

## Supporting Information

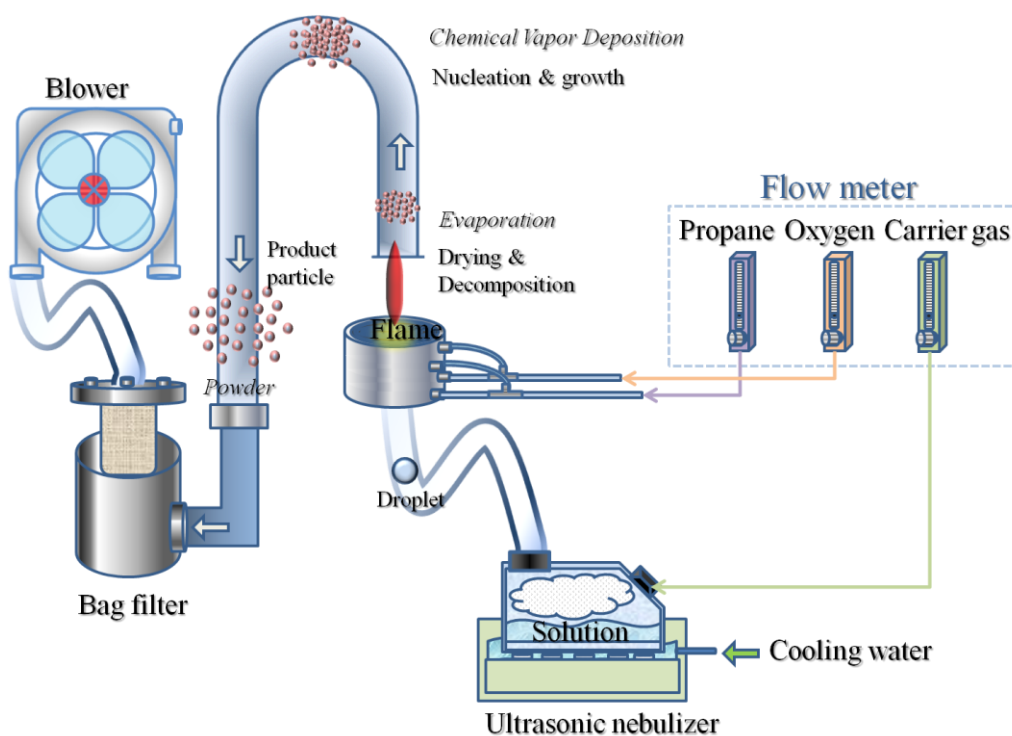
### Electrochemical properties of ultrafine TiO<sub>2</sub>-doped MoO<sub>3</sub> nanoplates prepared by one-pot flame spray pyrolysis

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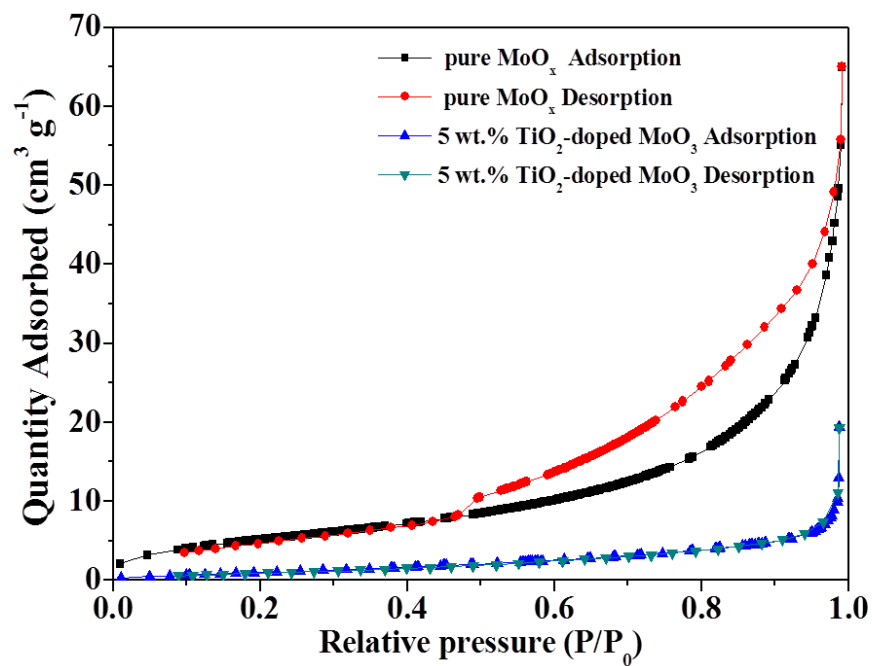
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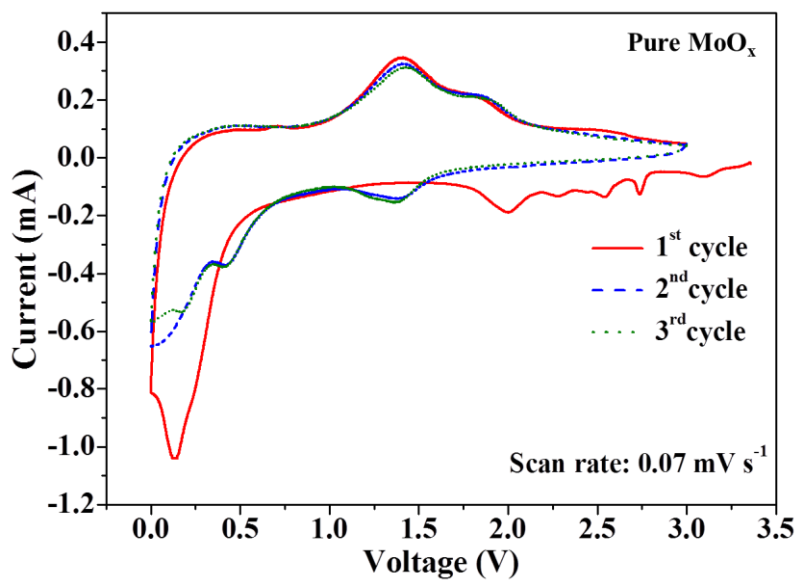
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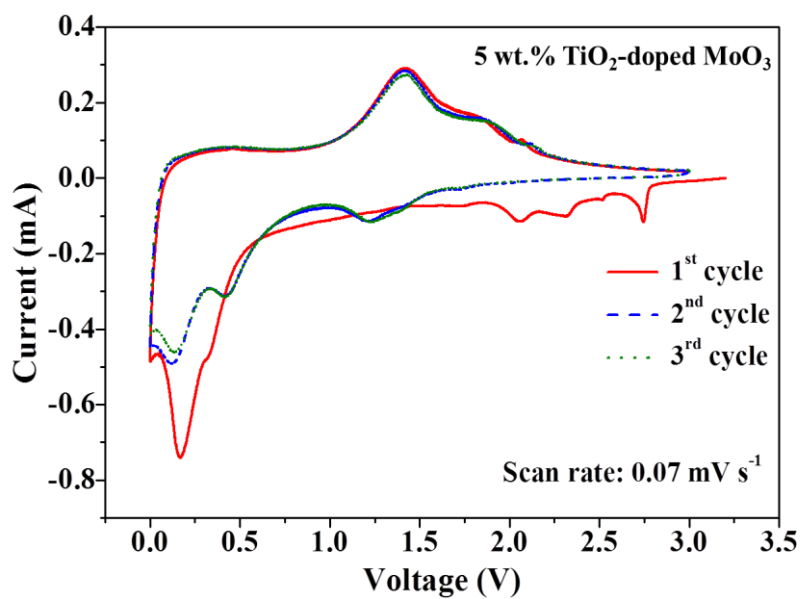
**Fig. S1** Schematic diagram of the flame spray pyrolysis process.



**Fig. S2** N<sub>2</sub> adsorption–desorption isotherms of the pure MoO<sub>x</sub> and TiO<sub>2</sub>-doped MoO<sub>x</sub> powders prepared by flame spray pyrolysis



(a) pure  $\text{MoO}_x$



(b) 5 wt.%  $\text{TiO}_2$ -doped  $\text{MoO}_3$

**Fig. S3** Cyclic voltammogram curves of the pure  $\text{MoO}_x$  and  $\text{TiO}_2$ -doped  $\text{MoO}_x$  powders prepared by flame spray pyrolysis.