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Title

Three years of exposure to lead and elevated CO_2 affects lead accumulation and leaf defenses in *Robinia pseudoacacia* L. seedlings

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This revised manuscript has been thoroughly edited by a native English speaker.

Highlights

- 3 years of elevated CO_2 increased Pb concentration in *R. pseudoacacia* seedlings.
- Elevated CO_2 increased malondialdehyde content in leaf under Pb stress.
- Elevated CO_2 enhanced Pb induced oxidative damage on seedlings.
- Long-term elevation of CO_2 did not improve the antioxidant capacity of seedling.
- Long-term elevation of CO_2 enhanced the phytoextraction of Pb-contaminated soils.