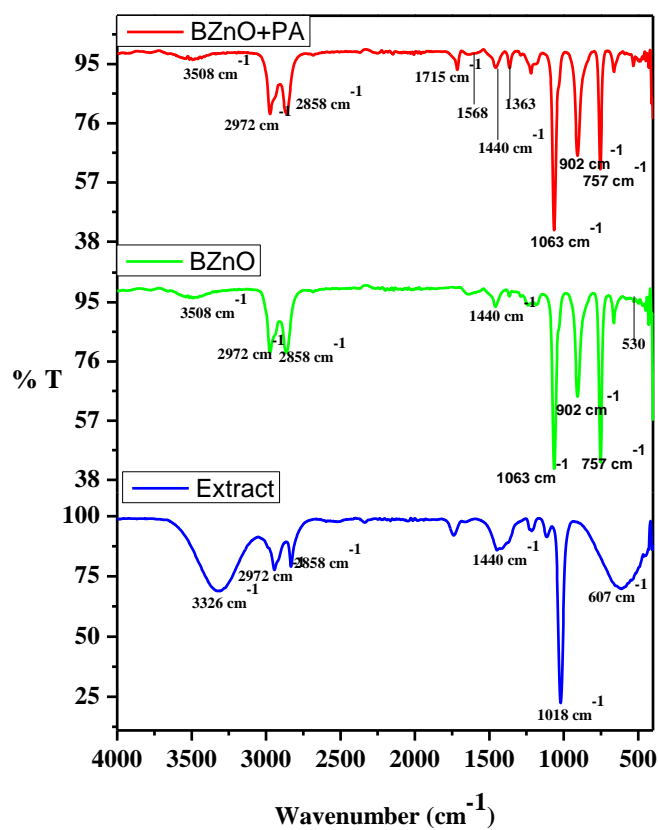


Fig. S2. FT-IR spectra of ZnO NPs, ZnO+PA and the extract.

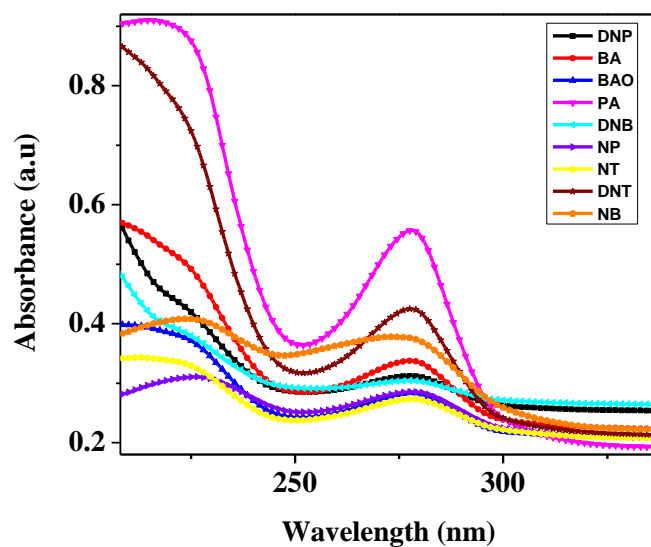


Fig. S3. UV-visible absorption spectra of ZnO NPs with nitroaromatics.

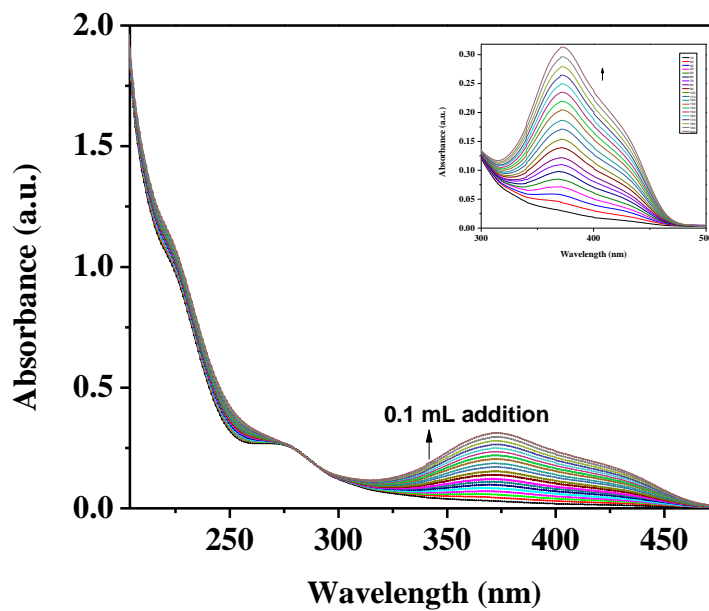


Fig. S4. UV-vis absorption spectra of ZnO NPs with PA titration.

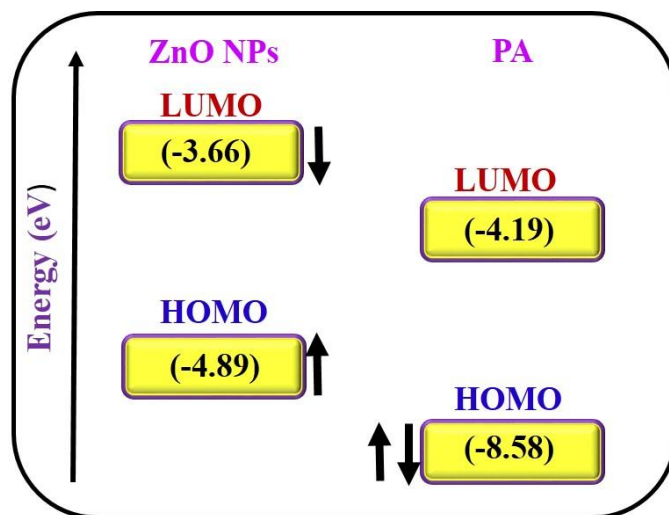


Fig. S5. HOMO and LUMO energy level of ZnO NPs