Supporting Information

Promoting effect of MXene on 1T/2H-MoSe₂ for hydrogen evolution

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Fig. S1 SEM image of Ti$_3$C$_2$ lamellas.
Fig. S2 SEM image of blank MoSe$_2$ nanoflowers.
Fig. S3 SEM image of M/T_{50}.
Fig. S4 SEM image of M/T$_{150}$. 
Fig. S5 CV curves of (a) MoSe$_2$, (b) Ti$_3$C$_2$, and (c) M/T$_{100}$ at 20-100 mV s$^{-1}$. 
Fig. S6 CV curves of M/T<sub>100</sub>, MoSe<sub>2</sub> and Ti<sub>3</sub>C<sub>2</sub> with scan rate of 50 mV s<sup>-1</sup>. 