

Figure S1. SEM- and TEM-images of the prepared samples: SEM: a – C_3N_4 -Ar; TEM: b – C_3N_4 -Ar, c – C_3N_4 -TEOS, d – N-doped carbon.

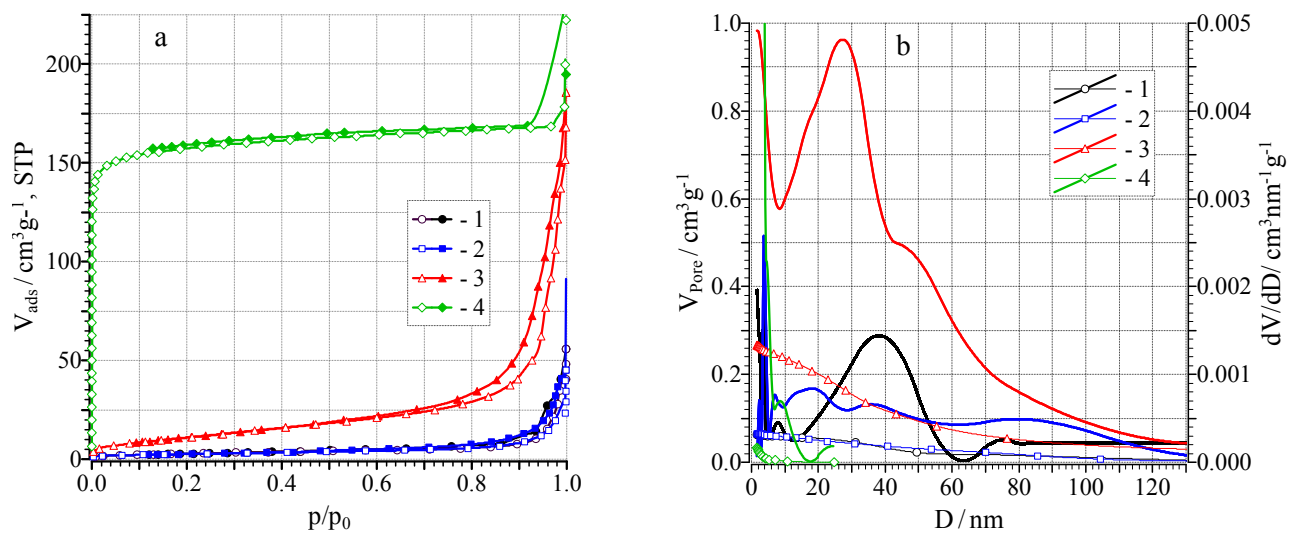


Figure S2. Nitrogen adsorption-desorption isotherms (a) and pore size distribution (b, BJH method) for carbon nitride and carbon samples: $\text{C}_3\text{N}_4\text{-Ar}$ (1), $\text{C}_3\text{N}_4\text{-air}$ (2), $\text{C}_3\text{N}_4\text{-TEOS}$ (3), N-doped carbon (4).

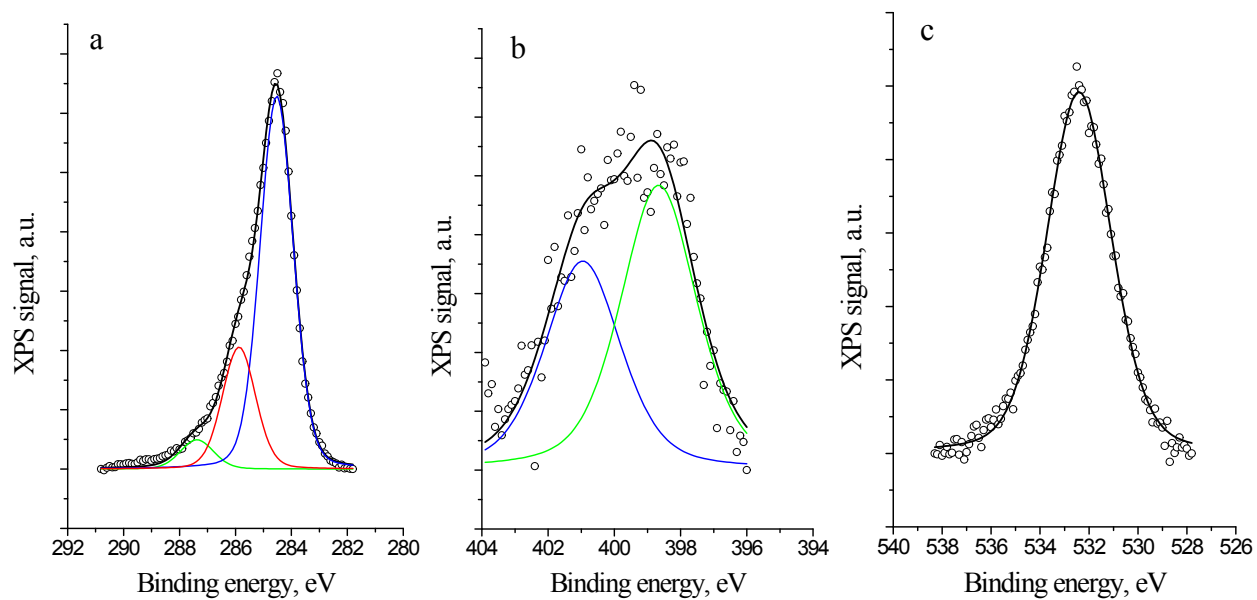


Figure S3. XPS spectra of C 1s region (a), N 1s region (b) and O 1s region (c) for N-doped carbon.