

## Research articles SCI 2019 (9)

Ruiz-Navarro A, Fernández V, **Abadía J, Abadía A**, Querejeta JL, Albaladejo J, Barberá GG (2019) Foliar fertilization of two dominant species in a semiarid ecosystem improves their ecophysiological status and the use efficiency of a water pulse. **Environ Exp Bot** 167, in press (doi: [10.1016/j.envexpbot.2019.103854](https://doi.org/10.1016/j.envexpbot.2019.103854))

Banakar R, **Álvarez-Fernández A**, Zhu Ch, **Abadía J**, Capell T, Christou P (2019) The ratio of phytosiderophores nicotianamine and deoxymugenic acid controls metal homeostasis in rice. **Planta** 250, 1339–1354 (doi: [10.1007/s00425-019-03230-2](https://doi.org/10.1007/s00425-019-03230-2))

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Müller B, Kovács K, Diep Pham H, Kavak Y, Pechoušek J, Machala L, Zbořil R, Szenthe K, **Abadía J**, Fodor F, Klencsár Z, Solti A (2019) Iron uptake machinery of chloroplasts utilise ferric-citrate but not iron-nicotianamine complexes in *Brassica napus*. **Planta** 249, 751-763 (doi: [10.1007/s00425-018-3037-0](https://doi.org/10.1007/s00425-018-3037-0))

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[10.1007/978-3-319-93594-2\\_13](https://doi.org/10.1007/978-3-319-93594-2_13)

## Research articles SCI 2017 (6)

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Banakar R, **Álvarez-Fernández A**, **Díaz-Benito P**, **Abadia J**, Capell T, Christou P (2017) Phytosiderophores determine thresholds for iron and zinc accumulation in biofortified rice endosperm while inhibiting the accumulation of cadmium. **J Exp Bot** 68, 4983–4995 (doi: [10.1093/jxb/erx304](https://doi.org/10.1093/jxb/erx304)).

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## Research articles SCI 2016 (13)

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# Plant Stress Physiology

## Research articles SCI 2015 (9)

**NEW!!** Kizildeniz T, Mekni I, Santesteban H, Pascual I, **Morales F**, Irigoyen JJ (2015) Effects of climate change including elevated CO<sub>2</sub> concentration, temperature and water deficit on growth, water status, and yield quality of grapevine (*Vitis vinifera* L.) cultivars. *Agric Water Manag* 159: 155–164 (doi: [10.1016/j.agwat.2015.06.015](https://doi.org/10.1016/j.agwat.2015.06.015)).

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**Ceballos-Laita L, Gutierrez-Carbonell E, Lattanzio G, Vázquez S, Contreras-Moreira B, Abadía A, Abadía J, López-Millán AF** (2015) Protein profile of *Beta vulgaris* leaf apoplastic fluid and changes induced by Fe deficiency and Fe resupply. **Front Plant Sci** 6, 145 (doi: [10.3389/fpls.2015.00145](https://doi.org/10.3389/fpls.2015.00145)).

## Dissemination papers 2015 (1)

**Carrasco-Gil S, El-Jendoubi H, Ríos JJ, Fernández B, Abadía J, Abadía A** (2015) Fertilización foliar de Fe, un mismo objetivo tanto en estudios de campo como en laboratorio. **Vida Rural** 391, 46-54.

