

## Les publications 2018 de la ZAM

- Atinkpahoun C.N.H., Le, N.D., Pontvianne S., Poirot H., Leclerc J.P., Pons M.N., Soclo H.H. (2018) Population mobility and urban wastewater dynamics, *Science of the Total Environment*, 622-623, 1431-1437. DOI : 10.1016/j.scitotenv.2017.12.087
- Potet M., Giamberini 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, DOI: 10.1038/s41598-018-19228-x
- 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 nCeO<sub>2</sub> on a freshwater bivalve (*Corbicula fluminea*). *Aquatic Toxicology*, 198, 141-148. DOI : 10.1016/j.aquatox.2018.02.020
- 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. DOI : 10.1016/j.aquatox.2018.08.007
- Sedji, M. I., Varbanov, M., Meo, M., Colin, M., Mathieu, L., Bertrand, I. (2018). Quantification of human adenovirus and norovirus in river water in the north-east of France. *Environmental Science and Pollution Research*, 25(30), 30497-30507. DOI : 10.1007/s11356-018-3045-4
- De la Cruz Barrón M., Merlin C., Guilloteau H., Montargès-Pelletier E., Xavier Bellanger X. (2018) Suspended materials in river waters differentially enrich class 1 integron- and IncP-1 plasmid-carrying bacteria in sediments. *Front. Microbiol.* 9 :1443. DOI : 10.3389/fmicb.2018.01443
- Rosin C., Py J.S., Rimlinger N., Pallez C., Colin A., Vo Van-Régnault G., Munoz J.F. (2018). État de la contamination des eaux de consommation humaine : présentation d'une approche globale, *Environnement, Risques et Santé*, 17, S1, 17-21. DOI : 10.1684/ers.2017.1069
- 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(36):36207-36222. DOI : 10.1007/s11356-018-3489-6
- Gaullier C, Dousset S, Billet D, Baran N. Is pesticide sorption by constructed wetland sediments governed by water level and water dynamics ? *Environmental Science and Pollution* 25, 14324-14335. DOI : 10.1007/s11356-017-9123-1
- Djukic I. et al. Early stage litter decomposition across biomes. *Science of the Total Environment* 628-629, 1369-1394. DOI : 10.1016/j.scitotenv.2018.01.012
- Maunoury-Danger F., Felten V., Bojic C., Fraysse F., Cosin-Ponce M., Dedourge-Geffard O., Geffard A., Guérolde F., Danger M. (2018) Metal release from contaminated leaf litter and leachates toxicity for the freshwater crustacean *Gammarus fossarum*. *Environmental Science and Pollution Research*. 25 (12), 11281-11294. DOI : 10.1007/s11356-017-9452-0
- 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 (12), 11264-11280. DOI : 10.1007/s11356-017-9390-x

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. DOI : [10.1016/j.scitotenv.2018.07.227](https://doi.org/10.1016/j.scitotenv.2018.07.227)

Gross E.M., Nuttens A., Paroshin D., Hussner A. (2018) Sensitive response of sediment-grown *Myriophyllum spicatum* L. to arsenic pollution under different CO<sub>2</sub> availability. *Hydrobiologia* 812, 131-145. DOI : [10.1007/s10750-016-2956-7](https://doi.org/10.1007/s10750-016-2956-7)

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., Papatheodoulou, A., Pardo, I., Paril, P., Pauls, S., Peši?, 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*, 11, 497–503. DOI : [10.1038/s41561-018-0134-4](https://doi.org/10.1038/s41561-018-0134-4)

Techer, D., Banas, D. (2018) Contrasted effects of an anti-cyanobacterial ultrasound device on the non-target freshwater invertebrate species *Gammarus roeseli*. *Environmental Science and Pollution Research*, 25 (2), 1998-2004. DOI : [10.1007/s11356-017-0980-4](https://doi.org/10.1007/s11356-017-0980-4)