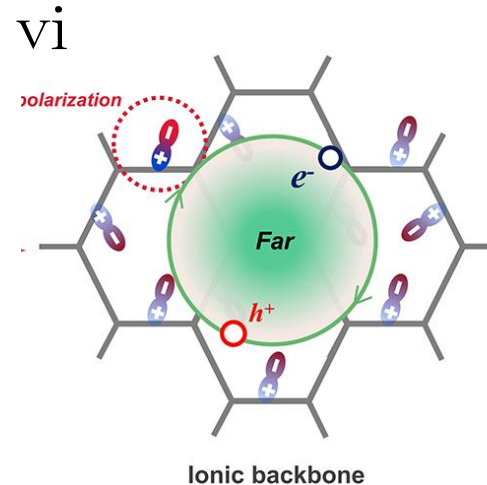
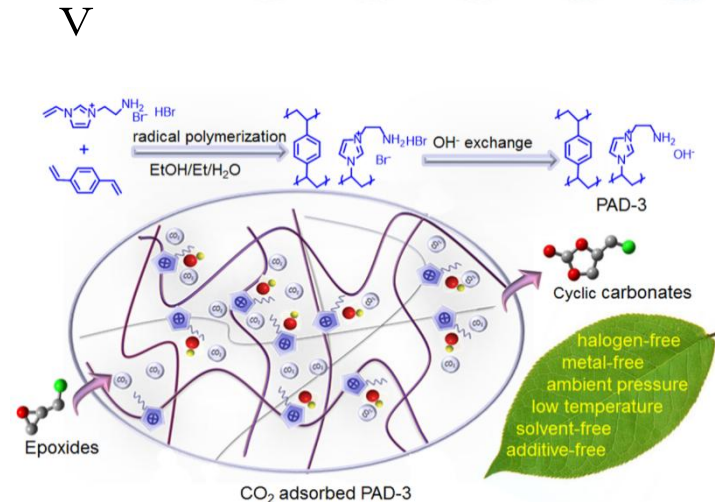
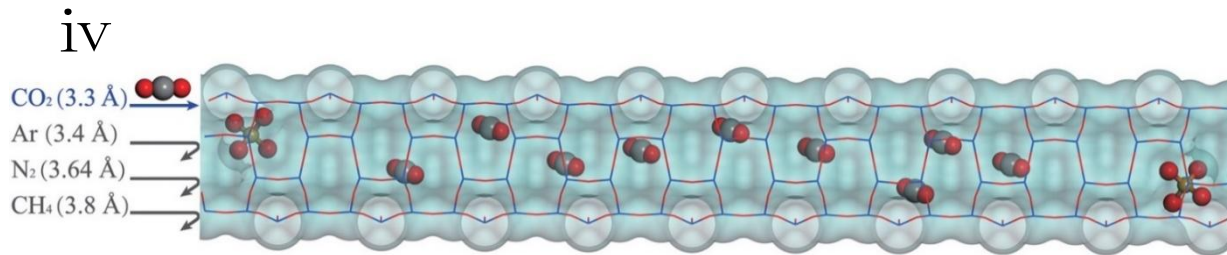
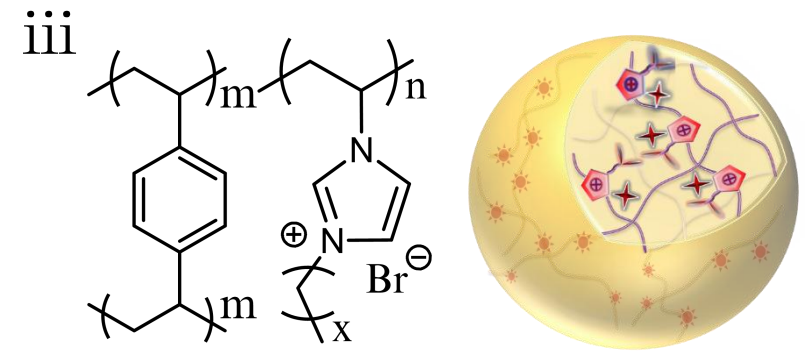
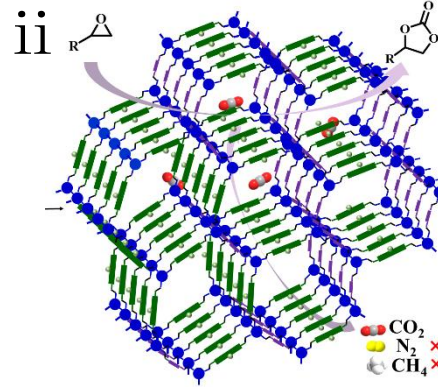
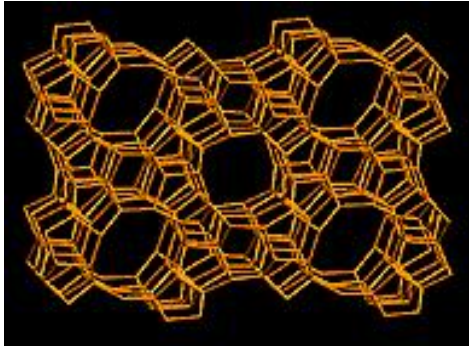
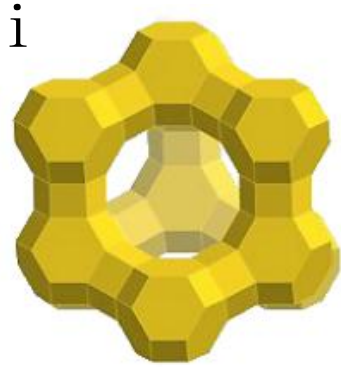


# New Materials and Process Integration



i Zeolite molecular sieves

ii Covalent organic frameworks (COFs)

iii Ionic liquids and poly(ionic liquid)s

iv Gas adsorption and separation

v CO<sub>2</sub> and biomass conversion

vi Photo/electro/environmental catalysis