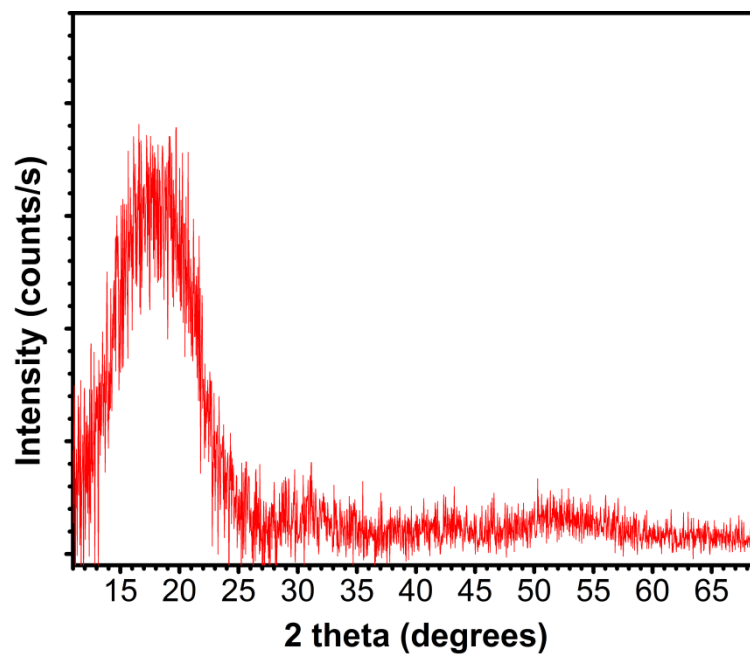


## Supplemental Materials



**Figure S1.** Typical GIXRD diffraction pattern of a carbon film synthesized at 200 °C by pulsed laser deposition (PLD) on a bare Si (100) substrate.