

2D hexagonal boron nitride for solar energy conversions

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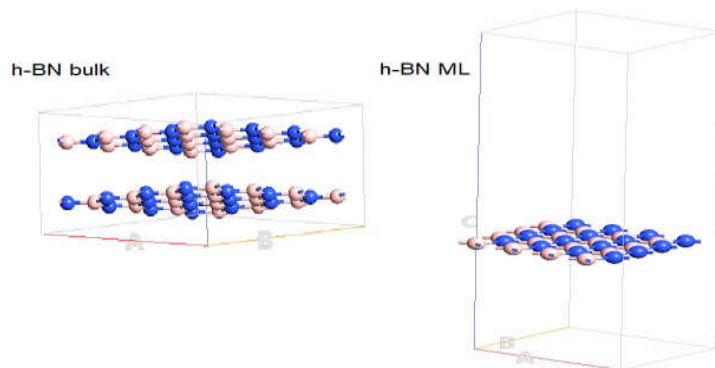


Figure S1. The h-BN bulk (left panel) and ML (right panel) structures, Blue and cream color represent B and N atoms respectively

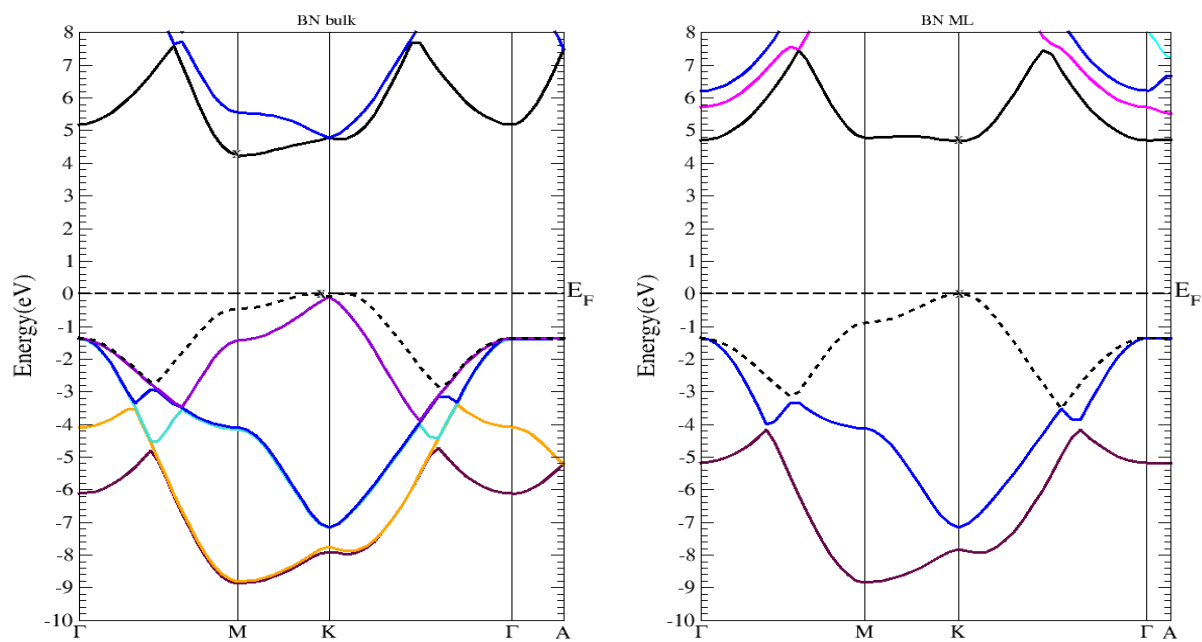


Figure S2. The h-BN bulk (left panel) and ML (right panel) band structures

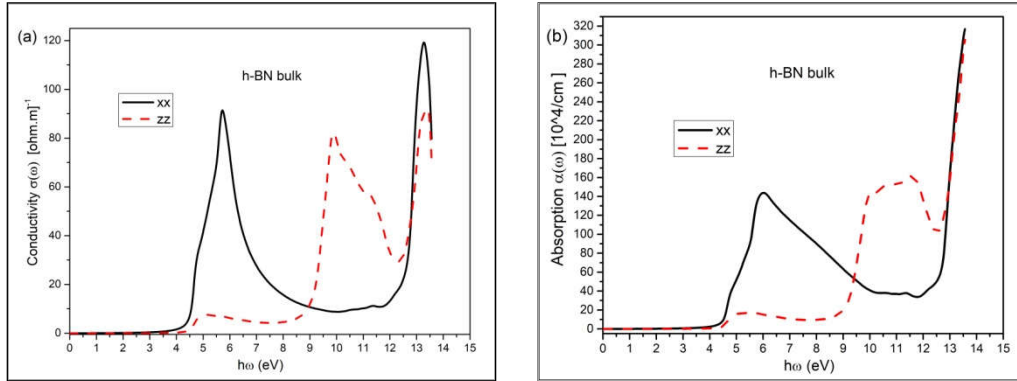


Figure S3. The optical conductivities (a) and absorption coefficients (b) for h-BN bulk in the xx and zz directions

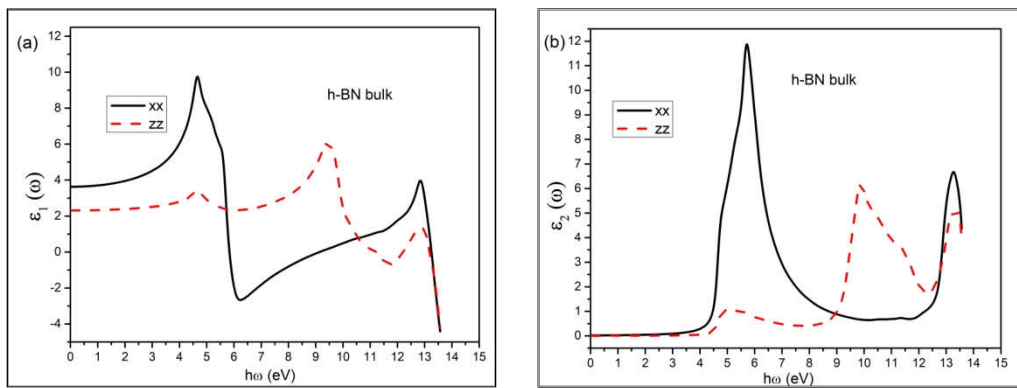


Figure S4. The real (a) and imaginary (b) parts of the dielectric function in the xx and zz directions for bulk h-BN

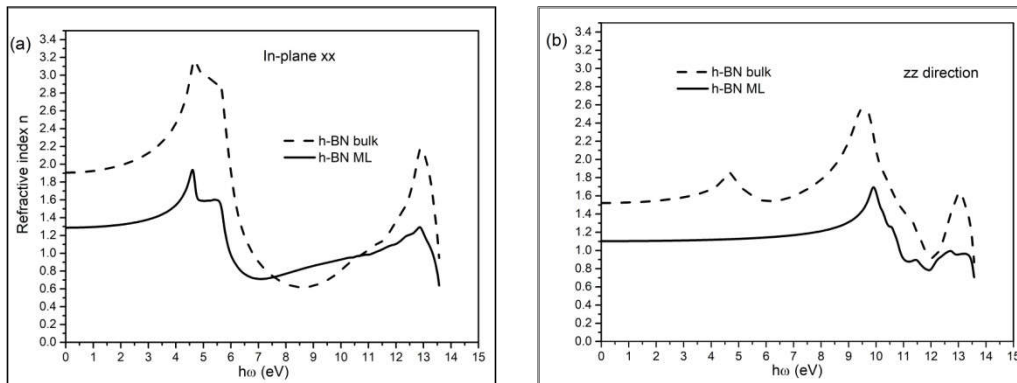


Figure S5. The refractive indices of h-BN bulk and ML in (a) the xx and (b) zz directions

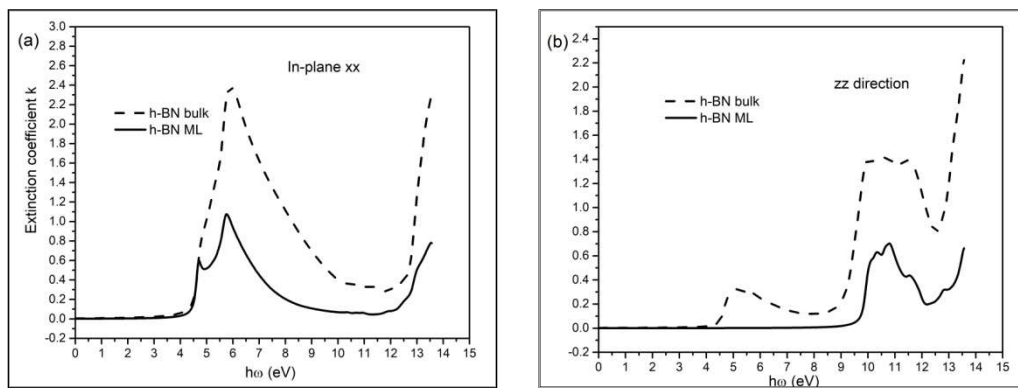


Figure S6. The extinction coefficients of h-BN bulk and ML in (a) the xx and (b) zz directions