

## Les publications 2016 de la ZAPYGAR

- Baup F., Villa L., Fieuza R., Ameline M. (2016) Sensitivity of X-Band ( $\sigma_0$ ,  $\gamma$ ) and Optical (NDVI) Satellite Data to Corn Biophysical Parameters. *Advances in Remote Sensing*, 5(02), 103.
- Moraine M., Grimaldi J., Murgue C., Duru M., Therond O. (2016) Co-design and assessment of cropping systems for developing crop-livestock integration at the territory level. *Agricultural Systems*, 147, 87–97. DOI :10.1016/j.agrsy.2016.06.002
- Rutschmann A, Miles DB, Clobert J, Richard M (2016) Warmer temperatures attenuate the classic offspring number and reproductive investment trade-off in the common lizard, *Zootoca vivipara*. *Biol. Letters*, 6, DOI: 10.1098/rsbl.2016.0101
- Van Halder I., Thierry I. M., Villemey A., Ouin A., Archaux F., Barbaro L., Balent G., Benot M.L. (2016) Trait-driven responses of grassland butterflies to habitat quality and matrix composition in mosaic agricultural landscapes. *Insect Conservation and Diversity*, 10, 1, 64-77  
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- Wang S., Loreau M. (2016) Biodiversity and ecosystem stability across scales in metacommunities. *Ecology Letters* 19, 510–518.
- Cauchoix M, Chaine A. (2016) How can we study the evolution of animal minds? *Front Psychol.* 7, 358
- Rutschmann A, Miles DB, Le Galliard J-F, Richard M, Moulherat S, Sinervo B, Clobert J (2016). Climate and habitat interact to shape the thermal reaction norms of breeding phenology across lizard populations. *J Anim Ecol.* 85(2), 457-66
- Arnoldi J-F., Loreau M., Haegeman B. (2016) Resilience, reactivity and variability: A mathematical comparison of ecological stability measures. *Journal of Theoretical Biology* 5, 89, 47 – 59.
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- Villemey A, W. Peterman, M. Richard, A. Ouin, I. Halder, V. Stevens, M. Baguette, P. Roche, F. Archaux. (2016) Butterfly dispersal in farmland: a replicated landscape genetics study on the meadow brown butterfly (*Maniola jurtina*). *Landscape Ecology* 31: 1629, DOI : 10.1007/s10980-016-0348-z
- Vanpé, C., Debeffe, L., Galan, M., Hewison, A.J.M., Gaillard, J-M., Gilot-Fromont, E., Morellet, N., Verheyden, H., Cosson, J.F., Cargnelutti, B., Merlet, J. & Quéméré, E. (2016) Immune gene variability influences roe deer natal dispersal. *Oikos* 125, 1790–1801. DOI: 10.1111/oik.02904
- Legrand D, Larranaga N, Bertrand R, Ducatez S, Calvez O, Stevens VM, Baguette M (2016). Evolution of a butterfly dispersal syndrome, *Proc Biol Sci.* 283, 1839.

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