

Differential mobility spectrometry classification of bacteria

Formation and use of biogenic jarosite carrier for high-rate iron oxidising biofilms

Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres

Estimating RNA numbers in single cells by RNA fluorescent tagging and flow cytometry

Similar temperature sensitivity of soil mineral-associated organic carbon regardless of age

Vertical stratification of bacteria and archaea in sediments of a small boreal humic lake

Archaea are prominent members of the prokaryotic communities colonizing common forest mushrooms

Crawling-induced floor dust resuspension affects the microbiota of the infant breathing zone

Microbiological, chemical and sensory spoilage analysis of raw Atlantic cod (*Gadus morhua*) stored under modified atmospheres

Resistant ammonia-oxidizing archaea endure, but adapting ammonia-oxidizing bacteria thrive in boreal lake sediments receiving nutrient-rich effluents

Twin-layer biosensor for real-time monitoring of alkane metabolism

Echovirus 1 internalization negatively regulates epidermal growth factor receptor downregulation

Bioluminescence-based system for rapid detection of natural transformation

Robustness of the process of nucleoid exclusion of protein aggregates in *Escherichia coli*

Changes in global gene expression of *Vibrio parahaemolyticus* induced by cold- and heat-stress

Bioluminescent whole-cell reporter gene assays as screening tools in the identification of antimicrobial natural product extracts

Method with high-throughput screening potential for antioxidative substances using *Escherichia coli* biosensor *katG::lux*

Positive association between biotin and the abundance of root-feeding nematodes

The haloarchaeal MCM proteins

Bioinformatic analysis and targeted mutagenesis of the β 7- β 8 and β 9- β 10 hairpin loops and conserved zinc binding domain cysteines

Development of microbial populations in the anaerobic hydrolysis of grass silage for methane production

Enumeration of methanotrophic bacteria in the cover soil of an aged municipal landfill

Thermophilic anaerobic treatment of industrial process waters and wastewaters

A two-stage thermophilic anaerobic process for the treatment of source sorted household solid waste

Thermophilic anaerobic digestion of source-sorted household solid waste
the effects of enzyme additions