

Supplementary

Table 1. The physiochemical properties of PAW under different treatment time

Treatment time (min)	Nitrate (mg/L)	Nitrite (mg/L)	pH	Conductivity (μS/cm)	ORP (mV)
0	0.70 ± 0.15	0.00 ± 0.00	6.99 ± 0.01	83.6 ± 0.61	369 ± 6.56
5	13.8 ± 0.15	10.3 ± 0.58	6.79 ± 0.18	104.9 ± 22.55	370 ± 7.51
10	29.8 ± 1.67	17.3 ± 1.15	4.22 ± 0.07	117.9 ± 2.80	465 ± 9.29
15	33.3 ± 0.87	13.0 ± 1.00	3.37 ± 0.06	208.3 ± 6.51	534 ± 13.0
20	42.7 ± 0.70	14.7 ± 0.58	3.17 ± 0.06	311.7 ± 12.01	554 ± 2.65

Note: The analysis was carried out in triplicates (n=3).

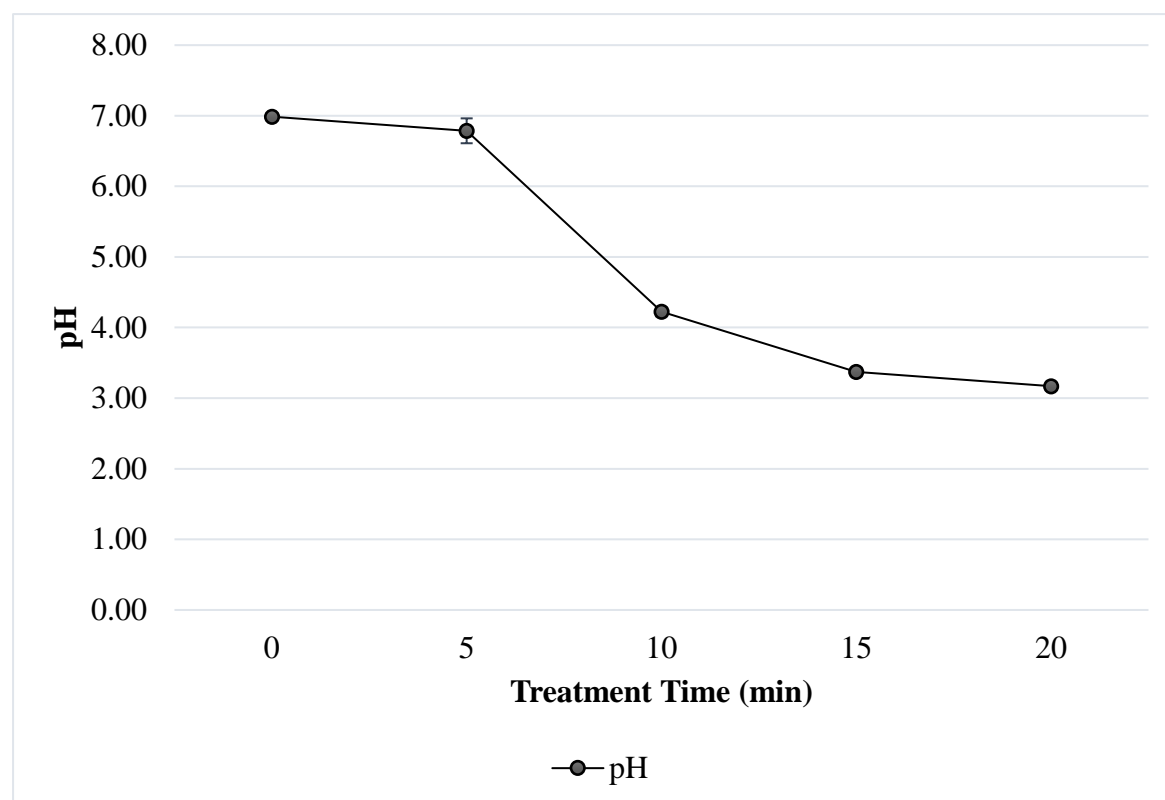


Figure S1. The pH values of PAW under different treatment time (n=3 in each group)

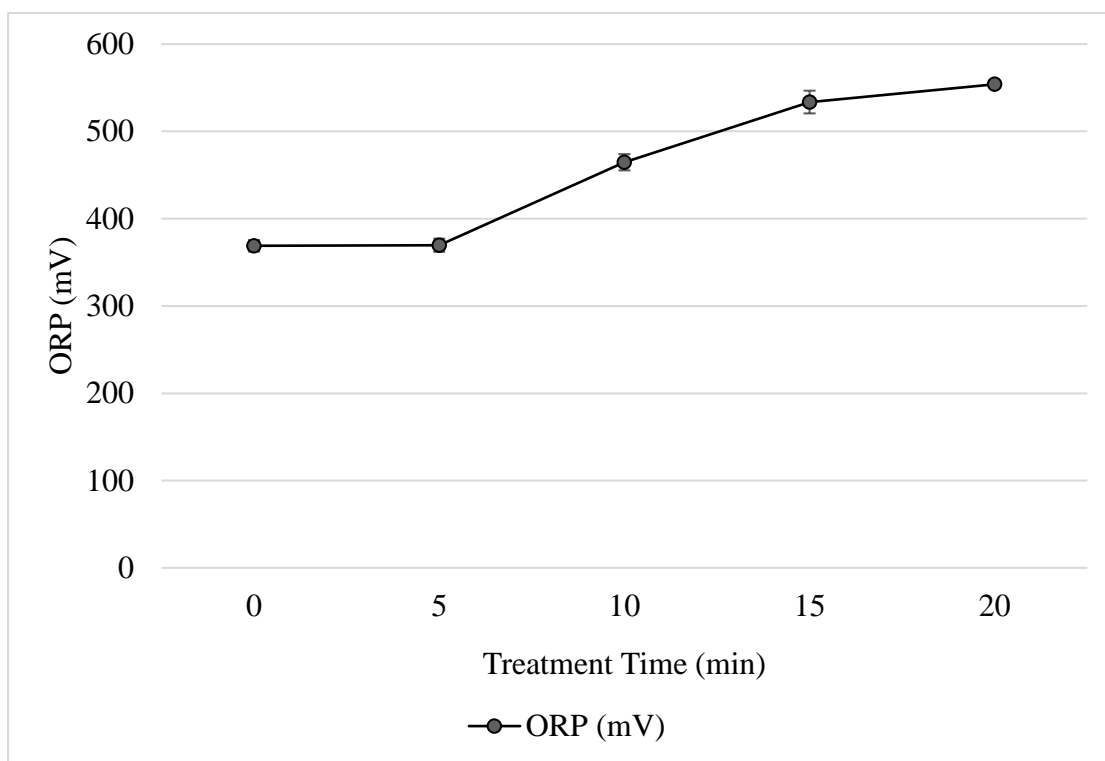


Figure S1. The ORP values of PAW under different treatment time (n=3 in each group)

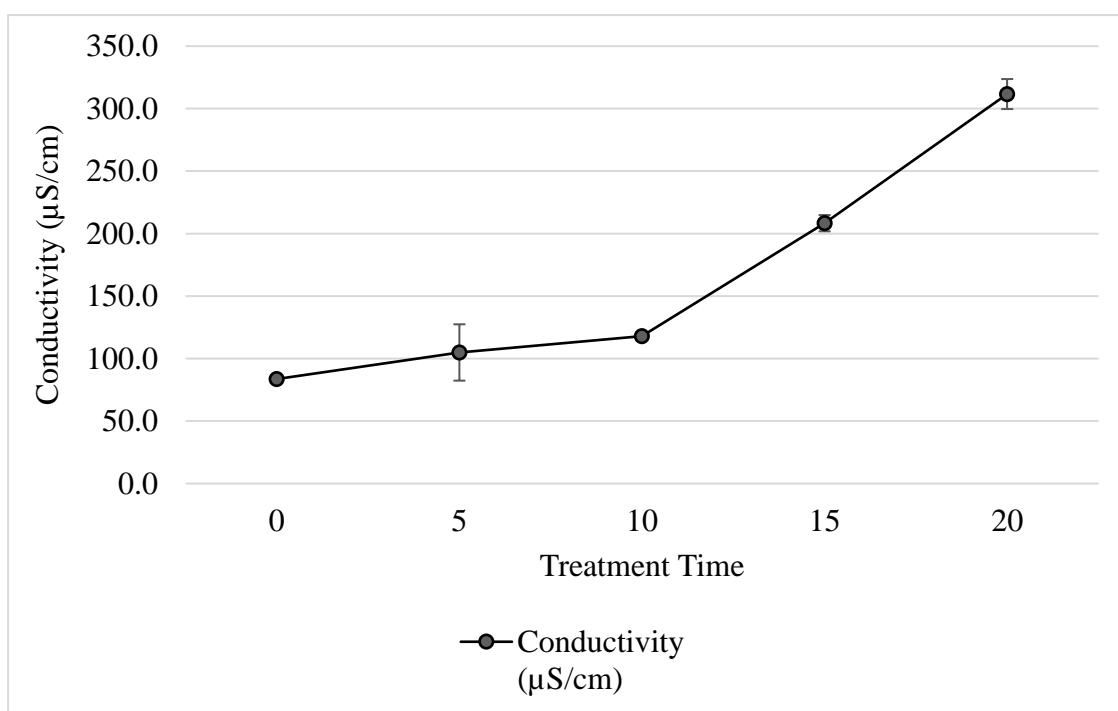


Figure S2. The electrical conductivity of PAW under different treatment time (n=3 in each group)

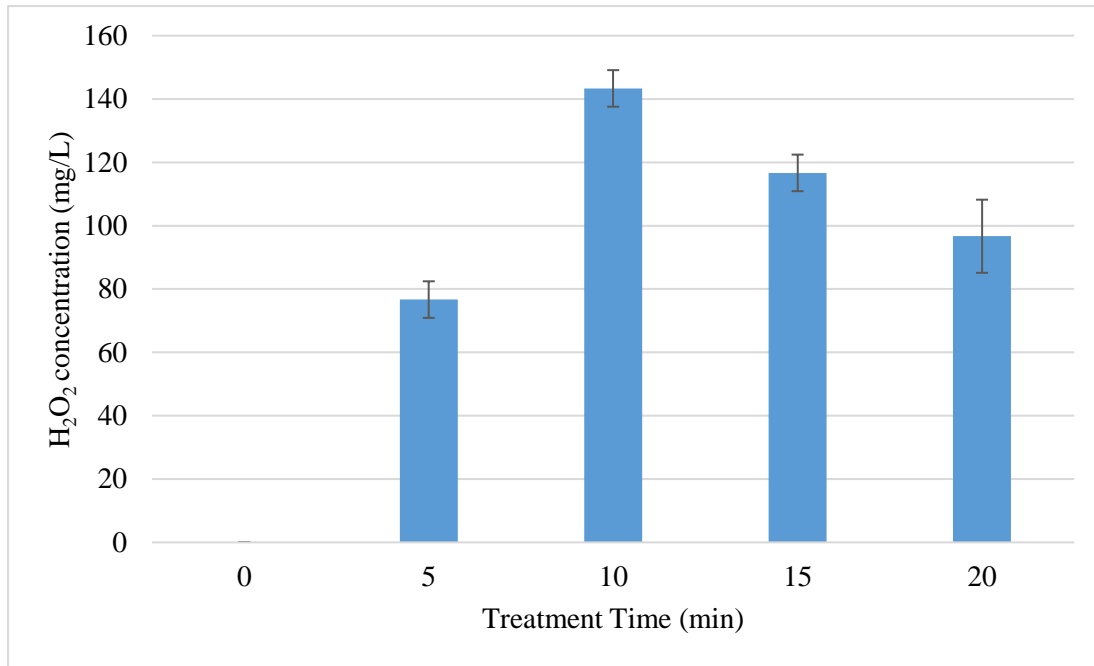


Figure S4. Concentration of H_2O_2 produced in PAW at different treatment time (N=3 for each group)

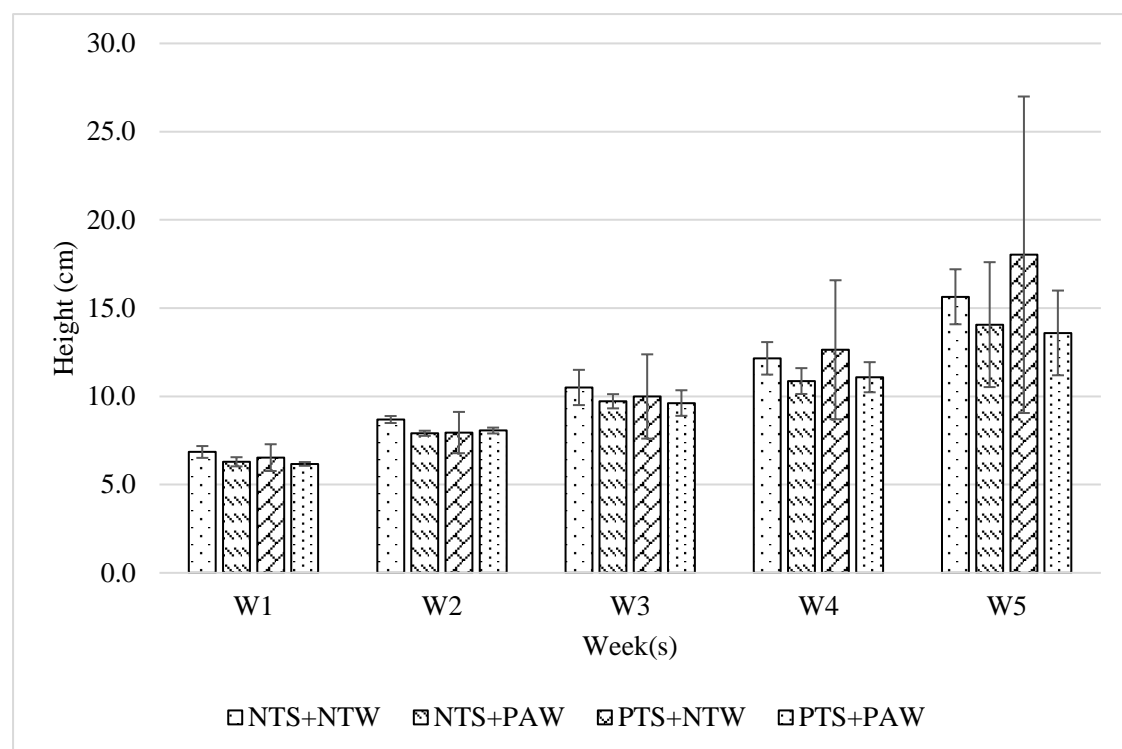


Figure S5. The average height of water spinach planted in Cd-added soil under different treatments

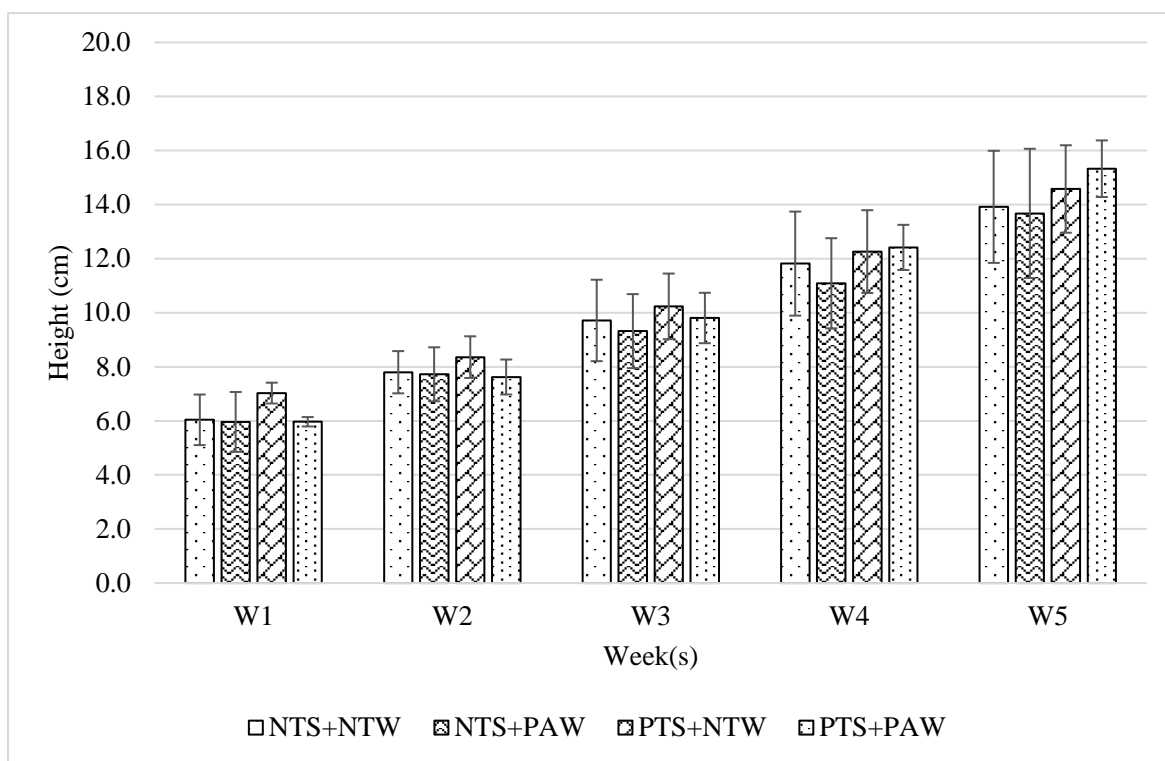


Figure S6. The average height of water spinach planted in Pb-added soil under different treatments

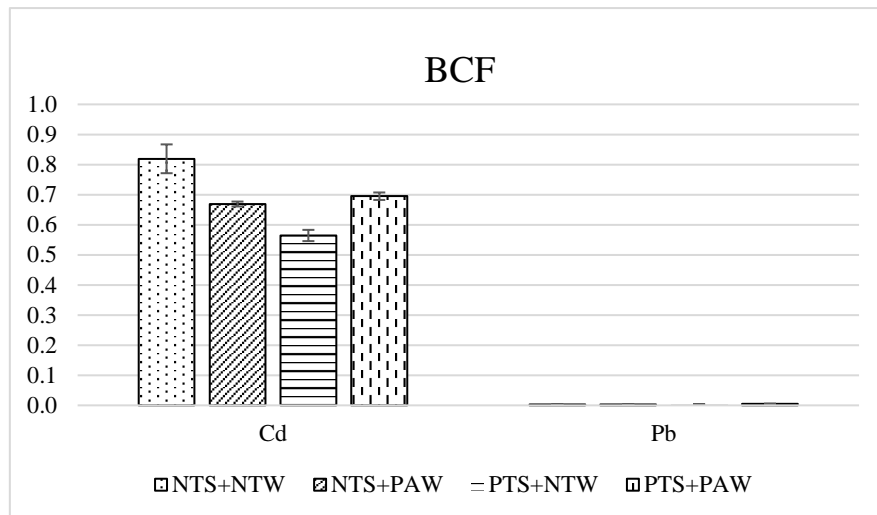


Figure S7. Bioconcentration factors of Cd and Pb in water spinach