

Supporting Information for

Porous anatase TiO₂ constructed from a metal-organic framework for advanced lithium-ion battery anode

Ziqi Wang, Xiang Li, Hui Xu, Yu Yang, Yuanjing Cui, Hongge Pan, Zhiyu Wang, Banglin Chen, Guodong Qian**

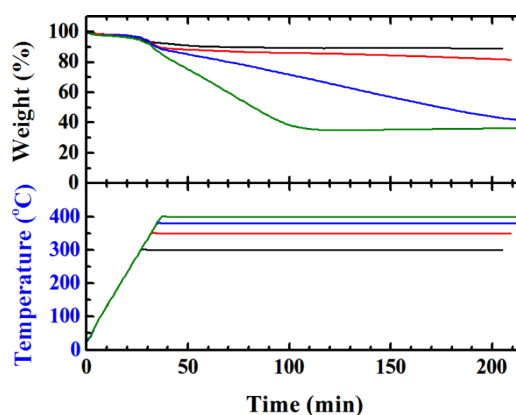


Fig. S1. TG curves of MIL-125(Ti) under air atmosphere at constant temperatures ranging from 300-400 °C. Weightloss and corresponding temperature are shown in lines with the same color.

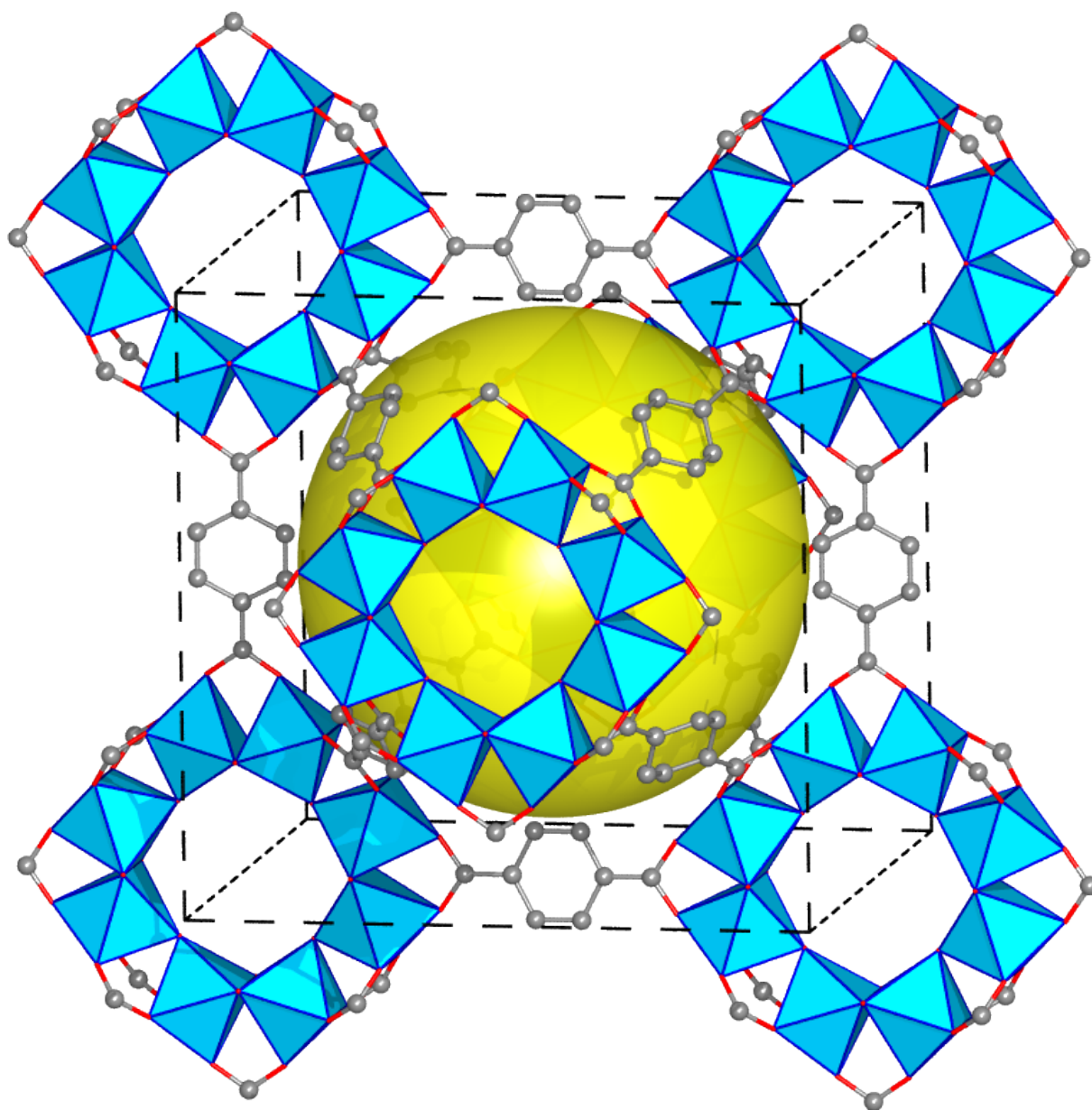


Fig. S2. Crystal structure of MIL-125(Ti). C, O and Ti atoms are shown in the color of grey, red and cyan separately. H atoms are omitted for clarity. Void space in the structure is filled with yellow ball.

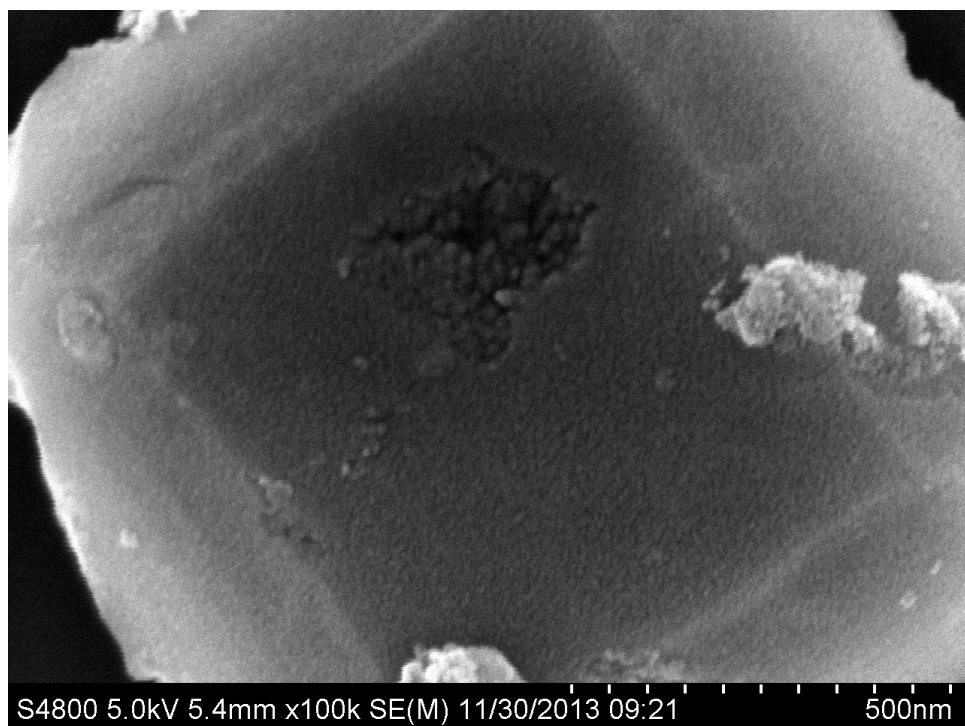


Fig. S3. SEM morphology of porous TiO₂ demonstrating nanosized tunnels on the surface.

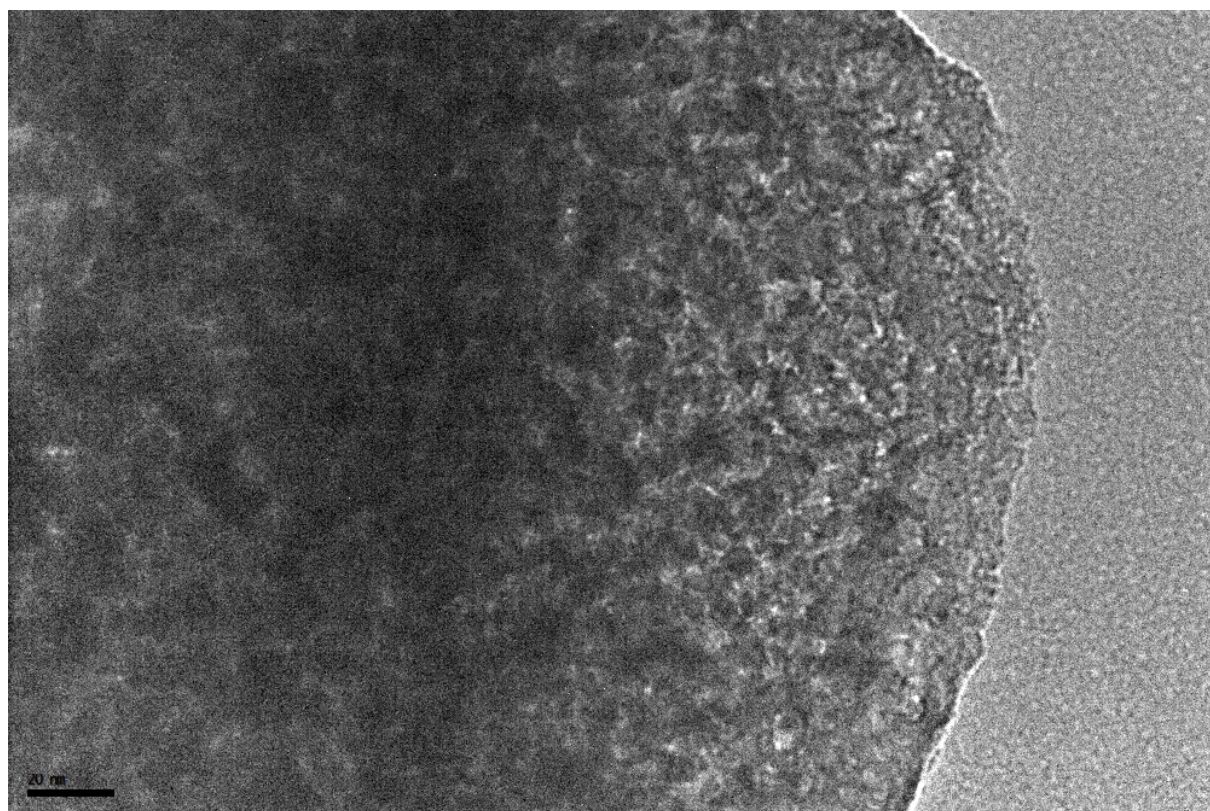


Fig. S4. TEM morphology of porous TiO₂.

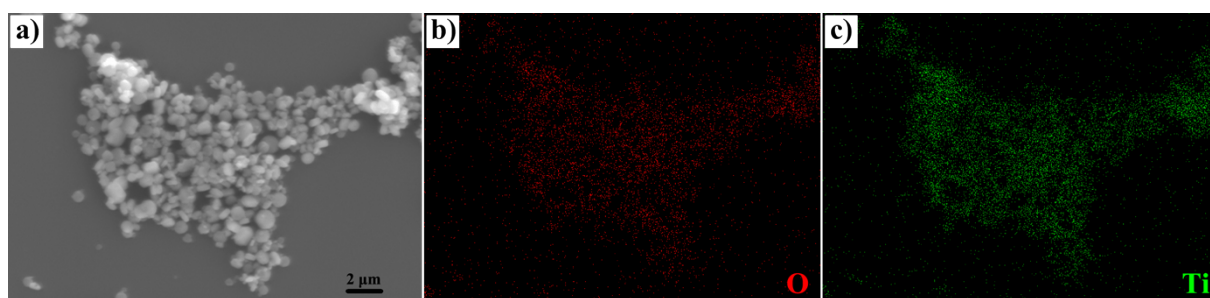


Fig. S5. (a) SEM morphology and corresponding (b) O, (c) Ti EDS mappings.