

Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** *Frontiers in plant science* 2017 / art. 172, 25 p. : ill

<https://doi.org/10.3389/fpls.2017.00172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Absolute quantification of viable bacteria abundances in food by next-generation sequencing : quantitative NGS of viable microbes

Kallastu, Aili; Malv, Esther; **Aro, Valter**; Meikas, Anne; Vendelin, Mariann; **Kattel, Anna**; Nahku, Ranno; Kazantseva, Jekaterina

Current Research in Food Science 2023 / art. 100443 <https://doi.org/10.1016/j.crfs.2023.100443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adaptastat - a new method for optimising of bacterial growth conditions in continuous culture : interactive substrate limitation based on dissolved oxygen measurement

Tomson, Katrin; Barber, Jill; **Vanatalu, Kalju** *Journal of microbiological methods* 2006 / 3, p. 380-390 : ill

<https://pubmed.ncbi.nlm.nih.gov/15992952/>

Adhesion of zymomonas mobilis cell to glass surface

Bekers, M.; Upite, D.; Kaminska, E.; Laukevics, J.; Ventina, E. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 18

Advances in eco-efficient agriculture: The plant-soil mycobiome

Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhan; O'Donovan, Anthonia; **Gupta, Vijai Kumar** *Agriculture* 2017 / art. 14, 12 p. <https://doi.org/10.3390/agriculture7020014> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Bacterial communities in ballast tanks of cargo vessels - Shaped by salinity, treatment and the point of origin of the water but "hatch" its typical microbiome

Laas, Peeter; **Künnis-Beres, Kai**; Talas, Liisi; Tammert, Helen; **Kuprijanov, Ivan**; Herlemann, Daniel Philipp Ralf; Kisand, Veljo

Journal of environmental management 2022 / art. 116403, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2022.116403> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bactericidal properties of electrochemically treated water

Vares, P.; Karki, T.; Tamm, J. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 159

Biodegradation of m-toluate by pine rhizosphere associated microorganisms

Sarand, Inga; Timonen, S.; Koivula, T.; Sen, R.; Romantschuk, M. UIB-GBF-CSIC-TUB Symposium "Biodegradation of Organic Pollutants", Mallorca, Spain, June 29 - July 3, 1996 1996

Biological parameters : micro-organisms

Saava, Astrid Assessment of the effects of pollution on the natural resources of the Baltic Sea, 1980 1981 / p. 265-295

https://www.eester.ee/record=b1359400*est

The biomolecular spectrum drives microbial biology and functions in agri-food-environments

Sharma, Minaxi; Singh, Dhananjaya Pratap; Rangappa, Kanchugarakoppal S.; Stadler, Marc; Mishra, Pradeep Kumar; Silva, Roberto

Nascimento; Prasad, Ram; **Gupta, Vijai Kumar** *Biomolecules* 2020 / art. 401 <https://doi.org/10.3390/biom10030401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Can microbes on skin help linking persons and crimes?

Aaspõllu, Anu; Lillsaar, Triin; Tummeleht, Lea; **Simm, Jaak**; **Metsis, Madis** *Forensic science international : genetics supplement*

series 2011 / 1, p. e269-e270 : ill <http://dx.doi.org/doi:10.1016/j.fsigs.2011.08.131>

Capillary electrophoretic monitoring of microbial growth : determination of organic acids

Kudrjašova, Marina; Tahkoniemi, Heli; Helmja, Kati; **Kaljurand, Mihkel** *Proceedings of the Estonian Academy of Sciences. Chemistry* 2004 / p. 51-64 : ill

Characterisation of chemical, microbial and sensory profiles of commercial kombuchas

Andreson, Maret; Kazantseva, Jekaterina; **Kuldjäär, Rain**; Malv, Esther; **Vaikma, Helen**; Kaleda, Aleksei; Kütt, Mary-Liis; **Vilu, Raivo** *International journal of food microbiology* 2022 / art. 109715 <https://doi.org/10.1016/j.ijfoodmicro.2022.109715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cold adapted fungi from Indian Himalaya : untapped source for bioprospecting

Pandey, Anita D.; Dhakar, Kusum; Jain, Rahul; Pandey, Neha; **Gupta, Vijai Kumar**; Kooliyottil, Rinu; Dhyani, Ashish; Malviya, Mukesh K.; Adhikari, Priyanka *Proceedings of the National Academy of Sciences India Section B - Biological Sciences* 2019 / p. 1125-11321

: ill <https://doi.org/10.1007/s40011-018-1002-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

Composition of prokaryotic and eukaryotic microbial communities in waters around the Florida Reef Tract

Laas, Peeter; Ugarelli, Kelly; Absten, Michael; Boyer, Breege; Briceno, Henry; Stingl, Ulrich *Microorganisms* 2021 / 1120
<https://doi.org/10.3390/microorganisms9061120>

Cross-kingdom small RNAs among animals, plants and microbes

Zeng, Jun; **Gupta, Vijai Kumar;** Jiang, Yueming; Yang, Bao; Gong, Liang; Zhu, Hong *Cells* 2019 / art. 371
<https://doi.org/10.3390/cells8040371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deciphering the omics of plant-microbe interaction: perspectives and new insights

Sharma, Minaxi; Sudheer, Surya; **Usmani, Zeba;** Rani, Rupa; Gupta, Pratishtha *Current genomics* 2020 / p. 343-362
<https://doi.org/10.2174/1389202921999200515140420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depositional framework of the East Baltic Tremadocian black shale revisited

Hints, Rutt; Hade, Sigrid; Soesoo, Alvar; Voolma, Margus *GFF* 2014 / p. 464-482 : ill <https://doi.org/10.1080/11035897.2013.866978>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of microbiome biobanks – challenges and opportunities

Ryan, M.J.; Schloter, M.; Berg, G.; Kostic, T.; **Sarand, Inga** *Trends in microbiology* 2021 / p. 89-92
<https://doi.org/10.1016/j.tim.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme

Sildever, Sirje novaator.err.ee 2023 [Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme](#)

The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils

Singh, Chhatarpal; Tiwari, Shashank; **Gupta, Vijai Kumar;** Singh, Jay Shankar *Catena* 2018 / p. 485 - 493
<https://doi.org/10.1016/j.catena.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of night ventilation on indoor air quality in educational buildings—a field study

Lestinen, Sami; Kilpeläinen, Simo; **Kosonen, Risto;** Valkonen, Maria; **Jokisalo, Juha;** Pasanen, Pertti *Applied sciences* 2021 / art. 4056, 20 p. : ill <https://doi.org/10.3390/app11094056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elektrokeemiliselt töödeldud vee bakteritsiidsed omadused

Vares, P.; Karki, T.; Tamm, J. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 151

Engineered microbes for pigment production using waste biomass

Usmani, Zeba; Sharma, Minaxi; Sudheer, Surya; Gupta, Vijai Kumar; Bhat, Rajeev *Current genomics* 2020 / p. 80-95
<https://doi.org/10.2174/1389202921999200330152007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced monitoring of microbes on process surfaces

Mets, Marite; Kutsar, Liina; Veskus, Tiina; Rätto, Marjaana; Salo, Satu; Wirtanen, Gun *Risk assessment of microbial problems and preventative actions in food industry* 2008 / p.75-76 <https://cris.vtt.fi/en/publications/enhanced-monitoring-of-microbes-on-process-surfaces>

Establishment of microbial consortia in semi-solid laboratory rye sourdoughs during continuous propagation at different fermentation temperatures

Viidard, Ene; Bessmeltseva, Marjanna; Paalme, Toomas; Sarand, Inga *FoodMicro* 2012 - Global Issues in Food Microbiology : 3-7 September 2012, Istanbul : book of abstracts 2012

Evolution of a Katian tropical hardground

Toom, Ursula; Kröger, Björn; Knaust, Dirk; **Moghalu, Ogechukwu Ann;** Vöröš, Dominik; Vodrážková, Stanislava XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 39 https://www.ester.ee/record=b5696260*est
<https://files.geocollections.info/95c3f9cd-1a5f-428b-a1a6-517682aced9d.pdf>

Exploring the potential of microbial biomass and microbial extracted oils in tribology: a sustainable frontier for environmentally acceptable lubricants

Bernat, Szymon; Di Bartolomeo, Francesca; Armada, Sergio; Valaker, Emil; **Bonturi, Nemailla;** Koseto, Deni; Haugen, Tone; Kvernbraten, Ann-Karin; Stavarek, Petr; Vecer, Marek; Zelenka, Ladislav *Green chemistry letters and reviews* 2024 / art. 2330644
<https://doi.org/10.1080/17518253.2024.2330644> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems

Voranan-Winqvist, Camilla; **Järvi, Kati;** Andersson, Maria A.; **Kurnitski, Jarek** *Environment international* 2020 / art. 105781, 14 p. : ill <https://doi.org/10.1016/j.envint.2020.105781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fat-making microbes for greener and sustainable industry

Shapava, Volha; **Lahtvee, Petri-Jaan**; Blomqvist, Johanna; Passoth, Volkmar; **Bonturi, Nemailla**; Einarsson, Hjörleifur; Sigurðarson, Jens J.; Skugor, Stanko; Varland, Marit Fast track to vision 2030 2023 / p. 112-115 <https://www.nordforsk.org/2023/fast-track-vision-2030>

Fed-batch cultivation of microbial cells in heavy water

Vanatalu, Kalju 8th European Congress on Biotechnology, August 17-21, 1997, Budapest : book of abstracts 1997 / p. 293, WE4441

Formation of nitrosodimethylamine by microorganisms used in the baking industry or isolated from the raw materials of bakery products

Uibu, Jaak; Tauts, Olev; Bogovski, Pavel IARC scientific publications 1978 / p. 247-256 https://www.ester.ee/record=b1217600*est

Fosfaate lahustavate mikroorganismide eraldamine ja omadused

Kurissoo, Tõnu; Vassiljeva, Irina; Njunkova, Olga Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / l. 24

Fossilisation by Mg-calcite: mineralized microbes in methane-derived carbonates from the Vestnesa Ridge, off western Svalbard

Himmler, Tobias; Wirth, Richard; **Martma, Tõnu**; Bohrmann, Gerhard; Bünz, Stefan; Knies, Jochen; **Lepland, Aivo** Geophysical research abstracts 2018 / p. EGU2018-14291 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-14291.pdf>

Functional food ingredients : metabolism of fructans by Bacteroides thetaiotaomicron and colon microbiota studied by isothermal microcalorimetry

Adamson, Signe; Tomson, Katrin; Vija, Heiki; **Puurand, Marju; Adamberg, Kaarel** 2nd Congress of Baltic Microbiologists : Tartu, Estonia, 17-18 October, 2014 2014

Füto-remediatsiooni hõlbustamine fosfaate lahustavate mikroorganismide abil

Kurissoo, Tõnu; Vassiljeva, Irina; Morozova, Darja XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 72

Heterotrophic and Autotrophic Picoplankton Distribution and Interaction in the Water Column of the Gulf of Finland, the Baltic Sea : [iPoster]

Künnis-Beres, Kai World Microbe Forum 2021 2021 / 1 p <https://www.abstractsonline.com/pp8/#!/9286/presentation/11724>

Homogeneous microbial diversity in the upper sediment layers of a shallow lake

Tšertova, Natalja; **Kisand, Anu**; Baty, Florent; Kisand, Veljo Aquatic Microbial Ecology 2013 / p. 77 - 85
<https://doi.org/10.3354/ame01647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Igapäevane sularaha kubiseb mikroobidest

Imeline Teadus 2019 / lk. 20 : ill https://www.ester.ee/record=b2747925*est Mikrobioloogilise saastuse võrdlus polümeer- ja paberrahal kasutades ATP tehnoloogiat.= Mikrobioloogilise saastuse võrdlus polümeer- ja paberrahal kasutades ATP tehnoloogiat

Improving ADM1 model to simulate anaerobic digestion start-up with inhibition phase based on cattle slurry

Normak, Argo; Suurpere, Jaak; Suitso, Indrek; Jõgi, Erkki; Kokin, Eugen; **Pitk, Peep** Biomass and Bioenergy 2015 / p. 260 - 266
<https://doi.org/10.1016/j.biombioe.2015.05.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ transfer of the TOL plasmid pWWO : Km into the indigenous microbial population of Scots pine mycorrhizosphere

Sarand, Inga; Romatschuk, M. VI International Congress on Pseudomonas : Molecular Biology and Biotechnology, Madrid, Spain, 4-8 Sept., 1997 : abstracts book 1997 / p. 162

Insights on engineered microbes in sustainable agriculture : biotechnological developments and future prospects

Sudheer, Surya; Bai, Renu Geetha; **Usmani, Zeba**; Sharma, Minaxi Current Genomics 2020 / p. 321-333
<https://doi.org/10.2174/1389202921999200603165934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kaubalaevad toovad Eesti vetesse eksootilisi mikroobe [Võrguväljaanne]

Bioneer.ee 2021 "[Kaubalaevad toovad Eesti vetesse eksootilisi mikroobe](#)."

Kaubalaevade ballastvee puhastamine jätab soovida [Võrguväljaanne]

keskkonnatehnika.ee 2021 "[Kaubalaevade ballastvee puhastamine jätab soovida](#)."

Kokkuvõte = Резюме = Summary

Adamberg, Signe Mina, superorganism : lugu bakterite ja inimese kooselust : näituse kataloog = Я, суперорганизм! : история о сожительстве бактерии и человека : каталог выставки = Me, superorganism! : tale about the untold story of bacteria : exhibition catalogue 2019 / lk. 83 https://www.ester.ee/record=b5255688*est

Maitsekas toiduteadus pikendab Eesti rahvusroa eluiga

novaator.err.ee 2023 [Maitsekas toiduteadus pikendab Eesti rahvusroa eluiga](#)

Management of microbial resources in human environment - new era : [abstract]

Vilu, Raivo Ninth Annual ScanBalt Forum "Healthy future" : September 22-24, 2010 : Tallinn, Estonia 2010 / p. 55

Microbial activity during advanced oxidation of creosote oil contaminated soil

Palmroth, Marja R.T.; Aunola, Tuomo; **Goi, Anna** Abstracts in Enzymes in the Environment : Activity, Ecology and Application : Praha, Czech Republic, 2003 2003 / p. 62

Microbial cancer therapeutics : a promising approach

Diwan, Deepti; Cheng, Lei; **Usmani, Zeba**; Sharma, Minaxi; Holden, Nicola; Willoughby, Nicholas; Sangwan, Neelam; Baadhe, Rama Raju; Liu, Chenchen; Gupta, Vijai Kumar Seminars in Cancer Biology 2022 / p. 931 - 950

<https://doi.org/10.1016/j.semcancer.2021.05.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial community dynamics of a sequentially fed anaerobic digester treating solid organic waste

Lee, Hyun Woo; Fitamo, Temesgen M.; Nesbø, Camilla L.; Guilford, Nigel G.H.; **Kanger, Kärt**; Yang, Mingqing Ivy; Edwards, Elizabeth A. FEMS Microbiology Ecology 2023 / 11 p. <https://doi.org/10.1093/femsec/fiad017>

Microbial interactions with inanimate solid surfaces : a methodological approach = Mikroobide interaktsioonid tahkete eluta pindadega : metoodiline käsitus

Rosenberg, Merilin 2022 <https://doi.org/10.23658/taltech.6/2022> <https://digikogu.taltech.ee/et/Item/ae0fc64d-c7bf-46e9-bc65-85342787a8cb>
https://www.ester.ee/record=b5491623*est

Microbial saccharification of wheat bran for bioethanol fermentation

Farkas, Csilla; Rezessy-Szabó, Judit M.; **Gupta, Vijai Kumar**; Truong, Duy H.; Friedrich, László; Felföldi, József; Nguyen, Quang D. Journal of Cleaner Production 2019 / Article nr. 118269 <https://doi.org/10.1016/j.jclepro.2019.118269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial surveys in Estonian dairies

Salo, Satu; Ehavald, Helen; Raaska, L.; **Vokk, Raivo**; Wirtanen, G. LWT - food science and technology 2006 / 5, p. 460-471

Microcalorimetric monitoring of microbial growth in solid-state fermentations

Menert, Anne; Kazarjan, Aram; Stulova, Irina; Lee, C.C.; **Vilu, Raivo** International Society for Biological Calorimetry : XIVth Conference The Amber ISBC : Sopot, Poland, June 2-6, 2006 : abstracts 2006 / p. 58

Microcalorimetry of anaerobic digestion

Menert, Anne 2001 https://www.ester.ee/record=b1570004*est

Microorganism polysaccharides for purposeful change of immunochemical properties of immobilized enzymes and other bioregulatory proteins

Vina, I.; Karsakevich, A.; Yalinska, A.; Arens, A. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 58-59

Mikrobi-, endotoksiini- ja B-glukaanipitoisuuksien sekä pölyjen toksisuuden eroja maaseutu- ja kaupunkirakennuksista kerätyissä pöly- ja materiaalinäytteissä

Sisäilmastoseminaari 2018 : Messukeskus, Helsinki, 15.3.2018 2018 / s. 65–70 : ill
http://sisailmayhdistys.fi/SISAILMASTO_seminaarijulkaisu2018.pdf

Mikrobioloogia. Üldjuhend mikroorganismide arvu määramiseks. Kolooniade loendamise tehnika 30 C juures

Türk, Karin-Tiiu; **Krosing, Valve**; Redel, Lehti; Siig, Anne 1999 https://www.ester.ee/record=b1276832*est

Mikroobid tööstuse teenistuses

Köstner, Ado Horisont 1983 / lk. 4-6 : fot., joonis https://www.ester.ee/record=b1072243*est <https://www.digar.ee/arhiiv/et/periodika/70125>

Mikroobijälg reedab kurjategija isiku : [TTÜ teaduri Anu Aaspõllu uurimistööst]

Olesk, Arko Postimees 2011 / lk. 6

Mikroobivalk loomasöödaks

Köstner, Ado Horisont 1983 / lk. 10-12 : joon https://www.ester.ee/record=b1072243*est <https://www.digar.ee/arhiiv/et/periodika/70118>

Mikroobivastaste pindade katsetused jäävad ohtlikult eluvõraks [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2022 ["Mikroobivastaste pindade katsetused jäävad ohtlikult eluvõraks"](#)

Mikrovetikate ekstrakti stimuleeriva/inhibeeriva mõju uurimine tööstuslikult tähtsate mikroorganismide kasvule

Meriste, T.; Liiders, M. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 82

Miks on vaja toita mikroorganisme meie kõhus?

Käärt, Ulvar Horisont 2017 / lk. 42-44 : fot http://www.ester.ee/record=b1072243*est

Mina, superorganism : lugu bakterite ja inimese kooselust : näituse kataloog = Я, суперорганизм! : история о сожительстве бактерии и человека : каталог выставки = Me, superorganism! : tale about the untold story of bacteria : exhibition catalogue

2019 https://www.ester.ee/record=b5255688*est

Missing microbes : how the overuse of antibiotics is fueling our modern plagues, Martin J. Blaser, 274 lk, Oneworld, 2014 : [raamatututvustus]

Adamberg, Signe Horisont 2017 / lk. 60 http://www.ester.ee/record=b1072243*est

Modification of A-stat for the characterization of microorganisms

Kasemets, Kaja; Drews, Monika; Nisamedtinov, Ildar; Adamberg, Kaarel; Paalme, Toomas Journal of microbiological methods 2003 / p. 187-200 : ill <https://www.sciencedirect.com/science/article/pii/S016770120300143X>

Multiplying steady-state culture in multi-reactor system

Erm, Sten; Adamberg, Kaarel; Vilu, Raivo Bioprocess and biosystems engineering 2014 / p. 2361-2370 : ill

<https://doi.org/10.1007/s00449-014-1214-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Natural food compounds predicting the microbial safety of food items

Vokk, Raivo Food Hygiene Europe'99 : Conference an Integral Approach to Practical Food Hygiene : 14-16 June, 1999, Amsterdam : abstracts of lectures and posters 1999 / p. 84

N-nitrosodimethylamine nitrats and nitrate-reducing microorganisms in human milk

Uibu, Jaak; Tauts, Olev; Shimalovskaja, N.; Matto, R. Acta paediatrica 1996 / 10, p. 1140-1142

On-line coupling of a bioreactor with capillary electrophoresis via a membrane interface for monitoring the degradation of phenols by microorganisms

Kulp, Maria; Vassiljeva, Irina; Vilu, Raivo; Kaljurand, Mihkel 15th International Symposium on Microscale Separations and Analysis HPCE, April 13-18, 2002, Stockholm : abstracts 2002 / p. 249

On-line coupling of a miniaturized bioreactor with capillary electrophoresis, via membrane interface, for monitoring the production of organic acids by microorganisms

Ehala, Sille; Vassiljeva, Irina; Kuldvee, Ruth; Vilu, Raivo; Kaljurand, Mihkel Fresenius journal of analytical chemistry 2001 / 2, p. 168-173

Optimizing medium components to enhance high cell mass production of biotherapeutic strain lactobacillus reuteri DSM 20016T by statistical method

Selvamani, Shanmugaprakasham; Dailin, Daniel Joe; Rostom, Merit; Gupta, Vijai Kumar; El Enshasy, Hesham A. Journal of Scientific and Industrial Research 2020 / p. 798-803 <https://doi.org/10.56042/jsir.v79i9.41715> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photocatalytic and antibacterial activity of nano zinc oxide/silver composite nanoparticle covered surfaces [Online resource]

Visnapuu, Meeri; Rosenberg, Merilin; Truska, Egle; Kisand, Vambola; Ivask, Angela International Conference "Functional Materials and Nanotechnologies 2017" : Tartu, Estonia in April, 24-27, 2017 : book of abstracts 2017 / p. 143 http://www.ester.ee/record=b4668793*est

Potential influence of sulphur bacteria on Palaeoproterozoic phosphogenesis

Lepland, Aivo; Joosu, Lauri; Kirsimäe, Kalle Nature geoscience 2014 / p. 20-24 : ill <https://doi.org/10.1038/ngeo2005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Production and some unusual properties of levan, a polymer of D-fructose from special Zymomonas mobilis strain

Karsakevich, A.; Vina, I.; Gonta, S.; Linde, R.; Bekers, M. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 21

Properties and microbial population stability of model rye sourdough composed from bacteria isolated from industrial rye sourdough

Bessmeltseva, Marjanna; Viirard, Ene; Sarand, Inga Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 91-92

Rapid in situ assessment of Cu-ion mediated effects and antibacterial efficacy of copper surfaces

Rosenberg, Merilin; Vilja, Heiki; Kahru, Anne; Keevil, William; Ivask, Angela Scientific reports 2018 / art. 8172, 8 p. : ill

Re-addressing the biosafety issues of plant growth promoting rhizobacteria

Keswani, Chetan; Prakash, Om; Bharti, Nidhi; Vilchez, Juan I.; Sansinenea, Estibaliz; Lally, Richard D.; Borriss, Rainer; Singh, Surya P.; **Gupta, Vijai Kumar**; Fraceto, Leonardo F. Science of the total environment 2019 / p. 841-852 : ill

<https://doi.org/10.1016/j.scitotenv.2019.07.046> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rickettsia spp. in rodent-attached ticks in Estonia and first evidence of spotted fever group Rickettsia species Candidatus Rickettsia uralica in Europe

Vikentjeva, Maria; Geller, Julia; Remm, Jaanus; Golovljova, Irina Parasites and vectors 2021 / art. 65., 9 p. : ill

<https://doi.org/10.1186/s13071-020-04564-7> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Seedimiskiirus mõjutab inimese soolebaktereid

Adamberg, Signe; Adamberg, Kaarel Äripäev 2019 / Terviseuudised, lk. 7

Selection of microorganisms - active producers of citric acid

Karklin, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 35

Shaping the gut microbiota by bioactive phytochemicals : an emerging approach for the prevention and treatment of human diseases

Sudheer, Surya; Gangwar, Prateeksha; **Usmani, Zeba**; Sharma, Minaxi; Sharma, Vivek Kumar; Sana, Siva Sankar; Almeida, Fausto; Dubey, Nawal Kishore; Singh, Dhananjaya Pratap; Dilbaghi, Neeraj; Khayat Kashani, Hamid Reza; Gupta, Vijai Kumar; Singh, Brahma Nand; Khayat Kashani, Maryam; Nabavi, Seyed Mohammad Biochimie 2022 / p. 38 - 63

<https://doi.org/10.1016/j.biochi.2021.10.010> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Teadlased nuputavad suure kiiruga, kuidas rahvas ära toita [Võrguväljaanne]

Uusen, Kaie maaleht.ee 2022 / Lk. 22 [Teadlased nuputavad suure kiiruga, kuidas rahvas ära toita](#)

Tehnikaülikooli magistritöö : sularaha on täis mikroobe [Võrguväljaanne]

Himma, Marju novaator.err.ee 2019 / fot [Tehnikaülikooli magistritöö: sularaha on täis mikroobe](#) A comparison of the potential microbial contamination of polymer-based and cotton-based banknotes using ATP technology = Mikrobioloogilise saastuse võrdlus polümeer- ja paberrahal kasutades ATP tehnoloogiat

The effect of hydrodynamic and operational parameters on the deactivation kinetics of microbes in paper machine circulation water by ozonation

Laari, Arto; Korhonen, Susanna; Tuhkanen, Tuula; **Kallas, Juha** Proceedings of the 15th Ozone World Congress : London, United Kingdom, 11th - 15th September 2001 : oral presentations. Vol. I 2001 / p. 438-453 : ill

The investigation of growth promoting/inhibiting properties of microalgal extracts on commercially valuable microorganisms

Meriste, T.; Liiders, M. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 91

The stirring intensity studies in the anaerobic conditions of Zymomonas mobilis 113 S

Berzinš, A.; Toma, M.; Rikmanis, M.; Viesturs, U. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 16

The study of fructan metabolism by fecal culture in isothermal microcalorimeter

Adamberg, Kaarel; Tomson, Katrin; Visnapuu, Triinu; **Adamberg, Signe** 2014 ENGIHR Conference : The Gut Microbiota Throughout Life : Max Rubner-Institut, Karlsruhe (Germany), 24th-26th September 2014 / [3] p. : ill

О бактерицидных свойствах сланцевых фенолов

Kikerpill, Elmar 1957 https://www.ester.ee/record=b1384783*est <https://digikogu.taltech.ee/et/Item/8763b20a-02f2-4925-ad46-ca026c82f0fa>

Treatment of Aroclor 1016 contaminated soil by hydrogen peroxide: laboratory column study

Viisimaa, Marika; Veressina, Jelena; Goi, Anna Environmental technology 2012 / p. 2041-2048 : ill
<https://www.tandfonline.com/doi/full/10.1080/09593330.2012.660640>

Understanding How Microorganisms Respond to Acid pH Is Central to Their Control and Successful Exploitation

Lund, P.A.; De Biase, Daniela; Liran, Oded; **Scheler, Ott**; Mira, N.P.; Cetecioglu, Zeynep; Fernandez, E.N.; Bover-Cid, S.; Hall, R.; Sauer, M.; O'Byrne, Conor Frontiers in microbiology 2020 / art. 556140, 8 p. : ill <https://doi.org/10.3389/fmicb.2020.556140> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Use of PCR-denaturing gradient gel electrophoresis for the discrimination of Candida species isolated from natural habitats

El-Latif Hesham, Abd; **Gupta, Vijai Kumar**; Singh, Bhim Pratap Microbial Pathogenesis 2018 / p. 19-22

<https://doi.org/10.1016/j.micpath.2018.04.027> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

UVA-induced antimicrobial activity of ZnO/Ag nanocomposite covered surfaces

Visnapuu, Meeri; **Rosenberg, Merilin; Truska, Egle**; Nõmmiste, Ergo; Šutka, Andris; Kahru, Anne; Rähn, Mihkel; Vija, Heiki; Orupõld, Kaja; Kisand, Vambola; Ivask, Angela Colloids and Surfaces B: Biointerfaces 2018 / p. 222-232

<https://doi.org/10.1016/j.colsurfb.2018.05.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vaginal microbiota of asymptomatic reproductive-age women in Estonia

Drell, Tiina; Lillsaar, Triin; Tummeleht, Lea; Simm, Jaak; Väin, E.; Saarma, I.; **Metsis, Madis** Keystone Symposia on Molecular and Cellular Biology, Colorado, USA, March 25-30 2011 2011

Valku, rasva, suhkruid, ravimeid ... mikroobidelt

Köstner, Ado Horisont 1983 / lk. 4-6 : ill., foto https://www.ester.ee/record=b1072243*est <https://www.digar.ee/arhiiv/et/periodika/70110>

Water column microbial communities vary along salinity gradients in the Florida Coastal Everglades Wetlands

Laas, Peeter; Ugarelli, Kelly; Travieso, Rafael Microorganisms 2022 / art. 215 <https://doi.org/10.3390/microorganisms10020215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vee kvaliteet [Võrguteavik] : Escherichia coli ja coli-laadsete bakterite loendamine. Osa 1, Membraanfiltreerimise meetod madala bakteriaalse fooniga veele = Water quality : enumeration of Escherichia coli and coliform bacteria. Part 1, Membrane filtration method for waters with low bacterial background flora (ISO 9308-1:2014+ISO 9308-1:2014/Amd 1:2016)

2017 https://www.ester.ee/record=b4652098*est

Vee kvaliteet [Võrguteavik] : Escherichia coli ja coli-laadsete bakterite loendamine. Osa 1, Membraanfiltreerimise meetod madala bakteriaalse fooniga veele = Water quality : enumeration of Escherichia coli and coliform bacteria. Part 1, Membrane filtration method for waters with low bacterial background flora (ISO 9308-1:2014)

2015 http://www.ester.ee/record=b4502748*est

Vee kvaliteet [Võrguteavik] : soolestiku enterokokkide avastamine ja loendamine. Osa 2, Membraanfiltreerimise meetod = Water quality : detection and enumeration of intestinal enterococci. Part 2, Membrane filtration method

2015 http://www.ester.ee/record=b4532473*est

Värskes "Laseris": kas korduvkasutatav mask ja hallitussente lutsutamine käivad käsikäes? [Võrguväljaanne]

uudised.tv3.ee 2021 ["kas korduvkasutatav mask ja hallitussente lutsutamine käivad käsikäes?"](#)

Возможность применения иммобилизованных клеток микроорганизмов для получения L-аспарагиновой кислоты

Kalda, Astrid IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 53-54

https://www.ester.ee/record=b1309986*est

Газохроматографический анализ углеводородного субстрата для культивирования микроорганизмов

Nikitina, Nonna; Piiraja, Eduard Прикладные биокаталитические процессы 1989 / с. 102-109

Изменения состава фосфолипидов Escherichia Coli, Mycobacterium kansasii и Tetrahymena Pyriformis под действием озона : автореферат ... кандидата биологических наук (03.00.07)

Vokk, Raivo 1984 https://www.ester.ee/record=b1539289*est

Изучение влияния иммобилизации на аспартазную активность пропионовокислых бактерий и ESCHERICHIA COLI : автореферат ... кандидата биологических наук (03.00.23)

Kalda, Astrid 1984 https://www.ester.ee/record=b1538115*est

Иммобилизация клеток микроорганизмов с аспартазной активностью

Kalda, Astrid III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 108 https://www.ester.ee/record=b1280470*est

Иммобилизация клеток микроорганизмов с аспартазной активностью. II, Иммобилизация клеток Escherichia coli

Kalda, Astrid; Vorobjova, L.I. Прикладные вопросы биоорганического катализа 1981 / с. 37-47 : илл

https://www.ester.ee/record=b1345163*est <https://digikogu.taltech.ee/et/item/8ddb0fc6-18e7-45ab-baea-c94e3b5e53a6>

Иммобилизация клеток микроорганизмов с аспартазной активностью. Сообщение 4, Влияние концентрации ионов водорода и аммония на ход превращения фумарата

Kalda, Astrid Характеристика действия нативных и модифицированных ферментов 1983 / с. 79-88 : ил

https://www.ester.ee/record=b1271714*est <https://digikogu.taltech.ee/et/item/12bae568-2fd1-4c41-888f-7192241e718c>

Иммобилизация клеток микроорганизмов с аспартазной активностью. Сообщение I, Изучение влияния иммобилизации на аспартазную активность и жизнеспособность пропионовокислых бактерий

Kalda, Astrid; Vorobjova, L.I.; Köstner, Ado, juhendaja Получение и свойства иммобилизованных ферментов 1980 / с. 63-74 : илл https://www.ester.ee/record=b1344307*est <https://digikogu.taltech.ee/et/Item/941191f5-8e17-4867-a354-18ae209ca577>

Иммобилизация клеток микроорганизмов с аспартазной активностью. Сообщение 3, Воздействие иммобилизации и физических факторов на селективность превращения фумарата аммония биомассой Escherichia coli K 12 и Propionibacterium shermanii

Kalda, Astrid; Kala, A.; Köstner, Ado Кинетические и технологические характеристики биокатализаторов 1982 / с. 67-77 https://www.ester.ee/record=b1309223*est <https://digikogu.taltech.ee/et/Item/e5bac84c-77da-4b4f-beba-795a822667c8>

Иммобилизация микробных клеток Cryptococcus sp. № 112, обладающих L-лизинамидазной и L-α-аминоапролактамингиролазной активностями

Mikšite, G.; Dikciuvėnė, A.; Vaitkivicius, A.; Köstner, Ado Биотехнология : теоретический и научно-практический журнал 1985 / с. 51-59 https://www.ester.ee/record=b1256334*est

Иммобилизация микробных клеток включением в модифицированный агар

Mikšite, G.; Dikciuvėnė, A.; Pauliukonis, A.; Kazlauskas, D.; Köstner, Ado Физико-химические характеристики биокатализаторов 1986 / с. 67-78

Иммобилизация микроорганизмов для деградации ксенобиотиков

Koroljova, Jelena; Holstinina, Natalja; Sarand, Inga Tallinna Tehnikaülikooli Toimetised 1990 / lk. 70-78: ill

Иммобилизация некоторых протеолитических ферментов микроорганизмов на модифицированных неорганических носителях

Kivisilla, Külliki; Kipper, Heino Прикладные вопросы биоорганического катализа 1981 / с. 93-99 : илл https://www.ester.ee/record=b1345163*est <https://digikogu.taltech.ee/et/Item/8ddb0fc6-18e7-45ab-baea-c94e3b5e53a6>

Использование иммобилизованных клеток микроорганизмов с аспартазной активностью для получения L-аспарагиновой кислоты

Aruniit, Helle; Kalda, Astrid VI Конференция биохимиков Прибалтийских республик, Белорусской ССР и Ленинграда : тезисы докладов 1981 / с. 251-252 https://www.ester.ee/record=b1535778*est

Метод получения биомассы Bacillus macerans

Peipman, Elsa; Palm, Toivo Прикладные биокаталитические процессы 1989 / с. 43-52

О влиянии продолжительности контакта ингредиентов сточных вод на жизненные условия микроорганизмов

Leesment, Liidia; Murakas, H.; Hannus, Maila; Juhat, Matti-Ants Сборник статей по санитарной технике. 6 1970 / с. 65-70 : илл https://www.ester.ee/record=b2085097*est <https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

О роли гетеротропных микробов в процессах производящих в загрязненных водах

Leesment, Liidia; Hannus, Maila; Murakas, H.; Oja, K. Материалы XXIII гидрохимического совещания : тезисы докладов, [Новочеркасск], 12–15 мая 1969 г. 1969 / с. 92

О роли сапрофитных микробов в очистке сточных вод

Leesment, Liidia; Murakas, H.; Romeikis, M.; Vaheer, J. Материалы III Всесоюзного симпозиума по вопросам самоочищения водоемов и смешения сточных вод, Таллин, 19-21 ноября 1969 г. Ч. 1 1969 / с. 60-66 : илл https://www.ester.ee/record=b1550756*est

О санитарно-микробиологических показателях качества воды прибрежных зон моря

Saava, Astrid; Raud, R.; Iga, Kaie; Leesment, Liidia; Birk, K.; Lokk, E. Материалы VI Всесоюзного симпозиума по современным проблемам самоочищения водоемов и регулирования качества воды, Таллин, 16-18 апреля 1979 года. II секция, Гидрохимические и санитарно-биологические аспекты самоочищения. (Часть 2) 1979 / с. 42-45 : ил., таб https://www.ester.ee/record=b1281786*est

Об оценке качества речной воды при помощи некоторых санитарно-показательных микробов

Leesment, Liidia; Murakas, H.; Saava, Astrid; Birk, K. Сборник докладов II республиканского съезда эпидемиологов, микробиологов, инфекционистов и гигиенистов 1972 / с. 321-323 : ил https://www.ester.ee/record=b3545939*est

Превращение фумарата под действием свободных и иммобилизованных клеток микроорганизмов, продуцентов аспартазы

Kalda, Astrid Тезисы докладов IV всесоюзной симпозиции "Инженерная энзимология", ч. 2 1983 / с. 110

Применение фосфатрастворяющих микроорганизмов для использования нерастворимых запасов фосфора в почве

Vassiljeva, Irina; Njunkova, Olga; Kurisoo, Tõnu; Vilu, Raivo Международная конференция молодых ученых "Химия и биотехнология пищевых веществ. Экологически безопасные технологии на основе возобновляемых природных ресурсов" : 26-28 сентября 2000, Москва 2000 / с. 138

Принципы оптимизации процесса получения технологических катализаторов на основе иммобилизованных клеток микроорганизмов

Köstner, Ado Иммобилизованные клетки микроорганизмов : теория и практика : [сборник статей] 1978 / с. 64-79

https://www.ester.ee/record=b1808687*est

Селективность действия микробных биокатализаторов при синтезе L-аспарагиновой кислоты

Kalda, Astrid; Köstner, Ado Новые процессы и оборудование для получения веществ реактивной квалификации : тезисы докладов всесоюзной научной-технической конференции "Реахимтехника-1" (г. Днепропетровск, сент. 1982 г.) 1982 / с. 12-13

Фаг кишечной палочки в качестве индикаторного микроорганизма для изучения отмирания вирусов в водоемах

Leesment, Liidia; Iga, Kaie; Murakas, H. Гигиена и санитария 1977 / с. 95-96 https://www.ester.ee/record=b1843516*est

Эстонские ученые: торговые суда завозят в местные порты опасные бактерии [Online resource]

Satsuta, Ivan rus.err.ee 2021 ["Эстонские ученые: торговые суда завозят в местные порты опасные бактерии 2](#)