

Figure 1: UV Vis absorption spectra of IOQDs synthesized under various environments.

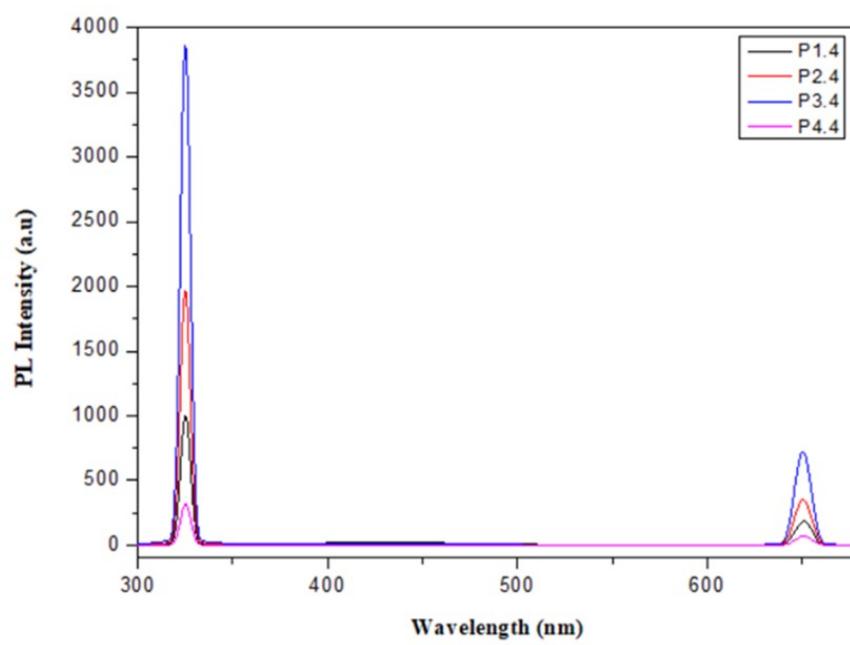


Figure 2: PL spectra of IOQDs synthesized under various environments

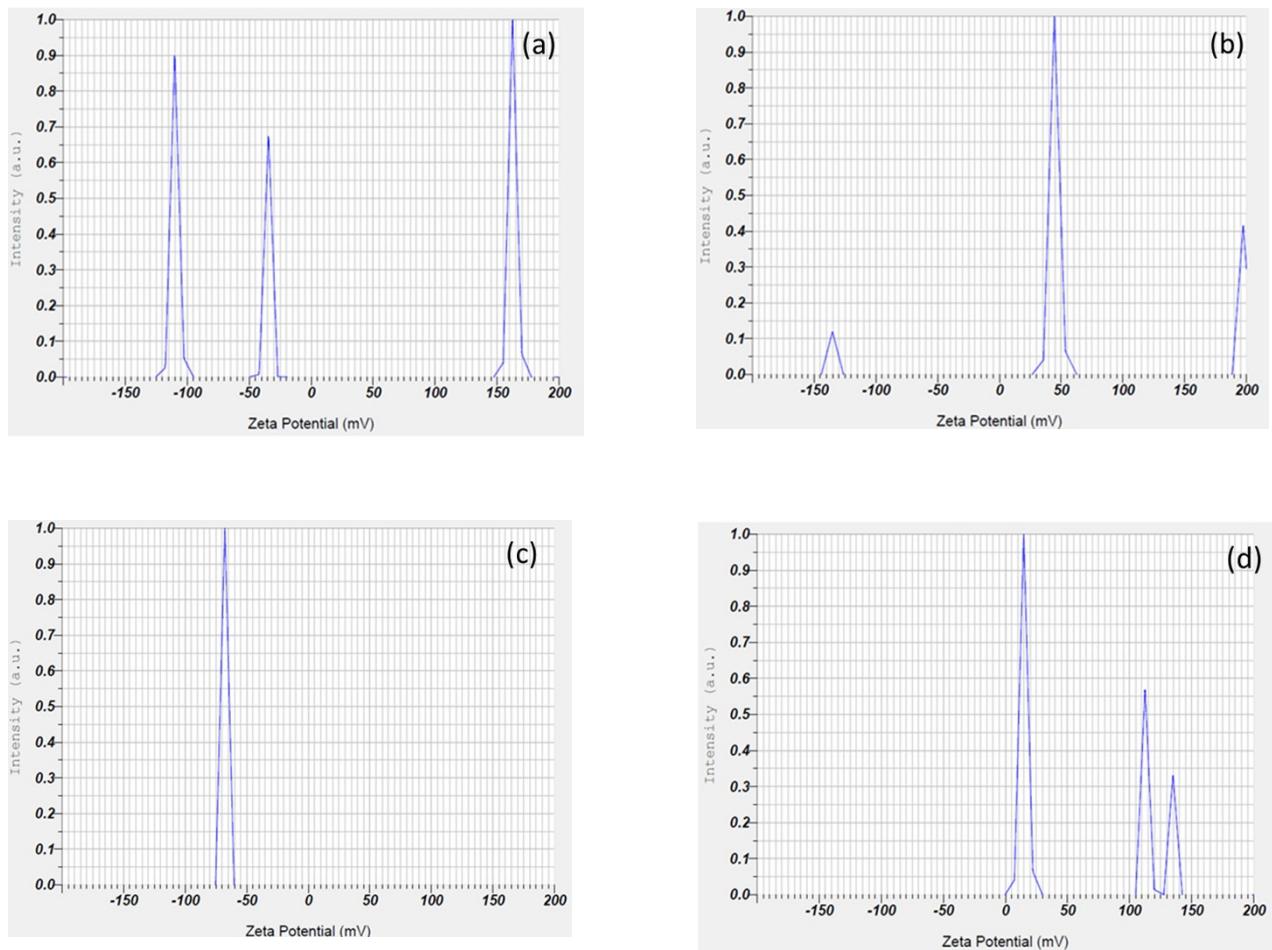


Figure 3 Zeta potential of IO QDs synthesized under different environments: (a) O₂, (b) Air, (c) N₂, and (d) Ar