

Layer-dependent Modulation Doping of MoS₂ by Transition Metal Oxides (Supplementary Information)

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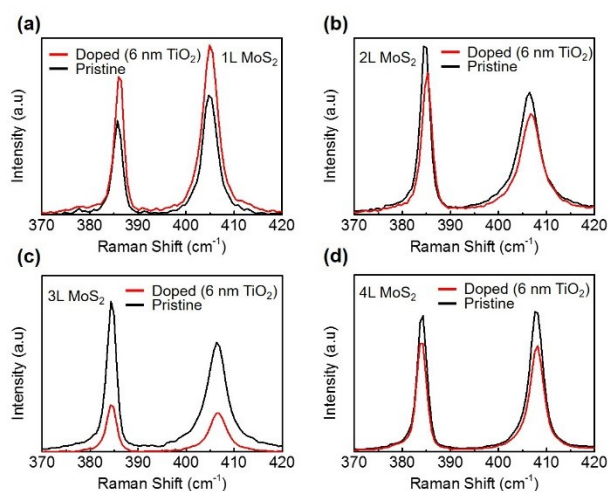
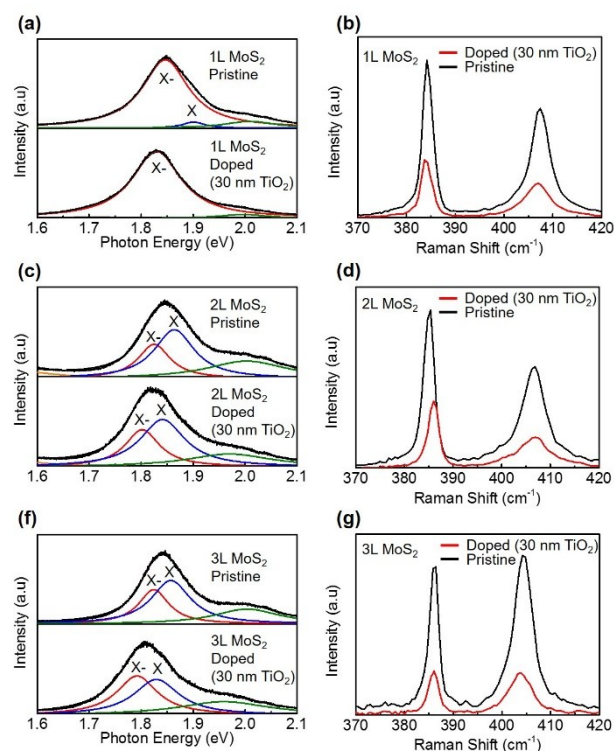


Fig. S1 Raman spectra of 1-4L MoS₂ before (black line) and after (red line) 6-nm-thick TiO₂ doping.

Fig. S2 PL and Raman spectra of 1L-3L MoS₂ before and after being



doped with 30-nm-thick TiO₂. The three panels listed on the left side are PL spectra and those listed on the right side are corresponding Raman spectra.

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† Footnotes relating to the title and/or authors should appear here.

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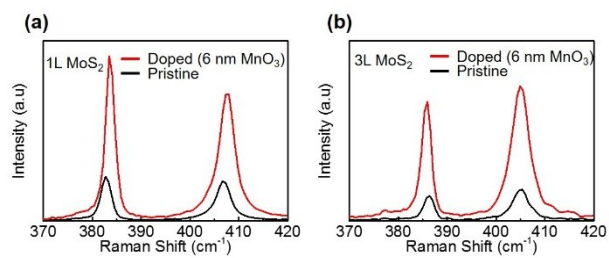


Fig. S3 Raman spectra of 1L (a) and 3L (b) MoS₂ before (black line) and after (red line) 6-nm-thick MoO₃ doping.