

References

2020

Jozee Sarrazin, Marie Portail, Erwann Legrand, Cécile Cathalot, Agathe Laes, Noé Lahaye, Pierre-Marie Sarradin, Bérengère Husson, (accepted, DSR I), Endogenous versus exogenous factors: what matters for vent mussel communities?

Waeles, M., Chavagnac, V., Cotte, L., Laes, A., Riso, R., Sarradin, P-M., Pelleter, E., Dulaquais, G., Cathalot, C. (2020). Metal partitioning after in-situ filtration at deep-sea vents of the Lucky Strike hydrothermal field (EMSO-Açores, Mid-Atlantic Ridge, 37°N), DSR I, 157, <https://doi.org/10.1016/j.dsr.2019.103204>

Daniel, A., Laës-Huon, A., Barus, C., Beaton, A. D., Blandfort, D., Guigues, N., Knockaert, M., Muraron, D., Salter, I., Woodward, M.E.S., Greenwood, N., Achterberg, E.P. (2020) Towards a harmonization for using in situ nutrient sensors in the marine environment, Marine Science Frontiers, <https://doi.org/10.3389/fmars.2019.00773>

2019

Grand, M. M., Laes, A., Fietz, S., Resing, J. A., Obata, H., Luther, G. W., Tagliabue, A., Achterberg, E. P., Middag, R., Tovar-Sánchez, A., Bowie, A. R. (2019). Developing Autonomous Observing Systems for Micronutrient Trace Metals. *Frontiers in Marine Science*, 6(35), 17p. <https://doi.org/10.3389/fmars.2019.00035>

2018

Cotte, L., Omanovic, D., Waeles, M., Laes, A., Cathalot, C., Sarradin, P-M., Riso, R. D. (2018). On the nature of dissolved copper ligands in the early buoyant plume of hydrothermal vents. *Environmental Chemistry*, 15(1-2), 58-73. <https://doi.org/10.1071/EN17150>

Chavagnac, V., Ali Hassan, S., Jeandel, C., Leleu, T., Destrigneville, C., Castillo, A., Cotte, L., Waeles, M., Cathalot, C., Laes, A., Pelleter, E., Nonnotte, P., Sarradin, P-M., Cannat, M. (2018). Sulfate minerals control dissolved rare earth element flux and Nd isotope signature of buoyant hydrothermal plume (EMSO-Azores, 37°N Mid-Atlantic Ridge). *Chemical Geology*, 499, 111-125. <https://doi.org/10.1016/j.chemgeo.2018.09.021>

2017

Cuvelier, D., Legendre, P., Laës-Huon, A., Sarradin, P.M., Sarrazin, J., (2017). Biological and environmental rhythms in (dark) deep-sea hydrothermal ecosystems. *Biogeosciences* 14, 2955–2977. <https://doi:10.5194/bg-14-2955-2017>

Waeles, M., Cotte, L., Pernet-Coudrier, B., Chavagnac, V., Cathalot, C., Leleu, T., Laës-Huon, A., Perhirin, A., Riso, R.D., Sarradin, P.M. (2017). On the early fate of hydrothermal iron at deep-sea vents: A reassessment after in situ filtration. *Geophys. Res. Lett.* 44, 4233–4240. <https://doi:10.1002/2017GL073315>

2016

Bucas, K., Laës-Huon, A., Repecaud, M., 2016. Les faces cachées des analyseurs chimiques in situ, in: Mesures À Haute Résolution Dans L'environnement Marin Cotier. , Edition: CNRS Alpha, Publisher: CNRS, Editors: F. G. Schmitt, A. Lefebvre, pp.41-49.

Laes-Huon, A., Cathalot, C., Legrand, J., Tanguy, V., Sarradin, P.M., 2016. Long-Term in situ survey of reactive iron concentrations at the Emso-Azores observatory. IEEE J. Ocean. Eng. 41, 744–752. <https://doi:10.1109/JOE.2016.2552779>

2014

Cuvelier, D., Legendre, P., Laës, A., Sarradin, P.M., Sarrazin, J., 2014. Rhythms and community dynamics of a hydrothermal tubeworm assemblage at main endeavour field - A multidisciplinary deep-sea observatory approach. PLoS One 9.

2009

Répécaud, M., Dégrés, Y., Bernard, N., Allenou, J.P., Aoustin, Y., Arrondeau, J.P., Bouget, J.F., Bucas, K., Daniel, A., Guillaud, J.F., Hamon, M., Jégou, P., Laës, A., Le Roux, D., Le Piver, D., Quemener, L., Rolin, J.F., Rudelle, T., Legrand, J., Vuillemin, R., 2009. New instruments to monitor coastal sea water masses according to European Water Framework Directive, Trophimatique project, in: OCEANS '09 IEEE Bremen: Balancing Technology with Future Needs.

Vuillemin, R., Le Roux, D., Dorval, P., Bucas, K., Sudreau, J.-P., Hamon, M., Le Gall, C., Sarradin, P.-M., 2009. CHEMINI: A new in situ CHEMical MINIaturized analyzer. Deep. Res. Part I Oceanogr. Res. Pap. 56, 1391–1399.

<https://doi:10.1016/j.dsr.2009.02.002>