Fluorescent Sensors Based on Cu-Doped Carbon Quantum Dots for the Detection of Rutin

Cheng-ya Wang,∗ Shanzhai Shang,∗ Xudong Zheng,∗ Ping Lei,∗ Jingmei Han,∗ Linda Yuan,∗ Zhiqiang Li,∗ Ru Wang,∗ Weimin Gong,∗ Jianguo Tang∗,a and Yaling Yang✉a,b

aChina Tobacco Yunnan Industrial Co., Ltd, 650231 Kunming, China

bFaculty of Life Science and Technology, Kunming University of Science and Technology, 650500 Kunming, China

Figure S1. Fluorescence responses of the Cu-CQDs to the pH (a) and ionic strength with λex/λem of 354 nm/412 nm (b).

*e-mail: jgtang@163.com; yilyil8@163.com