

- 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*, vol. 15, no. 4, pp. 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*, vol. 97, 103168. <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*, vol. 166, 105745. <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*, vol. 136, 107527. <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*, vol. 366, no. 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*, vol. 64, no. 10, pp. 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*, vol. 6, no. 1, 25. <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*, vol. 70, pp. 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*, vol. 20, no. 10, pp. 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*, vol. 364, no. 6, fnx053. <https://doi.org/10.1093/femsle/fnx053>
- Huttunen, M, Turkki, P, Mäki, A, Paavolainen, L, Ruusuvoori, P & Marjomäki, V 2017, 'Echovirus 1 internalization negatively regulates epidermal growth factor receptor downregulation', *Cellular Microbiology*, vol. 19, no. 3, e12671. <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*, vol. 363, no. 13, fnw125. <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*, vol. 198, no. 6, pp. 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*, vol. 15, no. 1, 229. <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*, vol. 114, pp. 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*, vol. 118, 4723, pp. 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*, vol. 73, pp. 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 β 7- β 8 and β 9- β 10 hairpin loops and conserved zinc binding domain cysteines', *Frontiers in Microbiology*, vol. 5, no. MAR, 123. <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*, vol. 72, no. 3, pp. 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*, vol. 54, no. 4, pp. 637-645. <https://doi.org/10.1007/s00248-007-9219-0>
- Rintala, JA 1997, 'Thermophilic anaerobic treatment of industrial process waters and wastewaters', *Microbiology*, vol. 66, no. 5, pp. 583-587.
- Rintala, JA & Ahring, BK 1994, 'A two-stage thermophilic anaerobic process for the treatment of source sorted household solid waste', *Biotechnology Letters*, vol. 16, no. 10, pp. 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*, vol. 40, no. 6, pp. 916-919. <https://doi.org/10.1007/BF00173999>