

List of Publications

Lukas Thielemann

Journal articles (peer reviewed)

- Wang, C., **Thielemann, L.**, Dippold, M.A., Guggenberger, G., Kuzyakov, Y., Banfield, C.C., Ge, T., Guenther, S., Dorodnikov, D., 2023: "*Reductive dissolution of iron phosphate modifies rice root morphology in phosphorus-deficient paddy soils*", Soil Biology and Biochemistry, Volume 177, 108904, ISSN 0038-0717, <https://doi.org/10.1016/j.soilbio.2022.108904>.
- Wang, C., **Thielemann, L.**, Dippold, M.A., Guggenberger, G., Kuzyakov, Y., Banfield, C.C., Ge, T., Guenther, S., Bork, B., Horn, M.A., Dorodnikov, D., 2022: "*Can the reductive dissolution of ferric iron in paddy soils compensate phosphorus limitation of rice plants and microorganisms?*", Soil Biology and Biochemistry, Volume 168, 108653, ISSN 0038-0717, <https://doi.org/10.1016/j.soilbio.2022.108653>.
- Wang, C., **Thielemann, L.**, Dippold, M.A., Guggenberger, G., Kuzyakov, Y., Banfield, C.C., Ge, T., Guenther, S., Bork, B., Horn, M.A., Dorodnikov, D., 2022: "*Microbial iron reduction compensates for phosphorus limitation in paddy soils*", Science of The Total Environment, Volume 837, 155810, ISSN 0048-9697, <https://doi.org/10.1016/j.scitotenv.2022.155810>.
- Thielemann, L.**, Gerjets, R., Dyckmans, J., 2019: "*Effects of soil-bound water exchange on the recovery of spike water by cryogenic water extraction*", Rapid Commun. Mass Spectrom., 33 (5), pp. 405-410, 10.1002/rcm.8348