

Hokkinen L, Kesti A, Lepomäki J, Anttalainen O, Kontunen A, Karjalainen M, Aittoniemi J, Vuento R, Lehtimäki T, Oksala N, Roine A. 2020. Differential mobility spectrometry classification of bacteria. *FUTURE MICROBIOLOGY*. 15(4):233-240. <https://doi.org/10.2217/fmb-2019-0192>

Ahoranta S, Hulkkonen H, Salminen T, Kuula P, Puhakka JA, Lakaniemi AM. 2020. Formation and use of biogenic jarosite carrier for high-rate iron oxidising biofilms. *Research in Microbiology*. <https://doi.org/10.1016/j.resmic.2020.06.004>

Rinta-Kanto JM, Timonen S. 2020. Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres. *EUROPEAN JOURNAL OF SOIL BIOLOGY*. 97. <https://doi.org/10.1016/j.ejsobi.2020.103168>

Bahrudeen MNM, Chauhan V, Palma CSD, Oliveira SMD, Kandavalli VK, Ribeiro AS. 2019. Estimating RNA numbers in single cells by RNA fluorescent tagging and flow cytometry. *Journal of Microbiological Methods*. 166. <https://doi.org/10.1016/j.mimet.2019.105745>

Karhu K, Hilasvuori E, Järvenpää M, Arppe L, Christensen BT, Fritze H, Kulmala L, Oinonen M, Pitkänen JM, Vanhala P, Heinonsalo J, Liski J. 2019. Similar temperature sensitivity of soil mineral-associated organic carbon regardless of age. *Soil Biology and Biochemistry*. 136. <https://doi.org/10.1016/j.soilbio.2019.107527>

Rissanen AJ, Peura S, Mpamah PA, Taipale S, Tirola M, Biasi C, Mäki A, Nykänen H. 2019. Vertical stratification of bacteria and archaea in sediments of a small boreal humic lake. *FEMS Microbiology Letters*. 366(5). <https://doi.org/10.1093/femsle/fnz044>

Rinta-Kanto JM, Pehkonen K, Sinkko H, Tamminen MV, Timonen S. 2018. Archaea are prominent members of the prokaryotic communities colonizing common forest mushrooms. *Canadian Journal of Microbiology*. 64(10):716-726. <https://doi.org/10.1139/cjm-2018-0035>

Hyytiäinen HK, Jayaprakash B, Kirjavainen PV, Saari SE, Holopainen R, Keskinen J, Hämeri K, Hyvärinen A, Boor BE, Täubel M. 2018. Crawling-induced floor dust resuspension affects the microbiota of the infant breathing zone. *Microbiome*. 6(1). <https://doi.org/10.1186/s40168-018-0405-8>

Kuuliala L, Al Hage Y, Ioannidis AG, Sader M, Kerckhof FM, Vanderroost M, Boon N, De Baets B, De Meulenaer B, Ragaert P, Devlieghere F. 2018. Microbiological, chemical and sensory spoilage analysis of raw Atlantic cod (*Gadus morhua*) stored under modified atmospheres. *Food Microbiology*. 70:232-244. <https://doi.org/10.1016/j.fm.2017.10.011>

Aalto SL, Saarenheimo J, Mikkonen A, Rissanen AJ, Tirola M. 2018. Resistant ammonia-oxidizing archaea endure, but adapting ammonia-oxidizing bacteria thrive in boreal lake sediments receiving nutrient-rich effluents. *Environmental Microbiology*. 20(10):3616-3628. <https://doi.org/10.1111/1462-2920.14354>

Lehtinen T, Santala V, Santala S. 2017. Twin-layer biosensor for real-time monitoring of alkane metabolism. *FEMS Microbiology Letters*. 364(6). <https://doi.org/10.1093/femsle/fnx053>

Huttunen M, Turkki P, Mäki A, Paavola L, Ruusuvaara P, Marjomäki V. 2017. Echovirus 1 internalization negatively regulates epidermal growth factor receptor downregulation. *Cellular Microbiology*. 19(3). <https://doi.org/10.1111/cmi.12671>

Santala V, Karp M, Santala S. 2016. Bioluminescence-based system for rapid detection of natural transformation. *FEMS Microbiology Letters*. 363(13). <https://doi.org/10.1093/femsle/fnw125>

Neeli-Venkata R, Martikainen A, Gupta A, Goncalves N, Fonseca J, Ribeiro AS. 2016. Robustness of the process of nucleoid exclusion of protein aggregates in *Escherichia coli*. *Journal of Bacteriology*. 198(6):898-906. <https://doi.org/10.1128/JB.00848-15>

Urmersbach S, Aho T, Alter T, Hassan SS, Autio R, Huehn S. 2015. Changes in global gene expression of *Vibrio parahaemolyticus* induced by cold- and heat-stress. *BMC Microbiology*. 15(1). <https://doi.org/10.1186/s12866-015-0565-7>

Nybond S, Karp M, Yrjönen T, Tammela P. 2015. Bioluminescent whole-cell reporter gene assays as screening tools in the identification of antimicrobial natural product extracts. *Journal of Microbiological Methods*. 114:54-56. <https://doi.org/10.1016/j.mimet.2015.04.014>

Tienaho J, Sarjala T, Franzén R, Karp M. 2015. Method with high-throughput screening potential for antioxidative substances using *Escherichia coli* biosensor katG':lux. *Journal of Microbiological Methods*. 118:78-80. <https://doi.org/10.1016/j.mimet.2015.08.018>

Sinkkonen A, Laitinen OH, Leppiniemi J, Vauramo S, Hytönen VP, Setälä H. 2014. Positive association between biotin and the abundance of root-feeding nematodes. *Soil Biology and Biochemistry*. 73:93-95. <https://doi.org/10.1016/j.soilbio.2014.02.002>

Kristensen TP, Cherian RM, Gray FC, MacNeill SA. 2014. The haloarchaeal MCM proteins: Bioinformatic analysis and targeted mutagenesis of the $\beta 7$ - $\beta 8$ and $\beta 9$ - $\beta 10$ hairpin loops and conserved zinc binding domain cysteines. *Frontiers in Microbiology*. 5(MAR). <https://doi.org/10.3389/fmicb.2014.00123>

Wang H, Vuorela M, Keränen AL, Lehtinen TM, Lensu A, Lehtomäki A, Rintala J. 2010. Development of microbial populations in the anaerobic hydrolysis of grass silage for methane production. *FEMS Microbiology Ecology*. 72(3):496-506. <https://doi.org/10.1111/j.1574-6941.2010.00850.x>

Kallistova AY, Kevbrina MV, Nekrasova VK, Shnyrev NA, Einola JKM, Kulomaa MS, Rintala JA, Nozhevnikova AN. 2007. Enumeration of methanotrophic bacteria in the cover soil of an aged municipal landfill. *Microbial Ecology*. 54(4):637-645. <https://doi.org/10.1007/s00248-007-9219-0>

Rintala JA. 1997. Thermophilic anaerobic treatment of industrial process waters and wastewaters. *Microbiology*. 66(5):583-587.

Rintala JA, Ahring BK. 1994. A two-stage thermophilic anaerobic process for the treatment of source sorted household solid waste. *Biotechnology Letters*. 16(10):1097-1102. <https://doi.org/10.1007/BF01022410>

Rintala JA, Ahring BK. 1994. Thermophilic anaerobic digestion of source-sorted household solid waste: the effects of enzyme additions. *Applied Microbiology and Biotechnology*. 40(6):916-919. <https://doi.org/10.1007/BF00173999>