

2018 – 14 publications

1. ARCE-FUNCK, J., CRENIER, C., DANGER, M., BILLOIR, E., USSEGLIO-POLATERA, P., FELTEN, V. (2018) High stoichiometric food quality increases moulting organism vulnerability to pollutant impacts: An experimental test with *Gammarus fossarum* (Crustacea: Amphipoda). *Science of The Total Environment*, 645: 1484-1495.
2. ATINKPAHOUN C.N.H., N.D. LE, S. PONTVIANNE, H. POIROT, J.P. LECLERC, M.N. PONS, H.H. SOCLO (2018) Population mobility and urban wastewater dynamics, *Science of the Total Environment*, 622-623 : 1431-1437
3. DE LA CRUZ BARRÓN M., C. MERLIN, H. GUILLOTEAU, E. MONTARGÈS-PELLETIER, X. BELLANGER (2018) Suspended materials in river waters differentially enrich class 1 integron- and IncP-1 plasmid-carrying bacteria in sediments. *Frontiers in Microbiology*. 9 :1443
4. DATRY, T., FOULQUIER, A., CORTI, R., VON SCHILLER, D., TOCKNER, K., MENOZA-LERA, C., CLEMENT, J.C., GESSNER, M., MOLEON, M., STUBBINGTON, R., GÜCKER, B., ALBARIÑO, R., ALLEN, D., ALTERMATT, F., ARCE, M., BANAS, D., BANEGAS-MEDINA, A., BELLER, E., BLANCHETTE, M., BLANCO-LIBREROS, J., BLESSING, J., BOECHAT, I., BOERSMA, K., BOGAN, M., BONADA, N., BOND, N., BRINTRUP, K., BRUDER, A., BURROWS, R., CANCELLARIO, T., CANHOTO, C., CARLSON, S., CAUVY-FRAUNIÉ, S., CID, N., DANGER, M., TERRA, B., DE GIROLAMO, A.M., DE LA BARRA, E., DEL CAMPO, R., DIAZ-VILLANUEVA, V., DYER, F., FAYE, E., ELOSEGI, A., FEBRIA, C., FOUR, B., GAFNY, S., GHATE, S., GOMEZ, R., GÓMEZ-GENER, L., GRAÇA, M., GUARESHI, S., HOPPELER, F., HWAN, J., JONES, I., KUBHEKA, S., LAINI, A., LANGHANS, A., LEIGH, C., LITTLE, C., LORENZ, S., MARSHALL, J., MARTIN, E., MCINTOSH, A., MEYER, E., MILIŠA, M., MLAMBO, M., MORAIS, M., MOYA, N., NEGUS, P., NIYOGI, D., PAPTHEODOULOU, A., PARDO, I., PARIL, P., PAULS, S., PEŠIĆ, V., POLÁŠEK, M., ROBINSON, C.T., RODRÍGUEZ-LOZANO, P., ROLLS, R., SÁNCHEZ-MONTOYA, M., SAVI?, A., SHUMILOVA, O., SRIDHAR, K., STEWARD, A., STOREY, R., TALEB, A., UZAN, A., VANDER VORSTE, R., WALTHAM, N., WALTHAM, N., WOELFLE-ERSKINE, C., ZAK, D., ZARFL, C., ZOPPINI, A. (2018) A GLOBAL ANALYSIS OF TERRESTRIAL PLANT LITTER DYNAMICS IN NON-PERENNIAL WATERWAYS. *Nature Geoscience*, 1 : 1-10
5. DJUKIC I., S. KEPFER-ROJAS, I. KAPPEL SCHMIDT, K. STEENBERG LARSEN, C. BEIER, K. VERHEYEN, TEACOMPOSITION (2018) Early stage litter decomposition across biomes. *Science of the Total Environment* 628-629: 1369-1394.
6. KOEHLE-DIVO V., COSSU-LEGUILLE C., PAIN-DEVIN S., SIMONIN C., BERTRAND C., SOHM B., MOUNEYRAC C., DEVIN S., GIAMBÉRINI L. (2018) Genotoxic and physiological effects of nCeO₂ on a freshwater bivalve (*Corbicula fluminea*). *Aquatic Toxicology* 198: 141-148.
7. MAUNOURY-DANGER F., FELTEN V., BOJIC C., FRAYSSE F., COSIN MC., DEDOURGE-GEFFARD O., GEFFARD A., GUÉROLD F., DANGER M. (2018) Metal release from contaminated leaf litter and leachate toxicity for the freshwater crustacean *Gammarus fossarum*. *Environmental Science and Pollution Research International*, 25 :11281–11294.
8. MOUSSET E., S. PONTVIANNE, M.N. PONS (2018) Fate of inorganic nitrogen species under homogeneous Fenton combined with electro-oxidation/reduction treatments in synthetic solutions and reclaimed municipal wastewater, *Chemosphere*, 201: 6-12
9. PARANT M., PERRAT E., WAGNER P., ROSIN C., PY J.S., COSSU-LEGUILLE C. (2018). Variations of anthropogenic gadolinium in rivers close to waste water treatment plant discharges. *Environmental Science and Pollution Research*, 25: 36207–36222
10. POTET M., GIAMBÉRINI L., PAIN-DEVIN S., LOUIS F., BERTRAND C., DEVIN S. (2018) Survival of the fittest: nickel tolerance until dreissenid collapse. *Scientific Reports* 8 (1), 700.
11. POTET M., GIAMBÉRINI L., PAIN-DEVIN S., CATTEAU A., PAULY D., DEVIN S. (2018) Impact of multiple stressors on biomarker responses in sympatric dreissenid populations. *Aquatic Toxicology* 203:140-149.

12. ROLLIN M, COULAUD R, DANGER M, SOHM B, FLAYAC J, CHAUMOT A, GEFFARD O, FELTEN V. (2018) Additive effect of calcium depletion and low resource quality on *Gammarus fossarum* (Crustacea, Amphipoda) life history traits. *Environmental Science and Pollution Research*. 25: 11264-11280.
13. ROSIN C., J.S. PY, N. RIMLINGER, C. PALLEZ, A. COLIN, G. VO VAN-REGNAULT, J.F. MUNOZ (2018) État de la contamination des eaux de consommation humaine : présentation d'une approche globale, *Environnement, Risques et Santé*, 17, S1 : 17-21.
14. SEDJI M.I., M. VARBANOV, M. MEO, M. COLIN, L. MATHIEU, I. BERTRAND, I. (2018) Quantification of human adenovirus and norovirus in river water in the north-east of France. *Environmental Science and Pollution Research*, 25: 30497-30507.