

Publications ou communications réalisées avec d'autres Zones Ateliers.
Publications ou communications réunissant plusieurs laboratoires et disciplines de la ZAM.

2014-Publications dans une revue internationale avec comité de lecture

1. ARROUA B., BELLANGER X., GUILLOTEAU H., MATHIEU L., MERLIN C. (2014) Atypical stress response to temperature and NaOCl exposure leading to septation defect during cell division in *Cupriavidus metallidurans* CH34. **FEMS Microbiol. Letters**, 353: 33–39.
2. AVELLA A-C., CHAPPE P., GUINOT-THOMA P., DE DONATO PH. GORNER T. (2014) Fungal treatment and the settleability of the paper mill sludge. **Environmental Engineering Science**, 31:18-23.
3. BELLANGER X, GUILLOTEAU H, BONOT S, MERLIN C. (2014) Demonstrating plasmid-based horizontal gene transfer in complex environmental matrices: A practical approach for a critical review. **Sci Total Environ.**, 493:872-882.
4. BELLANGER X., GUILLOTEAU H., BREUIL B., MERLIN C. (2014) Natural microbial communities supporting the transfer of the IncP-1 β plasmid pB10 exhibit a higher initial content of plasmids from the same incompatibility group. **Front. Microbiol.**, 5 : 637.
5. BEMRAH N., JEAN J., RIVIERE G., SANAA M., LECONTE S., BACHELOT M., DECEUNINCK Y., BIZEK B., DAUCHY X., ROUDOT A.C., CAMEL V., GROB K., FEIDT C., PICARD-HAGEN N., BADOT P.M., FOURES F., LEBLANC J.C. (2014) Assessment of dietary exposure to bisphenol A in the French population with a special focus on risk characterisation for pregnant French women. **Food and Chemical Toxicology**, 72: 90-97.
6. CLIVOT H., CHARMASSON F., FELTEN V., BOUDOT J-P., GUÉROLD F., DANGER M. (2014) Interactive effects of aluminium and phosphorus on microbial leaf litter processing in acidified streams: A microcosm approach. **Environmental Pollution**, 186: 67-74
7. CLIVOT H., CORNUT J., CHAUVET E., ELGER A., POUPIN P., GUÉROLD F., PAGNOUT C. (2014) Leaf-associated fungal diversity in acidified streams: insights from combining traditional and molecular approaches. **Environmental Microbiology**, 16: 2145-2156.
8. COLIN A., BACH C., ROSIN C., MUNOZ J.F., DAUCHY X. (2014) Is Drinking Water a Major Route of Human Exposure to Alkylphenol and Bisphenol Contaminants in France? **Archives of Environmental Contamination and Toxicology**, 66: 86-99.
9. DEVIN S, GIAMBÉRINI L, PAIN-DEVIN S. (2014) Variation in Variance means more than Mean Variations: What does variability tell us about population health status? **Environment International**, 73: 282-287.
10. DEVIN S., BURGEOT T., GIAMBÉRINI L., MINGUEZ L., PAIN-DEVIN S. (2014). The integrated biomarker response revisited: optimization to avoid misuse. **Environ Sci Pollut Res**, 21: 2448-2454.
11. GAILLARD J., BANAS D., THOMAS M., FOURNIER A., FEIDT C. (2014) Bioavailability and bioaccumulation of sediment-bound PCBs to carp. **Environmental Toxicology and Chemistry**, 33: 1324-1330.
12. HAMAN C., DAUCHY X., ROSIN C., MUNOZ J.F. (2014). Occurrence, fate and behavior of parabens in aquatic environments: A review. **Water Research** 68: 1-11.
13. MONTARGES-PELLETIER E., DURIEZ C, GHANBAJA J., KHOLER A., MOUTON L., FALKENBERG G., JEANNEAU L., MICHOT L.J. (2014) Micro-scale investigations of the fate of heavy metals associated to iron-bearing colloids in a highly polluted stream. **Environmental Science and Pollution Research**, 21: 2744-2760.
14. PAIN-DEVIN S, COSSU-LEGUILLE C, GEFFARD A, GIAMBÉRINI L, JOUENNE T, MINGUEZ L, NAUDIN B, PARANT M, RODIUS F, ROUSSELLE P, TARNOWSKA K, DAGUIN-THIÉBAUD C, VIARD F, DEVIN S. (2014) Towards a better understanding of biomarker response in field populations: a case study in eight populations of zebra mussels. **Aquatic Toxicology**, 155: 52-61.
15. PASQUINI L., MUNOZ J.F., PONS M.N., YVON J., DAUCHY X., FRANCE X., LE N. D., FRANCE-LANORD C., GORNER T. (2014) Occurrence of eight household micropollutants in urban wastewater and their fate in a wastewater treatment plant. Statistical evaluation. **Science of the Total Environment**, 481: 459-468.

16. VALLÉE R., DOUSSET S., BILLET D., BENOIT M. (2014) Sorption of selected pesticides on soils, sediment and straw from a constructed agricultural drainage ditch or pond. *Environmental Science And Pollution Research*, 21: 4895-4905.

2014-Chapitres d'ouvrage ou ouvrages de recherche reconnus internationalement

1. POTIER O., LOUVET J.-N., MERLIN C., PONS M.-N., DUMAS D., AND GOLDSTEIN W.E. (2014) Effect of Antibiotics on Biological Wastewater Treatment Processes. Dans « Pharmaceutical Accumulation in the Environment: Prevention, Control, Health Effects, and Economic Impact » (Goldstein W.E., Ed). CRC Press, Taylor & Francis Group, New York, USA. pp 117-154
2. FELTEN V., TIXIER G., GUEROLD F. (2013) Chapter 1: Acid Rain Ecotoxicity. In: FERARD J.-F. & C. BLAISE (eds), Encyclopedia of aquatic ecotoxicology, Springer Publishers, Dordrecht, The Netherlands, pp. 1-14.