
6. Co-authorships

The contribution to the following publications ranged from setting up the experimental design, to sampling and analysis of the sample materials, as well as writing parts of the manuscript and subsequent proof-reading.

Wagner, A.O., Malin, C., **Lins, P.** & Illmer, P. (2011). Effects of various fatty acid amendments on a microbial digester community in batch culture. *Waste Management* 31:431-437.

Schwarzenauer, T., **Lins, P.**, Reitschuler, C. & Illmer, P. (2012). The use of FAME analyses to discriminate between different strains of *Geotrichum klebahnii* with different viabilities. *World Journal of Microbiology and Biotechnology* 28:755-759.

Wagner, A.O., Hohlbrugger, P., **Lins, P.** & Illmer, P. (2012). Effects of different nitrogen sources on the biogas production – A lab-scale investigation. *Microbiological Research* 167:630-636.

Wagner, A.O., **Lins, P.** & Illmer, P. (2012). A simple method for the enumeration of methanogens by most probable number counting. *Biomass and Bioenergy* 45:311-314.

Reitschuler, C., Schwarzenauer, T., **Lins, P.**, Wagner, A.O., Spötl, C. & Illmer, P. (2012). Microbiology of Moonmilk (Zur Mikrobiologie von Bergmilch). *The Cave (Die Höhle)* 63:3-17.

Wagner, A.O., **Lins, P.**, Malin, C. Reitschuler, C. & Illmer, P. (2013). Impact of protein-, lipid- and cellulose-containing complex substrates on biogas production and microbial communities in batch experiments. *Science of the Total Environment* 458-460:256-266.

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Reitschuler, C., **Lins, P.**, Wagner, A.O. & Illmer, P. (2014). Cultivation of moonmilk-born non-extremophilic Thaum- and Euryarchaeota in mixed culture. *Anaerobe* 29:73-79.

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- Reitschuler, C., **Lins, P.**, Schwarzenauer, T., Spötl, C., Wagner, A.O. & Illmer, P. (2015). New undescribed lineages of non-extremophilic archaea form a homogeneous and dominant element within alpine moonmilk microbiomes. *Geomicrobiology Journal*, DOI: 10.1080/01490451.2015.1025317.