Electronic Supplementary Material (ESI) for Sustainable Energy & Fuels.

Oxidative desulfurization catalyzed by a novel ZrP/MCM−41 catalyst with the high performance

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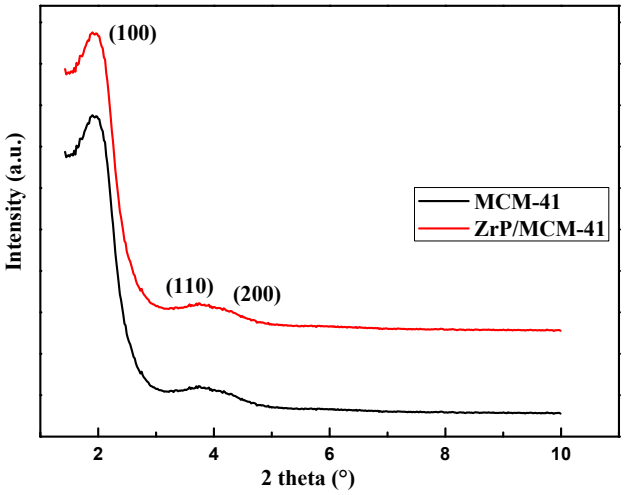

Fig. S1 The small-angle XRD patterns of MCM-41and ZrP/MCM−41.

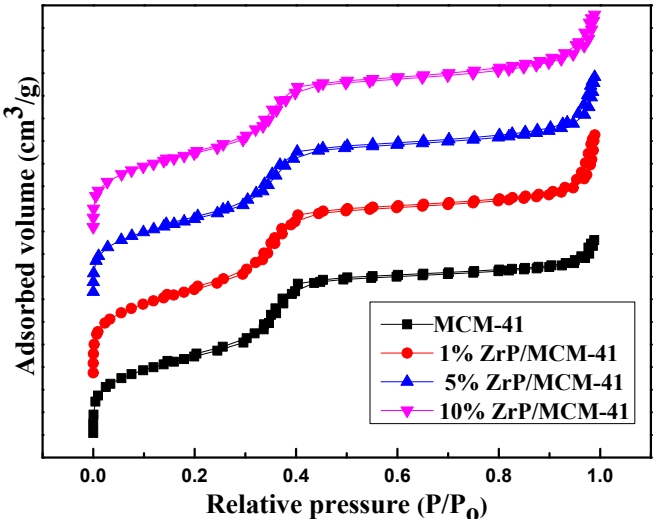

Fig. S2 N_2 adsorption-desorption isotherms of MCM−41and ZrP/MCM−41 with different loading.

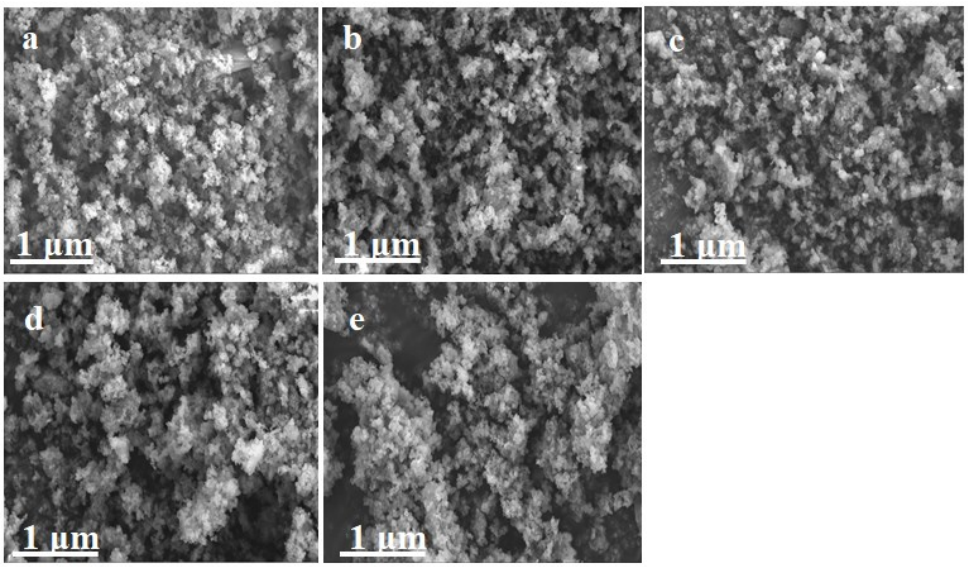

Fig. S3 SEM images of (a) MCM−41, (b) 1% ZrP/MCM−41, (c) 3% ZrP/MCM−41, (d) 5% ZrP/MCM−41 and (e) 10% ZrP/MCM−41.