

List of Publications

- [1] **M. Renaud**, P.M. da Silva, T. Natal-da-Luz, S.D. Siciliano, J.P. Sousa, Community effect concentrations as a new concept to easily incorporate community data in environmental effect assessment of complex metal mixtures, *J. Hazard. Mater.* 411 (2021). doi:10.1016/j.jhazmat.2021.125088.
- [2] **M. Renaud**, M. Cousins, K.F. Awuah, O. Jegede, J.P. Sousa, S.D. Siciliano, The effects of complex metal oxide mixtures on three soil invertebrates with contrasting biological traits, *Sci. Total Environ.* 738 (2020) 139921. doi:10.1016/j.scitotenv.2020.139921.
- [3] **M. Renaud**, J.P. Sousa, S.D. Siciliano, A Dynamic Shift in Soil Metal Risk Assessment, It is Time to Shift from Toxicokinetics to Toxicodynamics, *Environ. Toxicol. Chem.* 00 (2020) 1–2. doi:10.1002/etc.4735.
- [4] **M. Renaud**, M. Cousins, K.F. Awuah, O. Jegede, B. Hale, J.P. Sousa, S.D. Siciliano, Metal oxides and annealed metals as alternatives to metal salts for fixed-ratio metal mixture ecotoxicity tests in soil, *PLoS One.* 15 (2020) e0229794. doi:10.1371/journal.pone.0229794.
- [5] O.O. Jegede, K.F. Awuah, **M.J. Renaud**, M. Cousins, B.A. Hale, S.D. Siciliano, Single metal and metal mixture toxicity of five metals to *Opbia nitens* in five different Canadian soils, *J. Hazard. Mater.* 392 (2020) 122341. doi:10.1016/j.jhazmat.2020.122341.
- [6] G.G. Rieff, T. Natal-da-Luz, **M. Renaud**, H.M.V.S. Azevedo-Pereira, F. Chichorro, R.M. Schmelz, E.L.S. de Sá, J.P. Sousa, Impact of no-tillage versus conventional maize plantation on soil mesofauna with and without the use of a lambda-cyhalothrin based insecticide: A terrestrial model ecosystem experiment, *Appl. Soil Ecol.* 147 (2020) 103381. doi:10.1016/j.apsoil.2019.103381.
- [7] K.F. Awuah, M. Cousins, **M. Renaud**, O. Jegede, B. Hale, S.D. Siciliano, Toxicity assessment of metal mixtures to soil enzymes is influenced by metal dosing method, *Chemosphere.* 232 (2019) 366–376. doi:10.1016/j.chemosphere.2019.05.213.
- [8] **M. Renaud**, S. Chelinho, P. Alvarenga, C. Mourinha, P. Palma, J.P. Sousa, T. Natal-da-Luz, Exploring the Use of Species Sensitivity Distributions to Define Protective Limits for the Use of Organic Wastes as Soil Amendments, *Environ. Toxicol. Chem.* 00 (2019) etc.4442. doi:10.1002/etc.4442.

- [9] T. Simões, S.C. Novais, T. Natal-da-Luz, **M. Renaud**, S. Leston, F. Ramos, J. Römbke, D. Roelofs, N.M. van Straalen, J.P. Sousa, M.F.L. Lemos, From laboratory to the field: Validating molecular markers of effect in *Folsomia candida* exposed to a fungicide-based formulation, *Environ. Int.* 127 (2019) 522–530. doi:10.1016/j.envint.2019.03.073.
- [10] **M. Renaud**, T. Akeju, T. Natal-da-Luz, S. Leston, J. Rosa, F. Ramos, J.P. Sousa, H.M.V.S. Azevedo-Pereira, Effects of the neonicotinoids acetamiprid and thiacloprid in their commercial formulations on soil fauna, *Chemosphere.* 194 (2018) 85–93. doi:10.1016/j.chemosphere.2017.11.102.
- [11] P. Alvarenga, P. Palma, C. Mourinha, M. Farto, J. Dôres, M. Patanita, C. Cunha-Queda, T. Natal-da-Luz, **M. Renaud**, J.P. Sousa, Recycling organic wastes to agricultural land as a way to improve its quality: A field study to evaluate benefits and risks, *Waste Manag.* 61 (2017) 582–592. doi:10.1016/j.wasman.2017.01.004.
- [12] **M. Renaud**, S. Chelinho, P. Alvarenga, C. Mourinha, P. Palma, J.P. Sousa, T. Natal-da-Luz, Organic wastes as soil amendments – Effects assessment towards soil invertebrates, *J. Hazard. Mater.* 330 (2017) 149–156. doi:10.1016/j.jhazmat.2017.01.052.