



Figure 1. Effects of UV-B radiation on the contents of total flavonoids (A), rosmarinic acid (B), caffeic acid (C), salviaflaside (D) and hyperoside (E) in *P. vulgaris* spicas in three

developmental stages. CK: $0 \mu\text{W cm}^{-2} \text{ nm}^{-1}$; UV-B: $120 \mu\text{W cm}^{-2} \text{ nm}^{-1}$; S1, the bud stage; S2 the full-flowering stage; and S3, the mature-fruiting stage. Different lower-case letters indicate significant differences between CK treatments and UV-B treatments, and different capital letters indicate significant differences between the three developmental stages of *P. vulgaris* ($p < 0.05$).