

Electronic Supplementary Information for

Dion-Jacobson-type perovskite $\text{KCa}_2\text{Ta}_3\text{O}_{10}$ nanosheets hybridized with g- C_3N_4 nanosheets for photocatalytic H_2 production

Deli Jiang,^{*a} Wanxia Ma,^a Yingjie Yao,^a Peng Xiao,^a Baowei Wen,^a Di Li^{*b} and Min Chen^a

^a School of Chemistry and Chemical Engineering, Jiangsu University, Zhenjiang 212013, China

^b Institute for Energy Research, Jiangsu University, Zhenjiang 212013, China

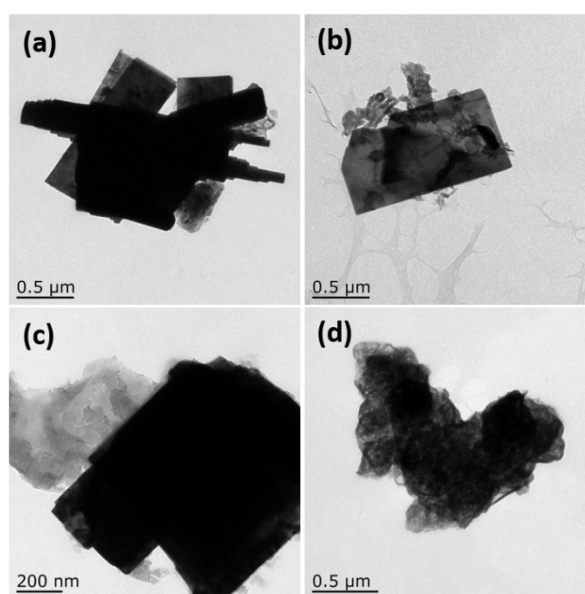


Fig. S1 TEM images of CN/KCTO with different mass ratios: (a) 5%-CN/KCTO, (b) 10%-CN/KCTO, (c) 20%-CN/KCTO, and (d) 40%-CN/KCTO.

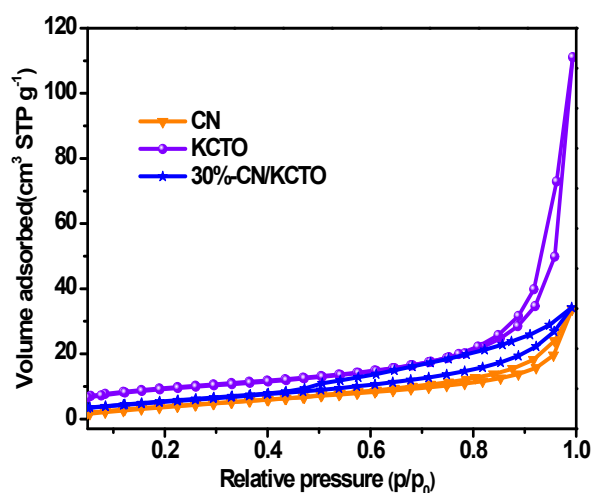


Fig. S2 N₂ adsorption-desorption isotherms curves of the KCTO, CN, and 30%-CN/KCTO heterojunction.