

Figure 1. CO₂ emissions from soil in different treatments. (a) Soil with PE; (b) Soil with PLA. Abbreviations -0W, -1W, and -2W refer to 0, 1, and 2 weeks of ultraviolet irradiation periods respectively. Error bars indicate \pm standard deviation ($n = 3$)

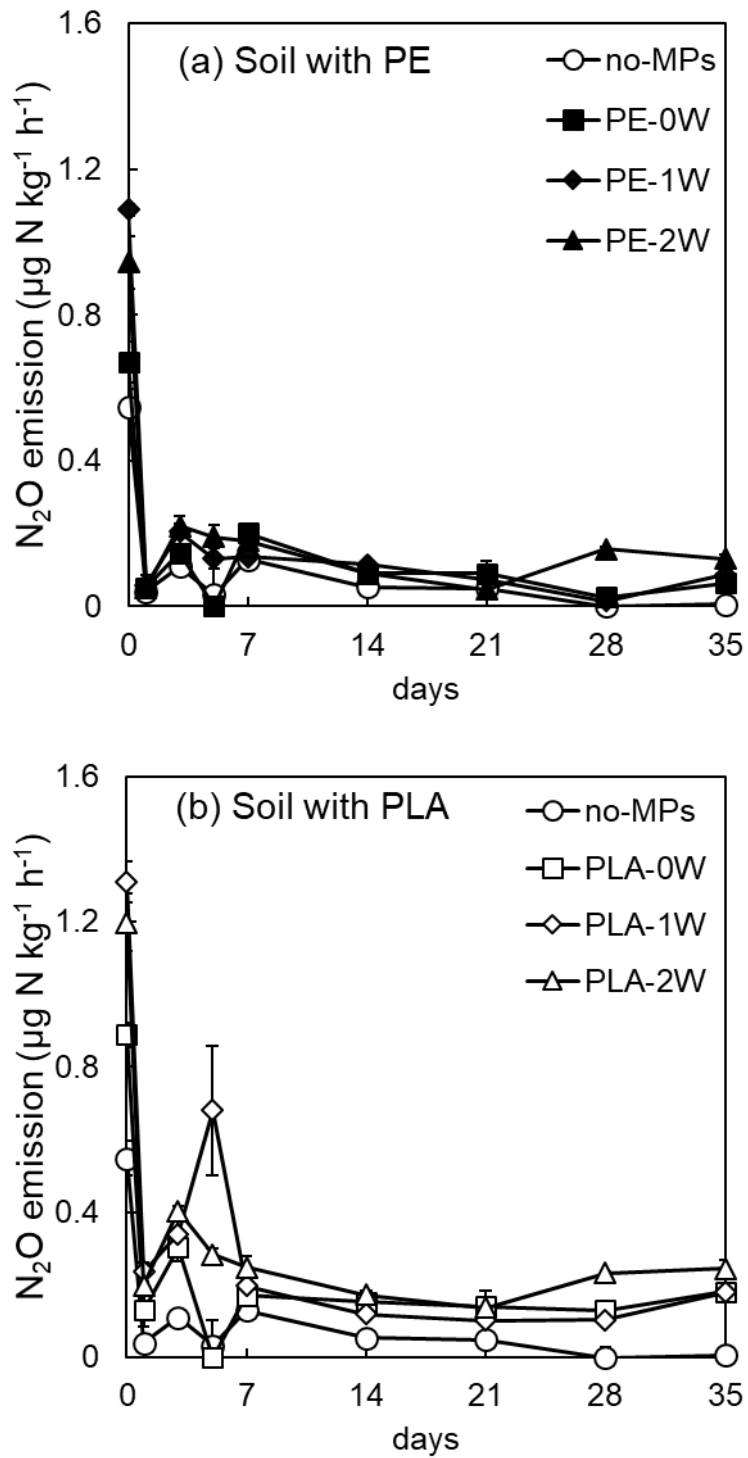


Figure 2. N₂O emissions from soil in different treatments. (a) Soil with PE; (b) Soil with PLA. Abbreviations -0W, -1W, and -2W refer to 0, 1, and 2 weeks of ultraviolet irradiation periods respectively. Error bars indicate \pm standard deviation ($n = 3$)

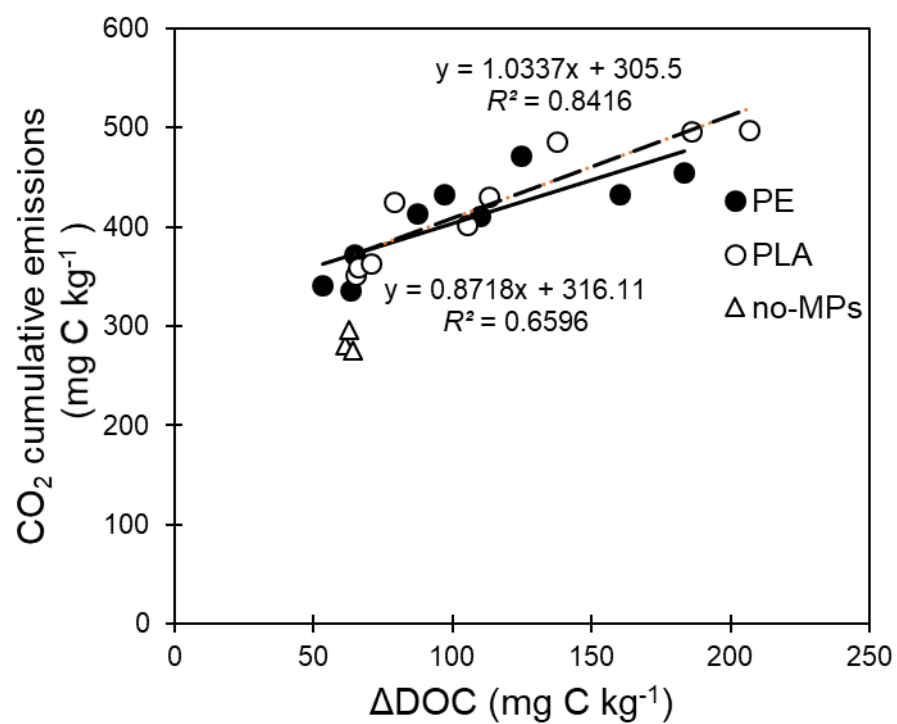


Figure 3. Relationship between CO_2 cumulative emissions and ΔDOC during the first period.