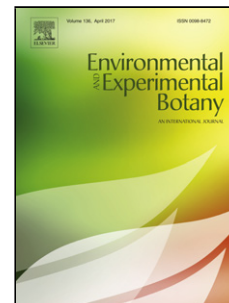


## Accepted Manuscript

Title: Developmental age and UV-B exposure co-determine antioxidant capacity and flavonol accumulation in *Arabidopsis* leaves

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- In *Arabidopsis* rosettes, developmental age of leaves modulates UV-B responses.
- Low UV-B positively affects UV-absorbing pigments, flavonols and total antioxidants.
- Developmental age affected photochemistry, and especially energy dissipation
- Developmental age associated variation in UV-absorbing pigments and antioxidant activity can exceed the response induced by low UV

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