

Anja Miltner, publications since 1990

peer reviewed journals

Abu Quba AA, Goebel M-O, Karagulyan M, **Miltner A**, Kästner M, Bachmann J, Schaumann GE, Diehl D (2023): Changes in cell surface properties of *Pseudomonas fluorescens* by adaptation to NaCl induced hypertonic stress. FEMS Microbes, in press.

Jing Y, **Miltner A**, Eggen T, Kästner M, Nowak KM (2022): Microcosm test for pesticide fate assessment in planted water filters: ¹³C, ¹⁵N-labeled glyphosate as an example. Water Research 226: 119211.

Karagulyan M, Goebel M-O, Diehl D, Abu Quba AA, Kästner M, Bachmann J, Wick LY, **Miltner A** (2022): Water stress-driven changes in bacterial cell surface properties. Applied and Environmental Microbiology, in press, e00732-22.

Muskus AM, **Miltner A**, Hamer U, Nowak KM (2022): Microbial community composition and glyphosate degraders of two soils under the influence of temperature, total organic carbon and pH. Environmental Pollution 297: 118790.

Butkovskiy A, Jing Y, Bergheim H, Lazar D, Gulyaeva K, Odenmarck SR, Norli HR, Nowak KM, **Miltner A**, Kästner M, Eggen T (2021): Retention and distribution of pesticides in planted filter microcosms designed for treatment of agricultural surface runoff. The Science of the Total Environment 778: 146114.

Jing Y, Krauss M, Zschieschang S, **Miltner A**, Butkovskiy A, Eggen T, Kästner M, Nowak KM (2021): Superabsorbent polymer as a supplement substrate of constructed wetland to retain pesticides from agricultural runoff. Water Research 207: 117776.

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Zheng T, **Miltner A**, Liang C, Nowak KM, Kästner M (2020): Turnover of gram-negative bacterial biomass-derived carbon through the microbial food web of agricultural soil. Soil Biology and Biochemistry 152: 108070.

Muskus AM, Krauss M, **Miltner A**, Hamer U, Nowak KM (2020): Degradation of glyphosate in a Colombian soil is influenced by temperature, total organic carbon content and pH. *Environmental Pollution* 259: 113767.

Muskus AM, Krauss M, **Miltner A**, Hamer U, Nowak KM (2019): Effect of temperature, pH and total organic carbon variations on microbial turnover of $^{13}\text{C}_3^{15}\text{N}$ -glyphosate in agricultural soil. *Science of the Total Environment* 658: 697-707.

Nowak KM, Telscher M, Seidel E, **Miltner A** (2018): Unraveling microbial turnover and non-extractable residues of bromoxynil in soil microcosms with ^{13}C -isotope probing. *Environmental Pollution* 242: 769-777.

König S, Worrich A, Banitz T, Centler F, Harms H, Kästner M, **Miltner A**, Wick LY, Thullner M, Frank K (2018): Spatiotemporal disturbance characteristics determine functional stability and collapse risk of simulated microbial ecosystems. *Scientific Reports* 8: 9488.

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