

S3 Table. Number of lateral roots

NPs Concentration (mg/L)	CK		10		100		1000	
	Mean \pm SD	95% Confidence Interval for Mean	Mean \pm SD	95% Confidence Interval for Mean	Mean \pm SD	95% Confidence Interval for Mean	Mean \pm SD	95% Confidence Interval for Mean
Super-elevated CO ₂	9.13 \pm 1.45a	8.35-9.90	8.63 \pm 1.5a	7.80-9.45	8.94 \pm 1.24a	8.28-9.60	8.50 \pm 1.26a	7.83-9.17
Normal CO ₂	7.08 \pm 1.08a*	6.39-7.77	6.67 \pm 0.65 a*	6.25-7.08	6.67 \pm 0.98 a*	6.04-7.29	6.33 \pm 0.78 a*	5.84-6.83

Values are mean \pm SD (n \geq 3). Letters represent significant difference (p<0.05) among TiO₂ NPs treatments under the same growth conditions; * represents significant difference (p<0.05) between super-elevated CO₂ and normal CO₂ conditions at each TiO₂ NPs concentration.