

A novel two-dimensional SbXY (X=Se,Te; Y =Br,I) family : A First principles study of the electronic, optical and thermo electric properties

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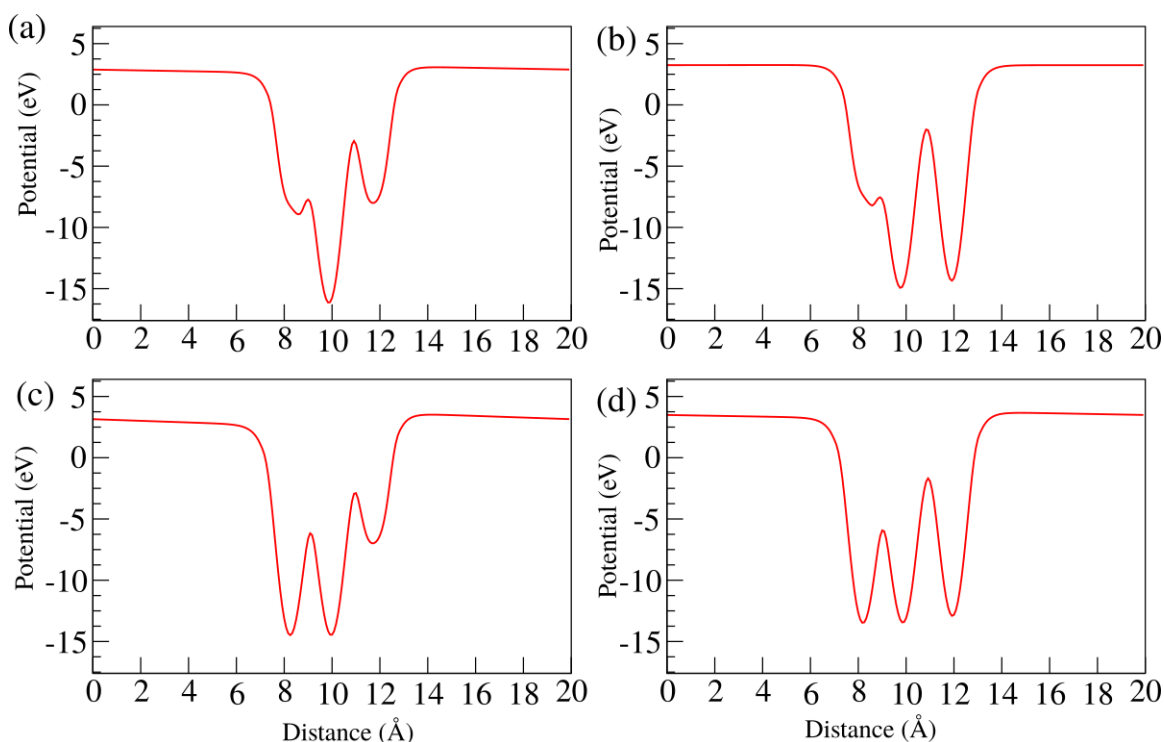


Figure S1: Electrostatic potential of the (a) SbSeBr, (b) SbSeI, (c) SbTeBr and (d) SbTeI monolayers.

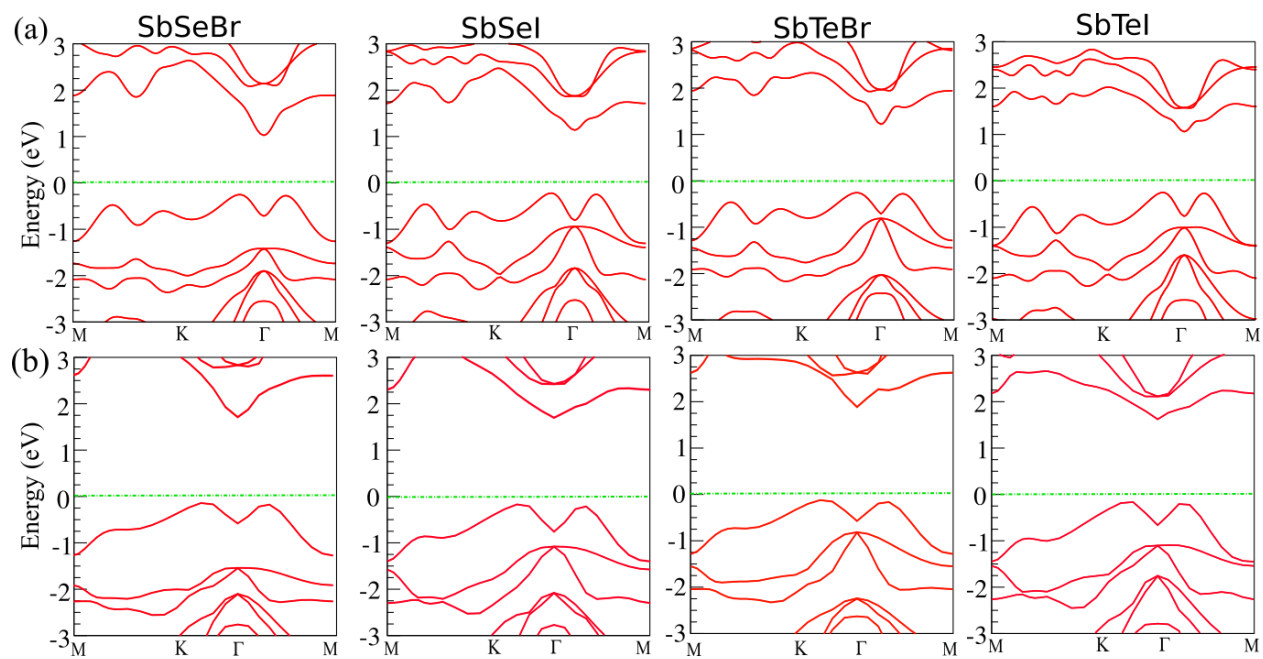


Figure S2: Electronic band structure using (a) PBE and (b) HSE of the SbSeBr, SbSeI, SbTeBr and, SbTeI monolayers.