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Supplementing Information

Synthesis of mesoporous ZnO/TiO_2-SiO_2 composite material and its application in photocatalytic adsorption desulfurization without the addition of extra oxidant

Kangdi Zhou, Yongcong Ding[1], Linfeng Zhang, Huadong Wu *, Jia Guo *

Key Laboratory of Green Chemical Process of Ministry of Education, Hubei Key Laboratory of Novel Chemical Reactor and Green Chemical Technology, Wuhan Institute of Technology, Wuhan 430073, P. R. China.

[1] This author has equal contribution as the first author.

** Corresponding authors: Tel: 86-027-87194980;*

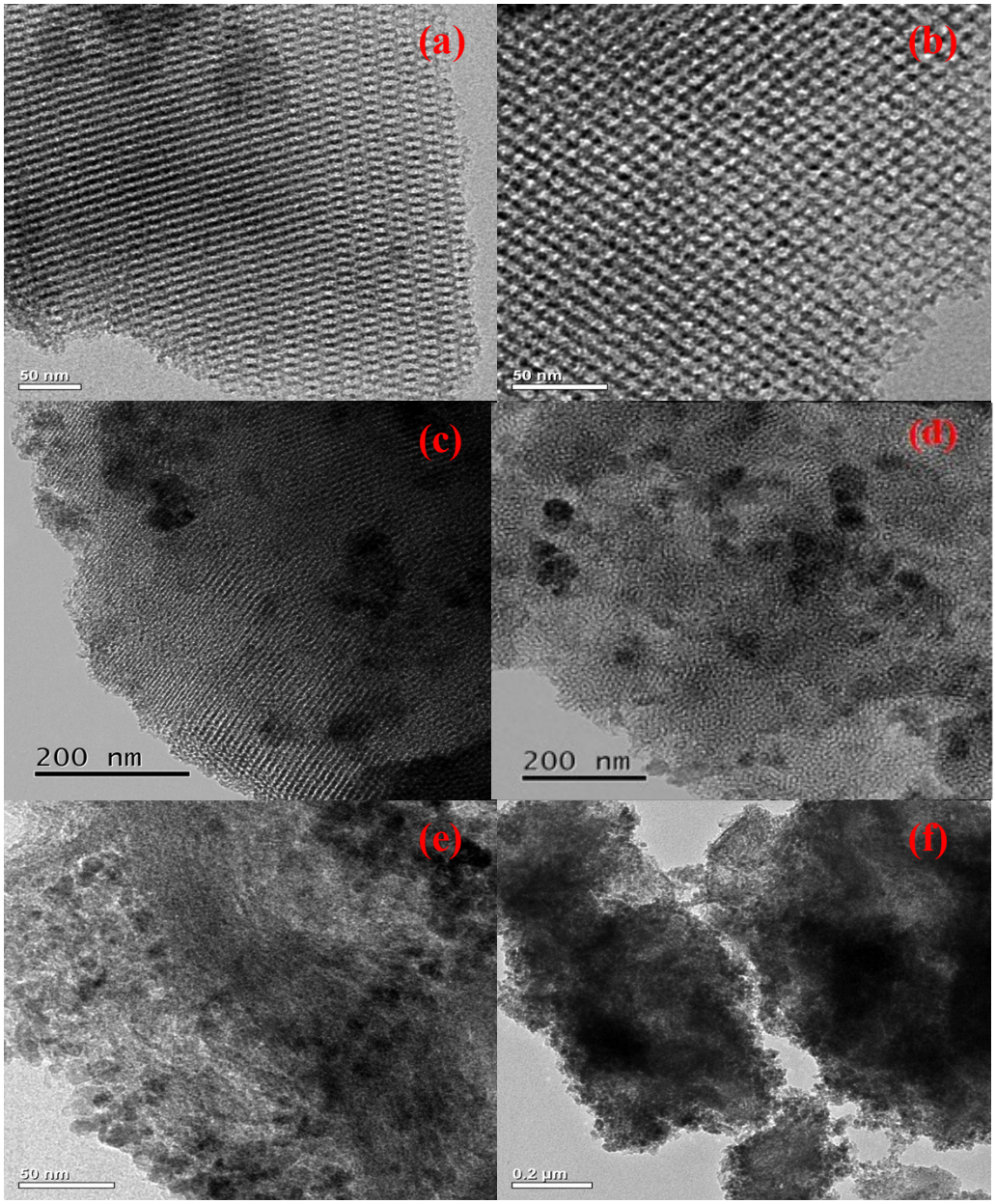
E-mail address: wuhuadong@wit.edu.cn; guojia@wit.edu.cn;

Fig. S1 TEM images corresponding to (a) ZS, (b) ZTS-50, (c) ZTS-10, (d) ZTS-5, (e) ZTS-3, (f) ZTS-2.

Fig. S2 N_2 adsorption/desorption isotherms (a) and pore size distribution (b) of different TiO_2 doped ZTS.

Fig. S3 GC-MS analysis of the product desorbed from the catalyst.

Fig. S4 Temporal spectrum changes of DBT taking place in the presence of ZTS-3.



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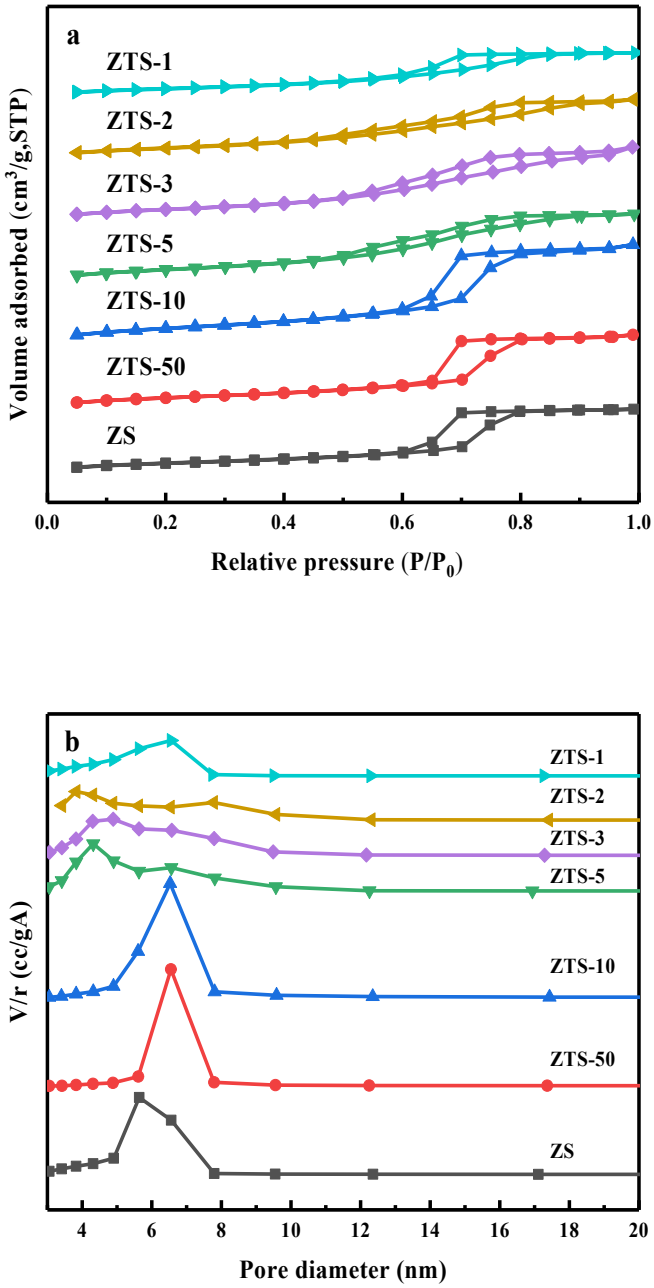

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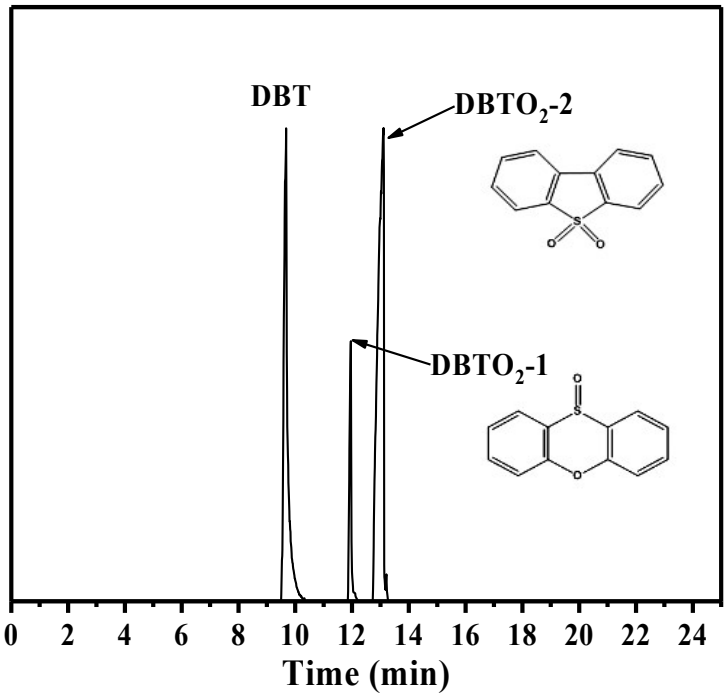

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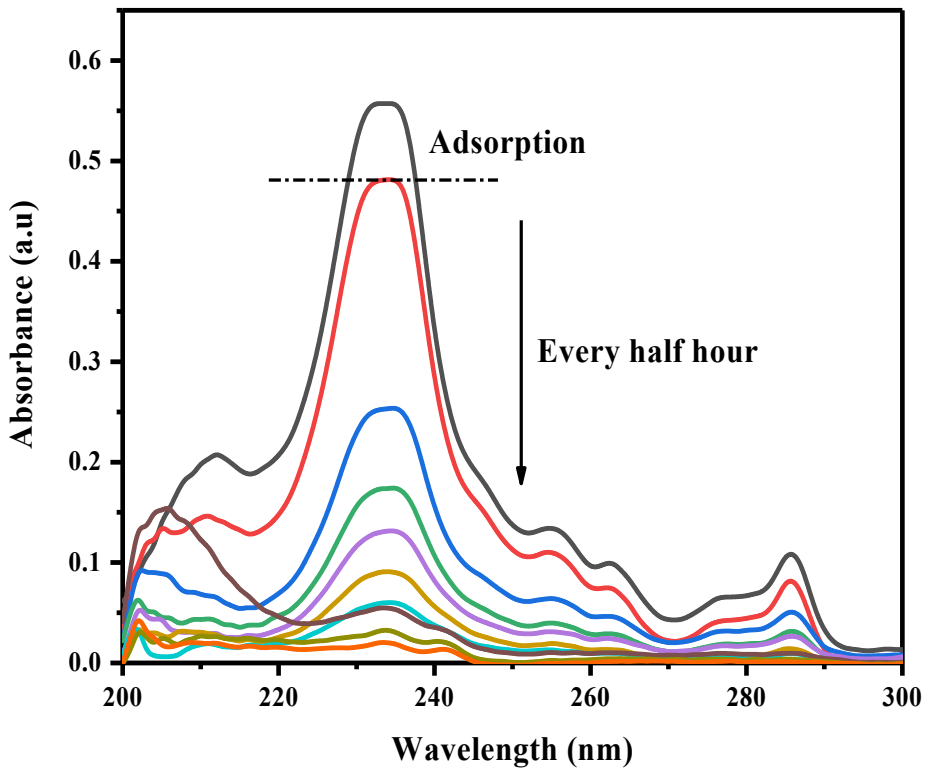

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