

PUBLICATIONS 2017

CORRECTION 04 septembre 2018[1-226]

225 publications

1. Abbasi N. A., Arukwe A., Jaspers V. L. S., Eulaers I., Mennilo E., Ibor O. R., [Frantz A.](#), Covaci A., Malik R. N. (2017) Oxidative stress responses in relationship to persistent organic pollutant levels in feathers and blood of two predatory bird species from Pakistan. *Science of the Total Environment*, 580: 26-33
2. Abbasi N. A., Eulaers I., Jaspers V. L. B., Chaudhry M. J. I., [Frantz A.](#), Ambus P. L., Covaci A., Malik R. N. (2017) The first exposure assessment of legacy and unrestricted brominated flame retardants in predatory birds of Pakistan. *Environmental Pollution*, 220: 1208-1219
3. Abdourhamane Touré A., Tidjani A. D., [Rajot J-L.](#), [Bouet C.](#), Garba Z., Marticorena B., Ambouta K. J-M. (2017) Impacts de la variabilité spatiale de l'occupation des sols sur l'érosion éolienne et les transports de nutriments dans le terroir de Banizoumbou (sud-Ouest du Niger) *Algerian Journal of Arid Environment*, 7: 78-89. ([Cristel Bouet](#))([A. Abdourhamane Touré](#), [A. D Tidjani](#), [Z Garba](#), [K. J-M Ambouta](#) (partenaires nigériens)).
4. Aouissi H. A., [Gasparini J.](#), Belabed A. I., Bouslama Z. (2017) Impact of greenspaces in city on avian species richness and abundance in Northern Africa. *Comptes Rendus Biologies*, 340 (8): 394-400
5. [Arditi R.](#), Bersier L-F., Rohr R. P. (2017) The perfect mixing paradox and the logistic equation: Verhulst vs. Lotka: Reply. *Ecosphere*, 8 (7): e01894
6. Artacho P., Saravia J., Perret S., Bartheld J. L., [Le Galliard J. F.](#) (2017) Geographic variation and acclimation effects on thermoregulation behavior in the widespread lizard *Liolaemus pictus*. *Journal of Thermal Biology*, 63: 78-87
7. [Audusseau H.](#), Le Vaillant M., Janz N., Nylin S., Karlsson B., Schmucki R. (2017) Species range expansion constrains the ecological niches of resident butterflies. *Journal of Biogeography*, 44: 28-38
8. Auer L., Lazuka A., [Sillam-Dussès D.](#), [Miambi E.](#), O'Donohue M., Hernandez-Raquet G. (2017) Uncovering the Potential of Termite Gut Microbiome for Lignocellulose Bioconversion in Anaerobic Batch Bioreactors. *Frontiers in Microbiology*, 8: e2623
9. Auffray T., [Ferot B.](#), Poveda R., Louise C., Beaudoin-Ollivier L. (2017) Diel Patterns of Activity for Insect Pollinators of Two Oil Palm Species (Arecaceae). *Journal of Insect Science*, 17: Article 45
10. Balland-Bolou-Bi C., Turc B., Alphonse V., Bousserhine N. (2017) Impact of microbial communities from tropical soils on the mobilization of trace metals during dissolution of cinnabar ore. *Journal of Environmental Sciences*, 56: 122-130
- 11.? Baracchi D., Devaud J. M., d'Ettoire P., Giurfa M. (2017) Pheromones modulate reward responsiveness and non-associative learning in honey bees. *Scientific Reports*, 7: 9

12. Barot S., Allard V., Cantarel A., Enjalbert J., Gauffreteau A., Goldringer I., Lata J-C., Le Roux X., Niboyet A., Porcher E. (2017) Designing mixtures of varieties for multifunctional agriculture with the help of ecology. A review. *Agronomy for Sustainable Development*, 37: Article Number: 13
13. Barot S., Yé L., Abbadie L., Blouin M., Frascaria N. (2017) Ecosystem services must tackle anthropized ecosystems and ecological engineering. *Ecological Engineering*, 99: 486-495 ([Sébastien Barot, sud](#))
14. Basbouss-Serhal I., Pateyron S., Cochet F., Leymarie J., Bailly C. (2017) 5 ' to 3 ' mRNA Decay Contributes to the Regulation of Arabidopsis Seed Germination by Dormancy. *Plant Physiology*, 173 (3): 1709-1723
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17. Bergametti G., Marticorena B., Rajot J. L., Chatenet B., Féron A., Gaimoz C., Siour G., Coulibaly M., Koné I., Maman A., Zakou A. (2017) Dust Uplift Potential in the Central Sahel: An Analysis Based on 10 years of Meteorological Measurements at High Temporal Resolution. *Journal of Geophysical Research: Atmospheres*, 122 (22): 12433-12448
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23. Bouet C., Taieb Labjadh M., Rajot J-L., Bergametti G., Marticorena B., Sekrafi S., Ltifi M., Feron A., Henry des Tureaux T., H. K. (2017) What is the impact of mineral dust on air quality in southern Tunisia? Analysis of 2 years of PM10 concentration and mereorology monitoring. In: Editor (ed.)^(eds.) Book What is the impact of mineral dust on air quality in southern Tunisia? Analysis of 2 years of PM10 concentration and mereorology monitoring, vol. 3. Environmental

and health assessment, Berlin : Springer, City, pp. 37-45. [2nd ICIEM 2016, International Conference](#)

24. Boulay R., Aron S., Cerda X., Doums C., Graham P., Hefetz A., [Monnin T.](#) (2017) Social Life in Arid Environments: The Case Study of Cataglyphis Ants. In: Berenbaum, M. R. (ed.) Annual Review of Entomology, Vol 62, vol. 62, pp. 305-321
25. Bourguignon T., Lo N., Sobotnik J., Ho S. Y. W., Iqbal N., Coissac E., Lee M., Jendryka M. M., [Sillam-Dussès D.](#), Krizkova B., Roisin Y., Evans T. A. (2017) Mitochondrial Phylogenomics Resolves the Global Spread of Higher Termites, Ecosystem Engineers of the Tropics. Molecular Biology and Evolution, 34: 589-597
26. [Bozzolan F.](#), Durand N., [Demondion E.](#), [Bourgeois T.](#), Gassias E., [Debernard S.](#) (2017) Evidence for a role of oestrogen receptor-related receptor in the regulation of male sexual behaviour in the moth *Agrotis ipsilon*. Insect Molecular Biology, 26 (4): 403-413
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29. Cacas J-L., Gerbeau-Pissot P., Fromentin J., Cantrel C., Thomas D., Jeannette E., [Kalachova T.](#), Mongrand S., Simon-Plas F., [Ruelland E.](#) (2017) Diacylglycerol kinases activate tobacco NADPH oxidase-dependent oxidative burst in response to cryptogein. Plant, Cell & Environment, 40 (4): 585-598
30. Cattaneo A. M., Gonzalez F., Bengtsson J. M., Corey E. A., [Jacquin-Joly E.](#), [Montagne N.](#), Salvagnin U., Walker W. B., Witzgall P., Anfora G., Bobkov Y. V. (2017) Candidate pheromone receptors of codling moth *Cydia pomonella* respond to pheromones and kairomones. Scientific Reports, 7: Article Number: 41105
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34. [Chatelain M.](#), Pessato A., [Frantz A.](#), [Gasparini J.](#), Leclaire S. (2017) Do trace metals influence visual signals? Effects of trace metals on iridescent and melanic feather colouration in the feral pigeon. *Oikos*, 126(11): 542-1553. [article rajouté confirmé par Adrien Frantz \(mèl 20 août 2018\)](#)

35. Cheng T. C., Wu J. Q., Wu Y. Q., Chilukuri R. V., Huang L. H., Yamamoto K., Feng L., Li W. S., Chen Z. W., Guo H. Z., Liu J. Q., Li S. L., Wang X. X., Peng L., Liu D. L., Guo Y. B., Fu B. H., Li Z. Q., Liu C., Chen Y. H., Tomar A., Hilliou F., Montagne N., Jacquin-Joly E., d'Alencon E., Seth R. K., Bhatnagar R. K., Jouraku A., Shiotsuki T., Kadono-Okuda K., Promboon A., Smagghe G., Arunkumar K. P., Kishino H., Goldsmith M. R., Feng Q. L., Xia Q. Y., Mita K. (2017) Genomic adaptation to polyphagy and insecticides in a major East Asian noctuid pest. *Nature Ecology & Evolution*, 1 (11): 1747-1756
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39. Conchou L., Peter A., Birgersson G. (2017) Host Plant Species Differentiation in a Polyphagous Moth: Olfaction is Enough. *Journal of Chemical Ecology*, 43: 794–805
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