

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

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

Santala V, Karp M, Santala S. **Bioluminescence-based system for rapid detection of natural transformation.** FEMS Microbiology Letters. 2016 Jul 1;363(13). fnw125. <https://doi.org/10.1093/femsle/fnw125>

Nybond S, Karp M, Yrjönen T, Tammela P. **Bioluminescent whole-cell reporter gene assays as screening tools in the identification of antimicrobial natural product extracts.** Journal of Microbiological Methods. 2015 Jul 1;114:54-56. <https://doi.org/10.1016/j.mimet.2015.04.014>

Urmersbach S, Aho T, Alter T, Hassan SS, Autio R, Huehn S. **Changes in global gene expression of *Vibrio parahaemolyticus* induced by cold- and heat-stress.** BMC Microbiology. 2015 Oct 23;15(1). 229. <https://doi.org/10.1186/s12866-015-0565-7>

Hyytiäinen HK, Jayaprakash B, Kirjavainen PV, Saari SE, Holopainen R, Keskinen J et al. **Crawling-induced floor dust resuspension affects the microbiota of the infant breathing zone.** Microbiome. 2018;6(1). 25. <https://doi.org/10.1186/s40168-018-0405-8>

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

Hokkinen L, Kesti A, Lepomäki J, Anttalainen O, Kontunen A, Karjalainen M et al. **Differential mobility spectrometry classification of bacteria.** FUTURE MICROBIOLOGY. 2020 Mar 1;15(4):233-240. <https://doi.org/10.2217/fmb-2019-0192>

Huttunen M, Turkki P, Mäki A, Paavolainen L, Ruusuvaari P, Marjomäki V. **Echovirus 1 internalization negatively regulates epidermal growth factor receptor downregulation.** Cellular Microbiology. 2017;19(3). e12671. <https://doi.org/10.1111/cmi.12671>

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

Bahrudeen MNM, Chauhan V, Palma CSD, Oliveira SMD, Kandavalli VK, Ribeiro AS. **Estimating RNA numbers in single cells by RNA fluorescent tagging and flow cytometry.** Journal of Microbiological Methods. 2019 Oct 22;166. 105745. <https://doi.org/10.1016/j.mimet.2019.105745>

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

Tienaho J, Sarjala T, Franzén R, Karp M. **Method with high-throughput screening potential for antioxidative substances using *Escherichia coli* biosensor *katG*::lux.** Journal of Microbiological Methods. 2015;118:78-80. 4723. <https://doi.org/10.1016/j.mimet.2015.08.018>

Kuuliala L, Al Hage Y, Ioannidis AG, Sader M, Kerckhof FM, Vanderroost M et al. **Microbiological, chemical and sensory spoilage analysis of raw Atlantic cod (*Gadus morhua*) stored under modified atmospheres.** Food Microbiology. 2018;70:232-244. <https://doi.org/10.1016/j.fm.2017.10.011>

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

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

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

Karhu K, Hilasvuori E, Järvenpää M, Arppe L, Christensen BT, Fritze H et al. **Similar temperature sensitivity of soil mineral-associated organic carbon regardless of age.** *Soil Biology and Biochemistry*. 2019 Sep 1;136. 107527. <https://doi.org/10.1016/j.soilbio.2019.107527>

Rinta-Kanto JM, Timonen S. **Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres.** *EUROPEAN JOURNAL OF SOIL BIOLOGY*. 2020;97. 103168. <https://doi.org/10.1016/j.ejsobi.2020.103168>

Kristensen TP, Cherian RM, Gray FC, MacNeill SA. **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*. 2014;5(MAR). 123. <https://doi.org/10.3389/fmicb.2014.00123>

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

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

Lehtinen T, Santala V, Santala S. **Twin-layer biosensor for real-time monitoring of alkane metabolism.** *FEMS Microbiology Letters*. 2017 Mar 1;364(6). fnx053. <https://doi.org/10.1093/femsle/fnx053>

Rissanen AJ, Peura S, Mpamah PA, Taipale S, Tiirola M, Biasi C et al. **Vertical stratification of bacteria and archaea in sediments of a small boreal humic lake.** *FEMS Microbiology Letters*. 2019 Mar 1;366(5). <https://doi.org/10.1093/femsle/fnz044>