Fabrication of organic-inorganic hybrid membranes composed of poly(vinylidene fluoride) and silver cyanamide and its higher photocatalytic activity under visible light irradiation

Xinru Meng, Pin Yao, Yan Xu, Hao Meng, Xia Zhang*
Department of Chemistry, College of Science, Northeastern university, shenyang 110819, China
E-mail: xzhang@mail.neu.edu.cn  Tel: + 862483684533. Fax: +862483684533.

Fig. S1 SEM images of PVDF membranes fabricated without using PVP and with 2 wt% and 5 wt% PVP.

Fig. S2 FT-IR spectrum of 2 wt% PVP decorated Ag₂NCN particles.
Fig. S3 The concentration of Acid blue 1 versus irradiating time without adding photocatalysts