

Supporting Information

A theoretical study of ring size effect on one- and two-photon absorption properties of macrocyclic thiophene derivatives

Shuang Huang,^a Lu-Yi Zou,^a Ai-Min Ren,^{*a} Jing-Fu Guo,^{*b} Xiao-Ting Liu^a and Ji-Kang Feng^a

^a State Key Laboratory of Theoretical and Computational Chemistry, Institute of Theoretical Chemistry, Jilin University, Changchun 130023, People's Republic of China

^b School of Physics, Northeast Normal University, Changchun 130021, People's Republic of China

*Corresponding author. E-mail: aimin_ren@yahoo.com, guojf217@nenu.edu.cn

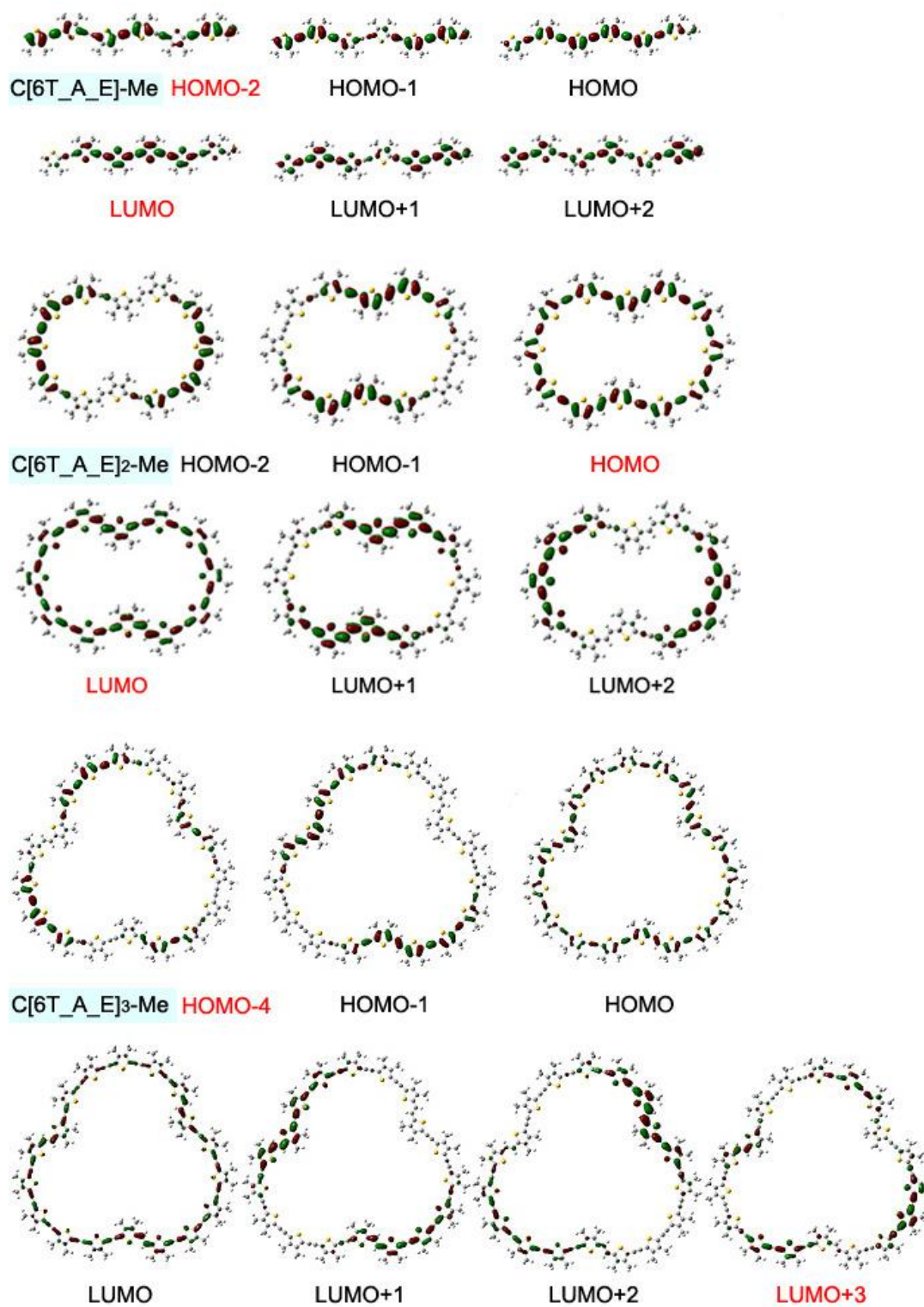


Fig. S1 Contour surfaces of the frontier orbital of studied molecules.