

## Scientific production ensuing from the theses defended on the PhD programme in Plant Biology (RD99/2011)

Year of viva	Doctorand	Thesis title
2016	Rocío Castro Urgal	Patrones emergentes en redes de polinización en comunidades costeras de Baleares y Canarias

### Ensuing scientific contributions:

1. **Castro-Urgal R**, Tur C, Albrecht M, Traveset A (2012) How different link weights affect the structure of quantitative flower-visitation networks. *Basic and Applied Ecology* 13, 500-508.

Cited by: 12

Impact index: 3.156

Ranking: Agriculture and Biological sciences Q1

| 1 |

2. **Castro-Urgal R**, Traveset A (2014) Differences in flower visitation networks between an oceanic and a continental island. *Botanical Journal of the Linnean Society* 17, 478–488.

Cited by: 0

Impact index: 2.076

Ranking: Plant sciences Q2

3. **Castro-Urgal R**, Traveset A (2016) Contrasting Partners' Traits of Generalized and Specialized Species in Flower-Visitation Networks. *PLOS ONE* 11, e0150824.

Cited by: 3

Impact index: 2.740

Ranking: multidisciplinary sciences Q2

4. Traveset A, **Castro-Urgal R**, Rotllàn Puig X, Lázaro A (2018) Effects of habitat loss on the plant-flower visitor network structure of a dune community. *Oikos* 127, 45-55.

Cited by: 14

Impact index: 3.468

Ranking: Ecology Q2

Year of viva	Doctorand	Thesis title
2019	Marc Carriquí Alcover	Mesophyll conductance adaptation and acclimatization by anatomical adjustments

Ensuing scientific contributions:

1. **Carriquí M**, Nadal M, Clemente-Moreno MJ, Gago J, Miedes E, Flexas J (2020) Cell wall composition strongly influences mesophyll conductance in gymnosperms. *Plant Journal* <https://doi.org/10.1111/tpj.14806>

Cited by: 0

Impact index: 5.726

Ranking: Plant Sciences Q1

2. **Carriquí M**, Roig-Oliver M, Brodribb TJ, Coopman R, Gill W, Mark K, Niinemets Ü, Perera-Castro AV, Ribas-Carbó M, Sack L, Tosens T, Waite M, Flexas J (2019) Anatomical constraints to non-stomatal diffusion conductance and photosynthesis in lycophytes and bryophytes. *New Phytologist* 222, 1256-1270.

Cited by: 13 (“Highly Cited” paper, June 2020, WoS)

Impact index: 7.430

Ranking: Plant Sciences Q1

3. **Carriquí M**, Douthe C, Molins A, Flexas J (2019) Leaf anatomy does not explain apparent short-term responses of mesophyll conductance to light and CO<sub>2</sub> in tobacco. *Physiologia Plantarum* 165, 604-618.

Cited by: 15 (“Hot” paper, June 2020, WoS)

Impact index: 4.148

Ranking: Plant Sciences Q1

4. **Carriquí M**, Cabrera HM, Conesa MA, Coopman RE, Douthe C, Gago J, Gallé A, Galmés J, Ribas-Carbó M, Tomàs M, Flexas J (2015) Diffusional limitations explain the lower photosynthetic capacity of ferns as compared with angiosperms in a common garden study. *Plant, Cell and Environment* 38, 448-460.

Cited by: 49 (“Hot” paper, June 2020, WoS)

Impact index: 5.900

Ranking: Plant Sciences Q1