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Electronic Supplementary Information

Recent developments of molybdenum and tungsten sulfides as hydrogen evolution catalysts

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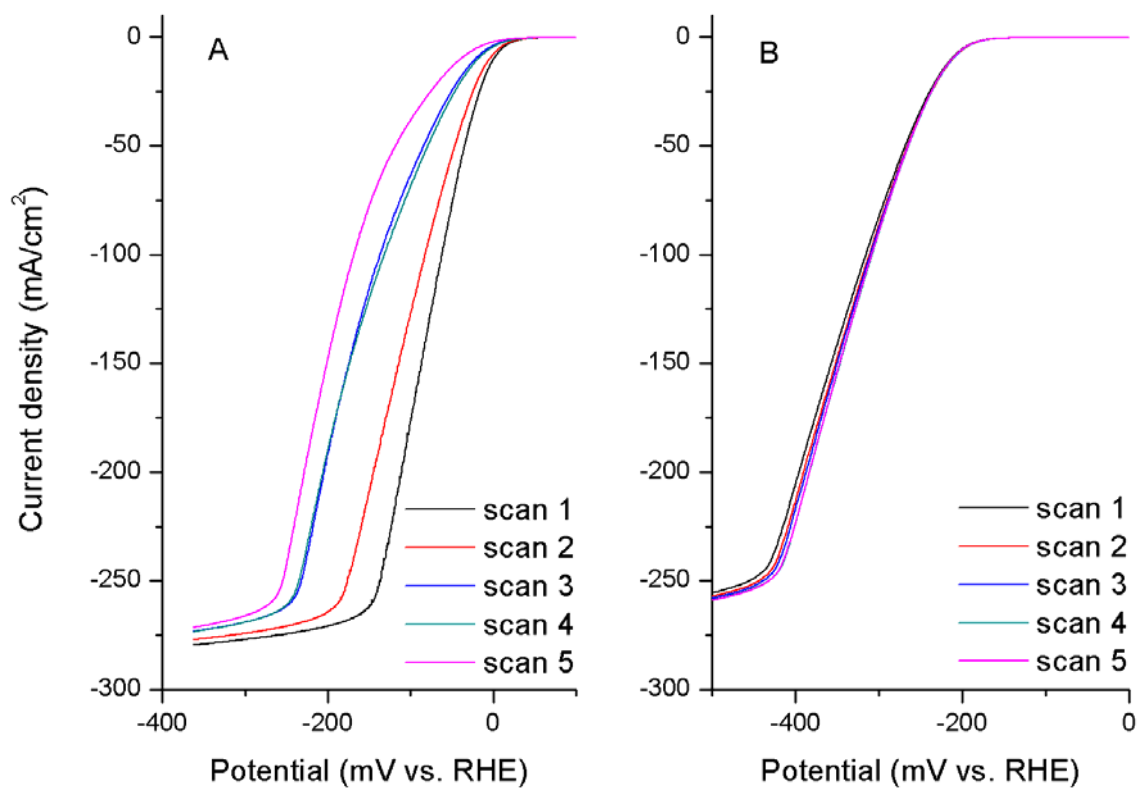* To whom correspondence should be addressed. E-mail: xile.hu@epfl.ch

Figure S1. Consecutive polarization measurements with a platinum rotating disk electrode **(A)** and with amorphous MoS_3 on a rotating glassy carbon disk electrode **(B)** in 1.0 M H_2SO_4; 2 mV/s, 4500 rpm.
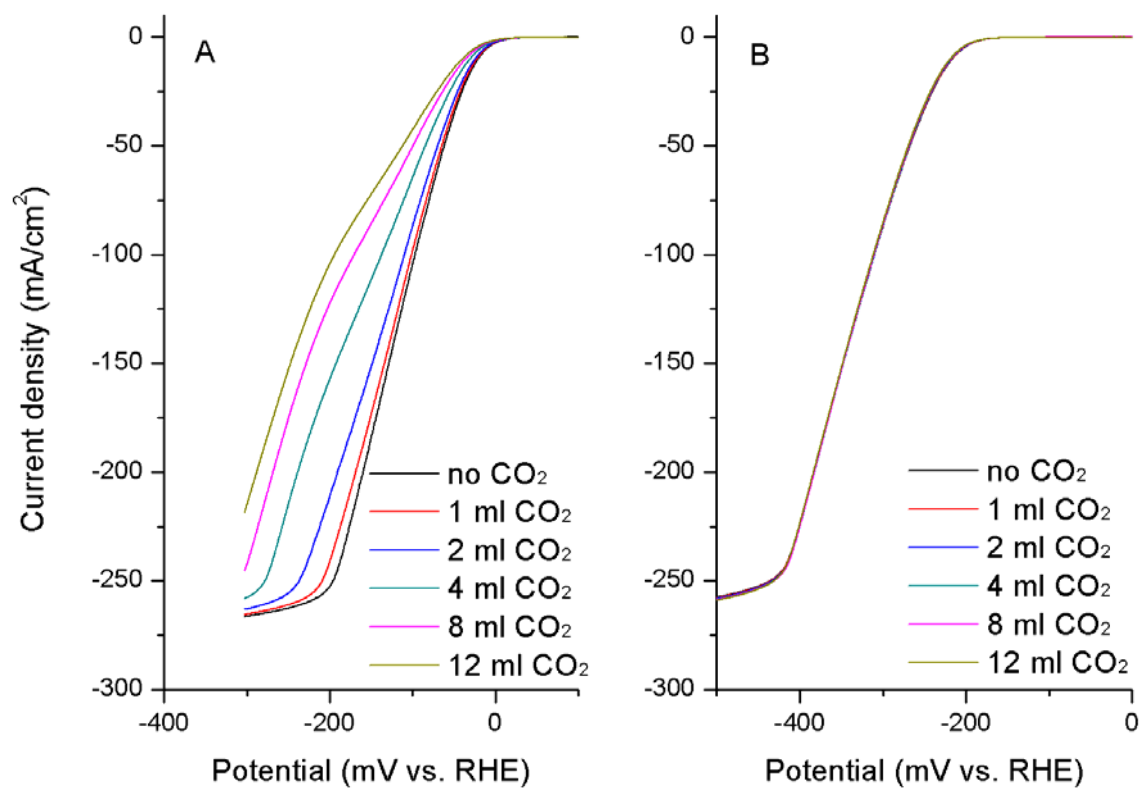
Figure S2. Polarization curves with a platinum rotating disk electrode (**A**) and with amorphous MoS_3 on a rotating glassy carbon disk electrode (**B**) before and after the injection of CO_2 into the solution (1.0 M H_2SO_4); 2 mV/s, 4500 rpm.

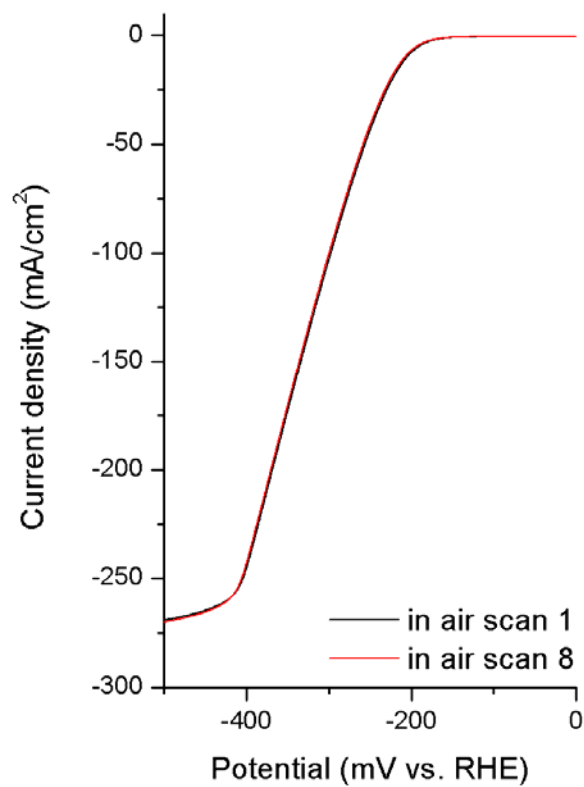**Figure S3.** Consecutive polarization measurements with amorphous MoS_3 on a rotating glassy carbon disk electrode in an air saturated 1.0 M H_2SO_4; 2 mV/s, 4500 rpm.