

Supplementary Information

## The Magnetism of 1T-MX<sub>2</sub> (M = Zr, Hf; X = S, Se) Monolayers by Hole Doping

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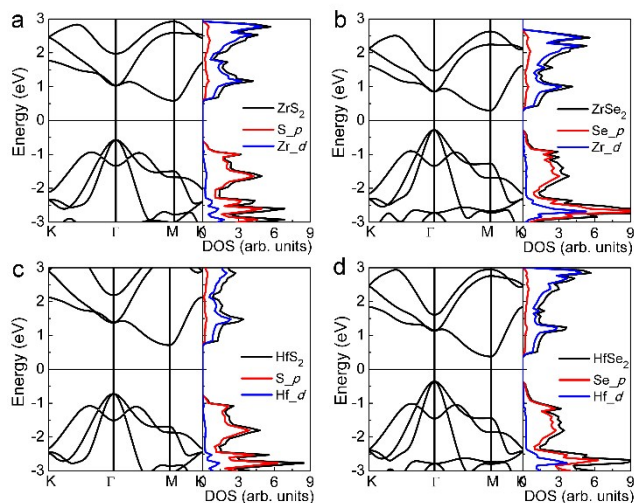


Fig. S1 The band structures and DOS of MX<sub>2</sub> (M=Zr, Hf; X=S, Se) monolayers. The red and blue lines in the right image represent the contribution of the *p* orbital of the S (Se) atoms and the *d* orbital of the Zr (Hf) atoms, respectively.