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- Bourgeois B., Munoz F., Fried G., Mahaut L., Armengot L., Denelle P., Storkey J., Gaba S., Violle C. (2019) What makes a weed a weed? A large-scale evaluation of arable weeds through a functional lens. *American Journal of Botany*, 106, (1), 1-11. DOI : 10.1002/ajb2.1213
- Catarino R., Gaba S., Bretagnolle V. (2019) Experimental and empirical evidence shows that reducing weed control in winter cereal fields is a viable strategy for farmers. *Scientific Reports*, 9, 9004, DOI: 0.1038/s41598-019-45315-8
- Catarino R., Bretagnolle V., Perrot T., Vialoux F., Gaba S. (2019) Bee pollination outperforms pesticides for oilseed crop production and profitability. *Proceedings of The Royal Society B*, 286, 20191550. DOI: 10.1098/rspb.2019.1550
- Dainese M., Martin E A., Aizen M., Albrecht M., Bartomeus I., Bommarco R., ... & Ghazoul J. (2019) A global synthesis reveals biodiversity-mediated benefits for crop production. *Sciences Advances*, 5, eaax0121. DOI: 10.1126/sciadv.aax0121
- Deroulers P., Bretagnolle V. (2019) The consumption pattern of 28 species of carabid beetles (Carabidae) to a weed seed, *Viola arvensis*. *Bulletin of Entomological Research*, 109 (2), 229-235. DOI: 10.1017/S0007485318000457
- Gaba S., Deroulers P., Bretagnolle F., Bretagnolle V. (2019) Lipid content drives weed seed consumption by ground beetles (Coleoptera, Carabidae) within the smallest seeds. *Weed Research*, 59 (3), 170-179. DOI: 10.1111/wre.12354
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- Mahaut L., Gaba S., Fried G. (2019) A functional diversity approach of crop sequences reveals that weed diversity and abundance show different responses to environmental variability. *Journal of Applied Ecology*, 56, 1400–140. DOI: 10.1111/1365-2664.13389
- Millon A., Danovaro C., Printemps T., Leroux A. B., Schlaich A. E., Villers A., Bourrioux J.-L., Bretagnolle V. (2019) Disentangling the effects of environmental conditions on wintering and breeding grounds on age-specific survival rates in a trans-Saharan migratory raptor. *Journal of Avian Biology*, 50(9). DOI: 10.1111/jav.02233
- Möhring N., Gaba S., Finger R. (2019) Quantity based indicators fail to identify extreme pesticide risks. *Science of the Total Environment*, 646, 503-523. DOI: 10.1016/j.scitotenv.2018.07.287

Montoya D., Haegeman B., Gaba S., De Mazancourt C., Bretagnolle V., Loreau M. (2019) Trade-offs in the provisioning and stability of ecosystem services in agroecosystems. *Ecological Applications*, 29(2), e01853. DOI: 10.1002/eap.1853.

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