

Study on the Influence Mechanism of Cobalt and Iron Doping on the Adsorption of H₂S, NO, NO₂ and SO₂ Gas Molecules by Two-Dimensional C₉N₄ Materials

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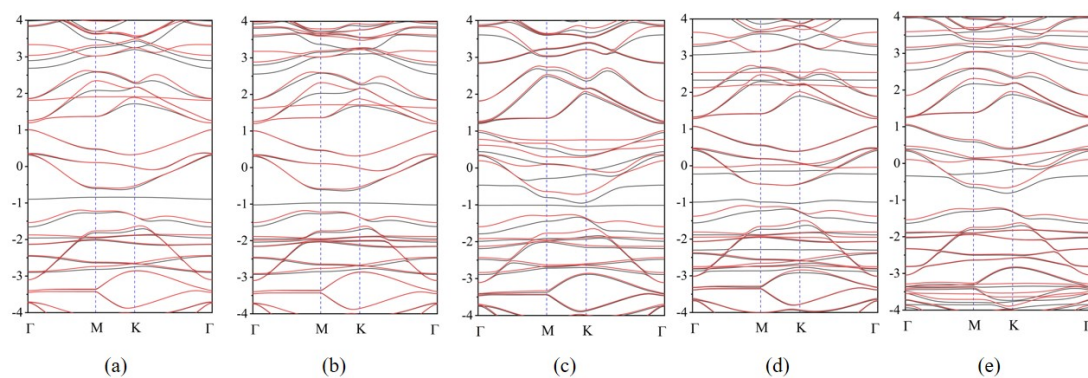


Fig.S1 Band structures for (a) B-C₉N₄, NO₂ ; Band structures for the most favorable adsorption configurations for, (b) H₂S, (c) NO, (d) NO₂, (e) SO₂.