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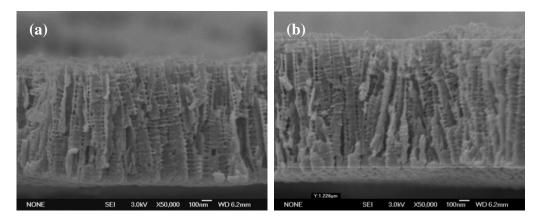


## **Supporting Information**

## Designing Superhydrophobic Porous Nanostructures with Tunable Water Adhesion

By Yuekun Lai, Xuefeng Gao,\* Huifang Zhuang, Jianying Huang, Changjian Lin,\* and Lei Jiang

Prof. C. J. Lin, Dr. Y. K. Lai, H. F. Zhuang [\*] State Key Laboratory of Physical Chemistry of Solid Surfaces, and College of Chemistry and Chemical Engineering, Xiamen University Xiamen, 361005 (P. R. China) E-mail: cjlin@xmu.edu.cn [\*] Prof. X. F. Gao Suzhou Institute of Nano-Tech and Nano-Bionics, Chinese Academy of Sciences Suzhou, 215125, (P. R. China) E-mail: xfgao2007@sinano.ac.cn Dr. J. Y. Huang Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences Fuzhou, 350002, (P. R. China) Prof. L. Jiang Institute of Chemistry, Chinese Academy of Sciences Beijing, 100080, (P. R. China)



**Figure S1.** SEM side-views of the  $TiO_2$  nanotube array (NTA) prepared by anodizing Ti under 20 V in the mixed electrolyte of 0.5 wt% NaF and 1 M Na<sub>2</sub>SO<sub>4</sub> for 40 min (a) and 80 min (b), respectively.

Movies S1-2: showing the superhydrophobic NVS nanostructure surface with extremely low water adhesion.