

Hokkinen, Lauri ; Kesti, Artturi ; Lepomäki, Jaakko ; Anttalainen, Osmo ; Kontunen, Anton ; Karjalainen, Markus ; Aittoniemi, Janne ; Vuento, Risto ; Lehtimäki, Terho ; Oksala, Niku ; Roine, Antti. / **Differential mobility spectrometry classification of bacteria**. In: FUTURE MICROBIOLOGY. 2020 ; Vol. 15, No. 4. pp. 233-240.

Ahoranta, Sarita ; Hulkkonen, Hanna ; Salminen, Turkka ; Kuula, Pirjo ; Puhakka, Jaakko A. ; Lakaniemi, Aino Maija. / **Formation and use of biogenic jarosite carrier for high-rate iron oxidising biofilms**. In: Research in Microbiology. 2020.

Rinta-Kanto, Johanna M. ; Timonen, Sari. / **Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres**. In: EUROPEAN JOURNAL OF SOIL BIOLOGY. 2020 ; Vol. 97.

Bahrudeen, Mohamed N.M. ; Chauhan, Vatsala ; Palma, Cristina S.D. ; Oliveira, Samuel M.D. ; Kandavalli, Vinodh K. ; Ribeiro, Andre S. / **Estimating RNA numbers in single cells by RNA fluorescent tagging and flow cytometry**. In: Journal of Microbiological Methods. 2019 ; Vol. 166.

Karhu, Kristiina ; Hilasvuori, Emmi ; Järvenpää, Marko ; Arppe, Laura ; Christensen, Bent T. ; Fritze, Hannu ; Kulmala, Liisa ; Oinonen, Markku ; Pitkänen, Juha Matti ; Vanhala, Pekka ; Heinonsalo, Jussi ; Liski, Jari. / **Similar temperature sensitivity of soil mineral-associated organic carbon regardless of age**. In: Soil Biology and Biochemistry. 2019 ; Vol. 136.

Rissanen, Antti J. ; Peura, Sari ; Mpamah, Promise A. ; Taipale, Sami ; Tirola, Marja ; Biasi, Christina ; Mäki, Anita ; Nykänen, Hannu. / **Vertical stratification of bacteria and archaea in sediments of a small boreal humic lake**. In: FEMS Microbiology Letters. 2019 ; Vol. 366, No. 5.

Rinta-Kanto, J. M. ; Pehkonen, K. ; Sinkko, H. ; Tamminen, M. V. ; Timonen, S. / **Archaea are prominent members of the prokaryotic communities colonizing common forest mushrooms**. In: Canadian Journal of Microbiology. 2018 ; Vol. 64, No. 10. pp. 716-726.

Hyytiäinen, Heidi K. ; Jayaprakash, Balamuralikrishna ; Kirjavainen, Pirkka V. ; Saari, Sampo E. ; Holopainen, Rauno ; Keskinen, Jorma ; Hämeri, Kaarle ; Hyvärinen, Anne ; Boor, Brandon E. ; Täubel, Martin. / **Crawling-induced floor dust resuspension affects the microbiota of the infant breathing zone**. In: Microbiome. 2018 ; Vol. 6, No. 1.

Kuuliala, L. ; Al Hage, Y. ; Ioannidis, A. G. ; Sader, M. ; Kerckhof, F. M. ; Vanderroost, M. ; Boon, N. ; De Baets, B. ; De Meulenaer, B. ; Ragaert, P. ; Devlieghere, F. / **Microbiological, chemical and sensory spoilage analysis of raw Atlantic cod (*Gadus morhua*) stored under modified atmospheres**. In: Food Microbiology. 2018 ; Vol. 70. pp. 232-244.

Aalto, Sanni L. ; Saarenheimo, Jatta ; Mikkonen, Anu ; Rissanen, Antti J. ; Tirola, Marja. / **Resistant ammonia-oxidizing archaea endure, but adapting ammonia-oxidizing bacteria thrive in boreal lake sediments receiving nutrient-rich effluents**. In: Environmental Microbiology. 2018 ; Vol. 20, No. 10. pp. 3616-3628.

Lehtinen, Tapio ; Santala, Ville ; Santala, Suvi. / **Twin-layer biosensor for real-time monitoring of alkane metabolism**. In: FEMS Microbiology Letters. 2017 ; Vol. 364, No. 6.

Huttunen, Moona ; Turkki, Paula ; Mäki, Anita ; Paavolainen, Lassi ; Ruusuvuori, Pekka ; Marjomäki, Varpu. / **Echovirus 1 internalization negatively regulates epidermal growth factor receptor downregulation**. In: Cellular Microbiology. 2017 ; Vol. 19, No. 3.

Santala, Ville ; Karp, Matti ; Santala, Suvi. / **Bioluminescence-based system for rapid detection of natural transformation**. In: FEMS Microbiology Letters. 2016 ; Vol. 363, No. 13.

Neeli-Venkata, Ramakanth ; Martikainen, Antti ; Gupta, Abhishekh ; Goncalves, Nadia ; Fonseca, Jose ; Ribeiro, Andre S. / **Robustness of the process of nucleoid exclusion of protein aggregates in *Escherichia coli***. In: Journal of Bacteriology. 2016 ; Vol. 198, No. 6. pp. 898-906.

Urmersbach, Sara ; Aho, Tommi ; Alter, Thomas ; Hassan, Syeda Sakira ; Autio, Reija ; Huehn, Stephan. / **Changes in global gene expression of *Vibrio parahaemolyticus* induced by cold- and heat-stress**. In: BMC Microbiology. 2015 ; Vol. 15, No. 1.

Nybond, Susanna ; Karp, Matti ; Yrjönen, Teijo ; Tammela, Päivi. / **Bioluminescent whole-cell reporter gene assays as screening tools in the identification of antimicrobial natural product extracts**. In: Journal of Microbiological Methods. 2015 ; Vol. 114. pp. 54-56.

Tienaho, Jenni ; Sarjala, Tytti ; Franzén, Robert ; Karp, Matti. / **Method with high-throughput screening potential for antioxidative substances using *Escherichia coli* biosensor *katG*::lux**. In: Journal of Microbiological Methods. 2015 ; Vol. 118. pp. 78-80.

Sinkkonen, Aki ; Laitinen, Olli H. ; Leppiniemi, Jenni ; Vauramo, Saara ; Hytönen, Vesa P. ; Setälä, Heikki. / **Positive association between biotin and the abundance of root-feeding nematodes**. In: Soil Biology and Biochemistry. 2014 ; Vol. 73. pp. 93-95.

Kristensen, Tatjana P. ; Cherian, Reeya Maria ; Gray, Fiona C. ; MacNeill, Stuart A. / **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**. In: Frontiers in Microbiology. 2014 ; Vol. 5, No. MAR.

Wang, Hong ; Vuorela, Mikko ; Keränen, Anna Leena ; Lehtinen, Tuija M. ; Lensu, Anssi ; Lehtomäki, Annimari ; Rintala, Jukka. / **Development of microbial populations in the anaerobic hydrolysis of grass silage for methane production**. In: FEMS Microbiology Ecology. 2010 ; Vol. 72, No. 3. pp. 496-506.

Kallistova, A. Yu ; Kevbrina, M. V. ; Nekrasova, V. K. ; Shnyrev, N. A. ; Einola, J. K M ; Kulomaa, M. S. ; Rintala, J. A. ; Nozhevnikova, A. N. / **Enumeration of methanotrophic bacteria in the cover soil of an aged municipal landfill**. In: Microbial Ecology. 2007 ; Vol. 54, No. 4. pp. 637-645.

Rintala, J. A. / **Thermophilic anaerobic treatment of industrial process waters and wastewaters**. In: Microbiology. 1997 ; Vol. 66, No. 5. pp. 583-587.

Rintala, Jukka A. ; Ahring, Birgitte K. / **A two-stage thermophilic anaerobic process for the treatment of source sorted household solid waste**. In: Biotechnology Letters. 1994 ; Vol. 16, No. 10. pp. 1097-1102.

Rintala, Jukka A. ; Ahring, Birgitte K. / **Thermophilic anaerobic digestion of source-sorted household solid waste : the effects of enzyme additions**. In: Applied Microbiology and Biotechnology. 1994 ; Vol. 40, No. 6. pp. 916-919.