

Figure 1s. The band gap structure of Si (111) Layers terminated with only SiH groups on the surface.

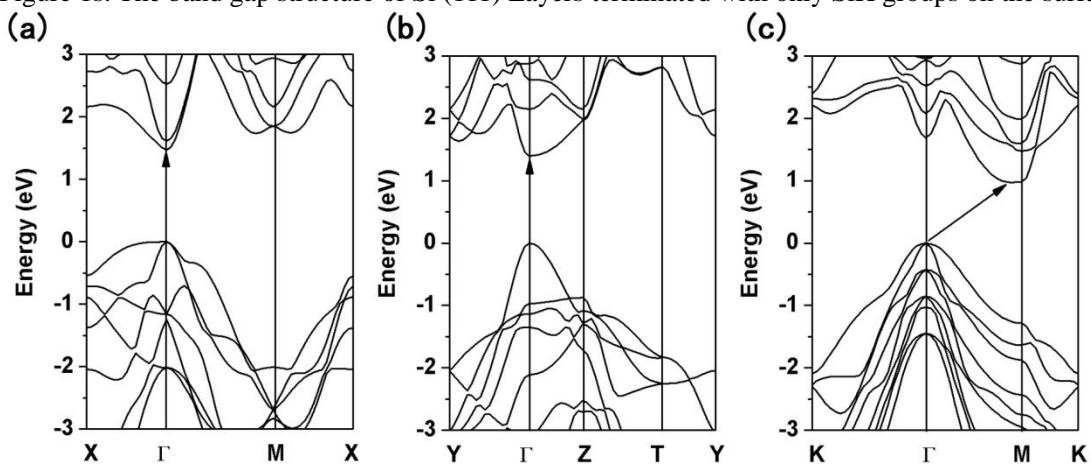


Fig.2s Band gap structure of (a) (100) monolayer, (b) (110) monolayer, (c) (111) monolayer without structural optimization

