

Supplementary Information for

Glucosan controlled biomineralization of SrCO_3 complex nanostructures with superhydrophobicity and adsorption properties

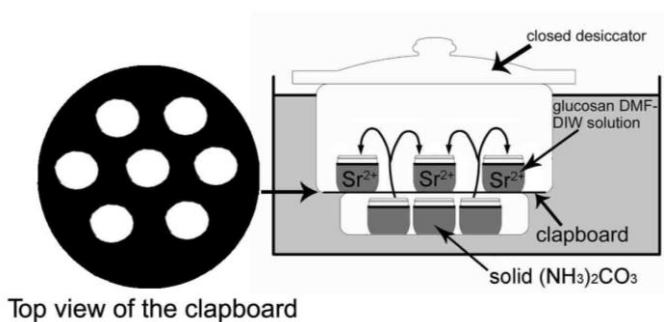
Shuisheng Wu,^{a,b} Shuangfeng Yin,^{*a} Huaqiang Cao,^{*b} Yuexiang Lu,^b Jiefu Yin^b and Baojun Li^b

^a College of Chemistry and Chemical Engineering, Hunan University, Changsha 410082, Hunan P. R. China.

E-mail: sfyin73@yahoo.com.cn

^b Department of Chemistry, Tsinghua University, Beijing 100084, P R China.

E-mail: hqcao@mail.tsinghua.edu.cn



Scheme S1. Illustration of the SrCO_3 synthesis process

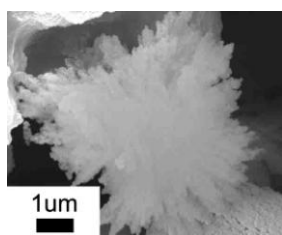


Figure S1. higher magnification of SEM images of *SCO-8*

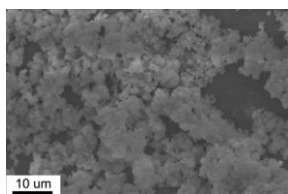


Figure S2. SEM images of commercial SrCO_3

Movie. S1 The movie of the sliding angle measurement of as-synthesized *SCO-8* nanostructures.