

Figure S1

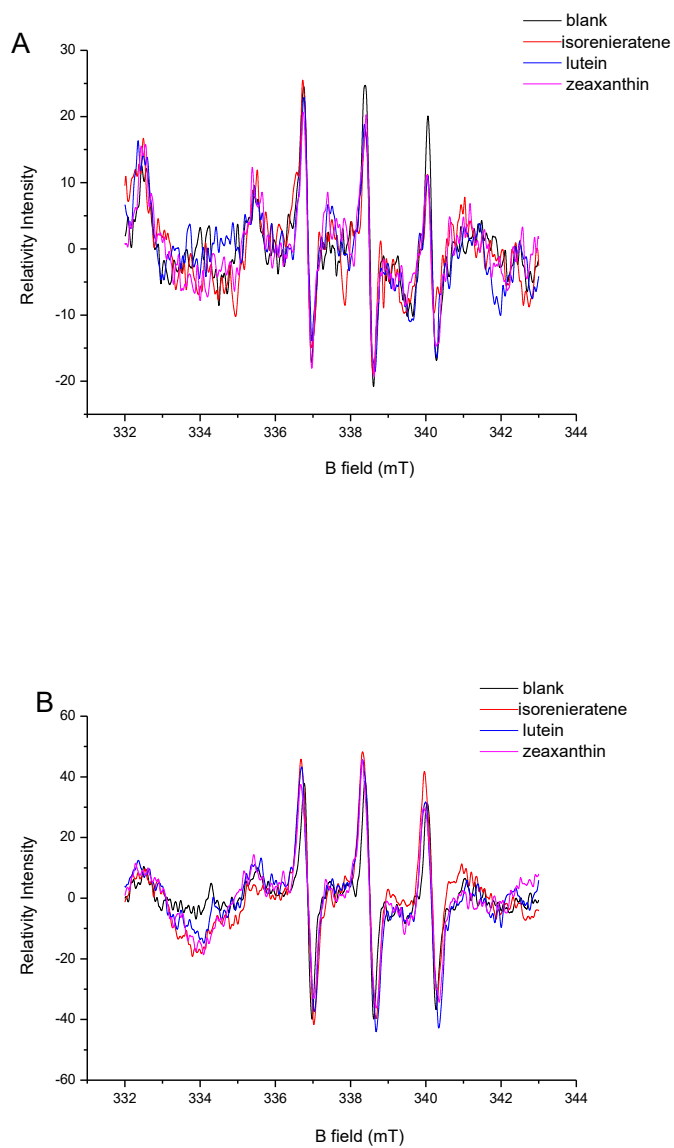
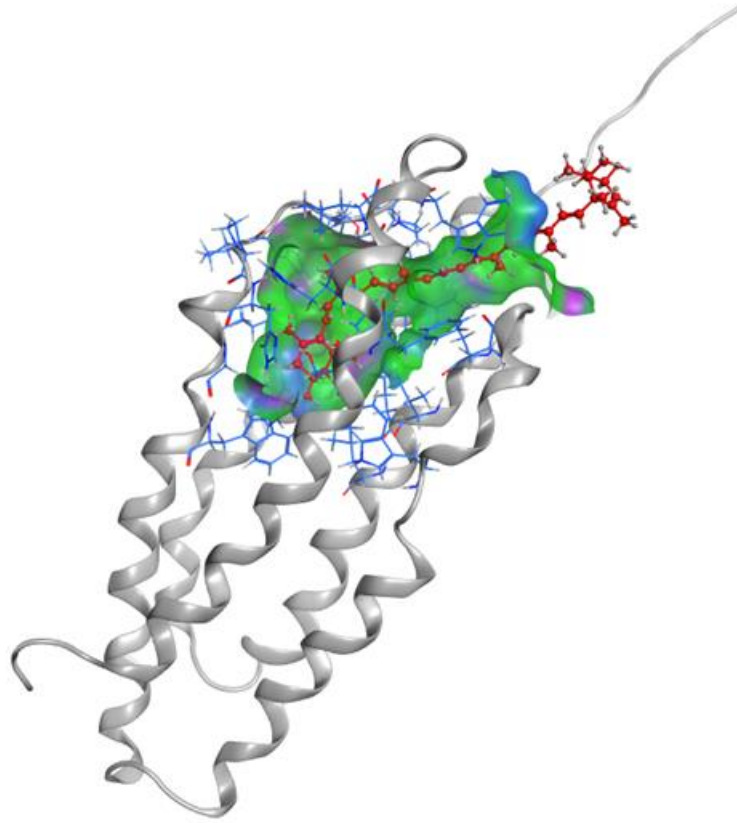


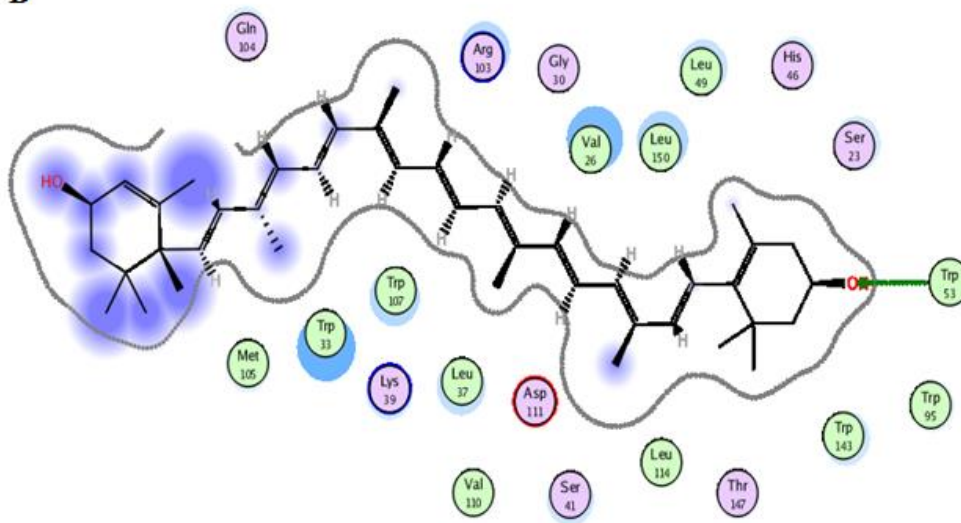
Figure S1. The singlet oxygen accumulations in model liposomes after 30 (A), 90 (B) mJ/cm² of UVB irradiation with or without pretreatments of carotenoids, respectively.

Figure S2

A



B



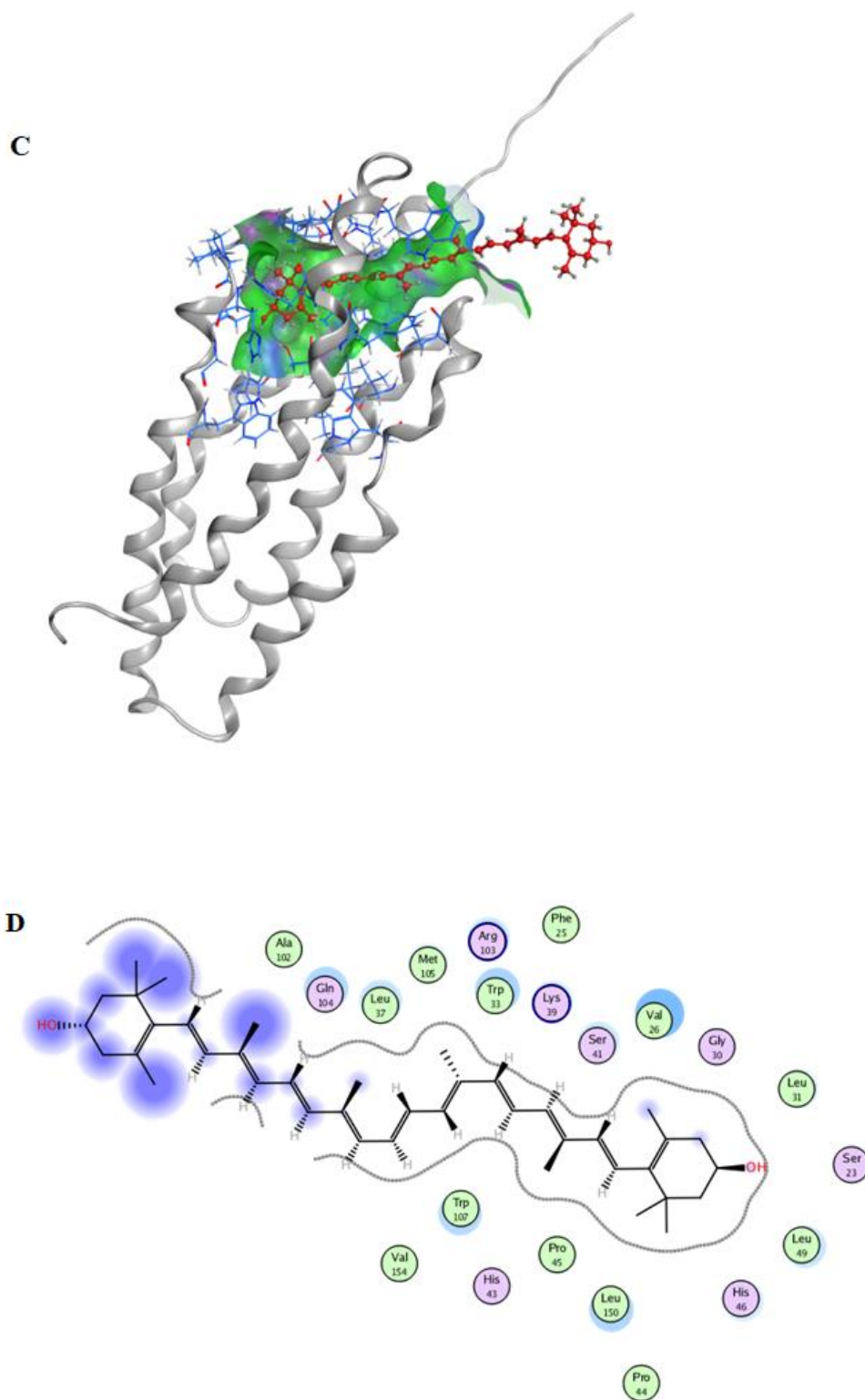


Figure S2. Interaction of lutein(A) and zeaxanthin(C) binding to hTSPO; Molecular contacts between lutein(B) or zeaxanthin(D) and amino acids of hTSPO.