

Supporting Information

Ag/Diatomite for highly efficient solar vapor generation under one-sun irradiation

Jing Fang, Qinglei Liu, Wang Zhang, Jiajun Gu*, Yishi Su, Huilan Su, Cuiping Guo, and Di Zhang*

State Key Laboratory of Metal Matrix Composites, Shanghai Jiao Tong University, Shanghai 200240, China

*Correspondence and requests for materials should be addressed to J. J. G (gujiajun@sjtu.edu.cn) and D. Z. (zhangdi@sjtu.edu.cn)

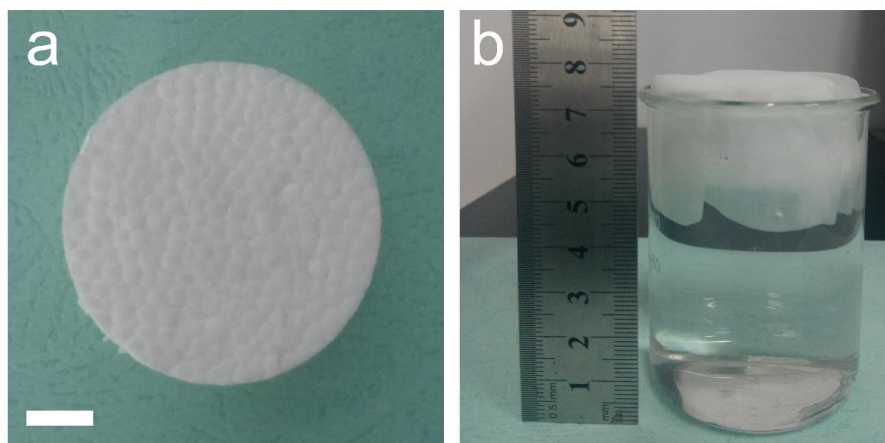


Figure S1. Digital images of (a) a polystyrene foam and (b) an airlaid paper wrapped around the polystyrene foam, floating on the surface of distilled water in a beaker (100 mL). Scale bar: 1 cm.

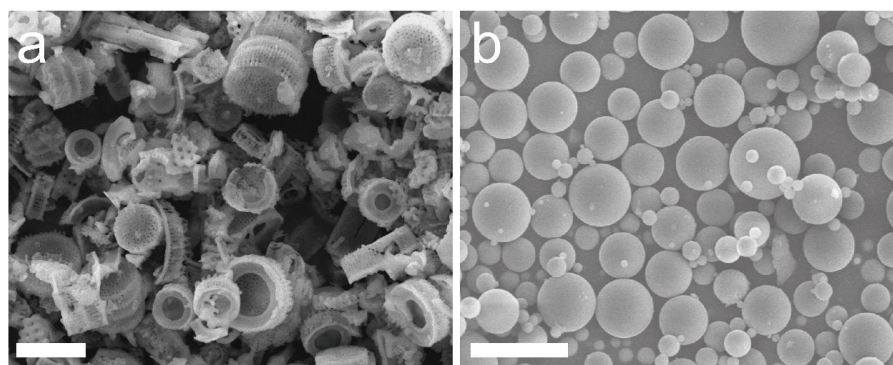


Figure S2. Low-magnification SEM images of (a) diatomite and (b) commercial SiO₂ spheres. Scale bars: 10 μm .

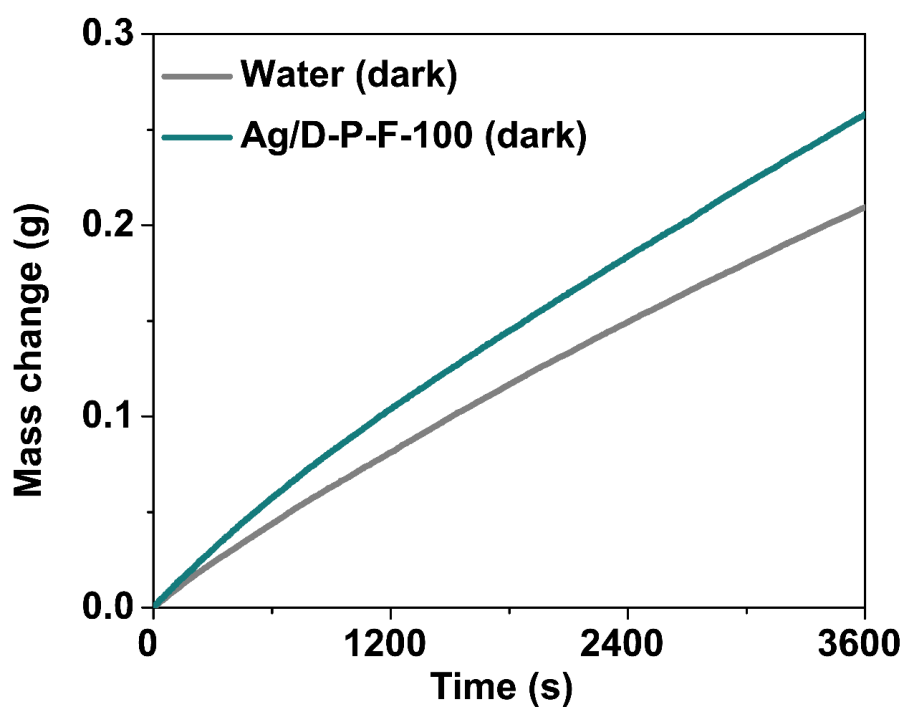


Figure S3. (a) The real-time water mass changes of Ag/D-P-F-100 and blank water without the vapor generation configuration under dark condition.