

Advances in detection of antibiotic pollutants in aqueous media using molecular imprinting technique - a review
Ayankojo, Akinrinade George; Reut, Jekaterina; Nguyen, Vu Bao Chau; Boroznjak, Roman; Sõritski, Vitali Biosensors 2022 / art. 441 <https://doi.org/10.3390/bios12070441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journalmetrics at WOS](#) [Article at WOS](#)

Antibiootikumikuur võib soolestiku mikrofloora mitmeks kuuks segamini lüüa

Liebert, Tiit Postimees 2017 / Tervis, lk. 5 <https://tervis.postimees.ee/4381351/antibiootikumikuur-voib-soolestiku-mikrofloora-mitmeks-kuuks-segi-luua>

Antibiotic-imprinted polymer films prepared by electrochemical approach : towards the development of a label-free chemical sensor

Ayankojo, Akinrinade George; Sõritski, Vitali; Tretjakov, Aleksei; Reut, Jekaterina; Öpik, Andres Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 / p. 38 https://www.researchgate.net/publication/290190469_Antibiotic-imprinted_polymer_films_prepared_by_electrochemical_approach_towards_the_development_of_a_label-free_chemical_sensor [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Application of metal-doped organic aerogels for photodegradation of antibiotics in water

Bolobajev, Juri; Kask, Maarja; Koel, Mihkel Chemical industry digest 2019 / p. 92–95 <http://chemindigest.com/chemical-industry-digest-june-2019/>

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide

Klauson, Deniss; Šakarašvili, Marko; Pronina, Natalja; Kritševskaja, Marina; Kärber, Erki; Mikli, Valdek European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 126 : ill

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide

Klauson, Deniss; Šakarašvili, Marko; Pronina, Natalja; Kritševskaja, Marina; Kärber, Erki; Mikli, Valdek European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [3] p. : ill

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide in three photoreactor types

Klauson, Deniss; Šakarašvili, Marko; Pronina, Natalja; Kritševskaja, Marina; Kärber, Erki; Mikli, Valdek Environmental technology 2017 / p. 860-871 : ill <https://doi.org/10.1080/09593330.2016.1214185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous photocatalytic oxidation of amoxicillin

Klauson, Deniss; Babkina, J.; Stepanova, Kristina; Kritševskaja, Marina; Preis, Sergei Proceedings of the 2nd European Conference on Environmental Applications of Advanced Oxidation Technologies (EAAOP-2): Nicosia, Cyprus, September 9-11, 2009 2009 / [12] p <https://www.sciencedirect.com/science/article/abs/pii/S0920586110000192>

Aqueous photocatalytic oxidation of doxycycline

Kritševskaja, Marina; Klauson, Deniss; Pronina, Natalja; Poljakova, Alissa; Preis, Sergei Abstracts of papers of the American Chemical Society. Vol. 245 2013 / [1] p

Aqueous photocatalytic oxidation of doxycycline

Klauson, Deniss; Poljakova, Alissa; Pronina, Natalja; Kritševskaja, Marina; Moiseev, Anna; Dedova, Tatjana; Preis, Sergei Journal of advanced oxidation technologies 2013 / p. 234-243 <https://doi.org/10.1515/jaots-2013-0203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalytic ozonation of trimethoprim in aqueous solution by in situ generated hydrous manganese oxide

Goi, Anna; Bolobajev, Juri 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 330 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Comparison of different advanced oxidation processes for sulphamethizole degradation : process applicability study at mg L⁻¹ level and scale-down to µg L⁻¹ level

Klauson, Deniss; Grimm, F.; Pronina, Natalja; Viisimaa, Marika; Dulova, Niina 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 401 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Degradation of antibiotic vancomycin by UV photolysis and pulsed corona discharge combined with extrinsic oxidants

Nikitin, Dmitri; Kaur, Balpreet; Preis, Sergei; Dulova, Niina GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / 1 p <https://fmdtk.ut.ee/programm-2023/>

Degradation of levofloxacin in aqueous solutions by Fenton, ferrous ion-activated persulfate and combined Fenton/persulfate systems

Epold, Irina; Trapido, Marina; Dulova, Niina Chemical engineering journal 2015 / p. 452-462 : ill

<https://doi.org/10.1016/j.cej.2015.05.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of antibiotic residues in sewage sludge by pressurized liquid extraction and LC-ESI-MS

Kipper, Karin; Lillenberg, Merike; Yurchenko, Sergei; Herodes, Koit; Pihl, Viljar; Sepp, Kalev; Lõhmus, Rünno; **Nei, Lembit**

NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 102

Determination of penicillins in milk by a dual-optrode biosensor

Kagan, Margarita; Printsman, Gunnar; **Kivirand, Kairi**; Rinken, Toonika Analytical letters 2017 / p. 819-828 : ill

<https://doi.org/10.1080/00032719.2016.1202957>

Development of a molecularly imprinted polymerbased sensor for electrochemical detection of macrolide antibiotics

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Baltic Polymer Symposium 2019 : Vilnius,

Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 43 : ill [Development of a molecularly](#)

Development of MIP sensors for antibiotics

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali The 10th International Conference on Molecular

Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p. : ill <http://events.eventact.com/ProgramView2/Agenda/Lecture?id=175779&code=3608113>

Differential susceptibility of catheter biomaterials to biofilm-associated infections and their remedy by drug-encapsulated eudragit RL100 nanoparticles

Pandey, Vivek Kumar; Srivastava, Kumar Rohit; Ajmal, Gufran; Thakur, Vijay Kumar; **Gupta, Vijai Kumar**; Upadhyay, Siddh Nath;

Mishra, Pradeep Kumar International Journal of Molecular Sciences 2019 / Art. nr. 5110 <https://doi.org/10.3390/ijms20205110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Direct electrochemical sensing of ampicillin in aqueous media by a ruthenium oxide electrode decorated with a molecularly imprinted polymer

Nguyen, Vu Bao Chau; Reut, Jekaterina; Ayankojo, Akinrinade George; Sõritski, Vitali Talanta 2025 / art. 127580

<https://doi.org/10.1016/j.talanta.2025.127580>

Droplet-based digital antibiotic susceptibility screen reveals singlecell clonal heteroresistance in an isogenic bacterial population

Scheler, Ott; Makuch, Karol; Debski, Pawel R.; **Smolander, Olli-Pekka** Scientific reports 2020 / art. 3282, 8 p. : ill

<https://doi.org/10.1038/s41598-020-60381-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet-based methods for tackling antimicrobial resistance

Ruszczyk, Artur; **Bartkova, Simona**; Zapotoczna, Marta; **Scheler, Ott**; Garstecki, Piotr Current opinion in biotechnology 2022 / art.

102755 <https://doi.org/10.1016/j.copbio.2022.102755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti teadlaste loodud meetod aitab puhastada vett antibiootikumijääkidest [Võrguväljaanne]

Dulova, Niina novaator.err.ee 2020 / fot [teadlaste loodud meetod aitab puhastada vett antibiootikumijääkidest](#)

Effect of iron ion on doxycycline photocatalytic and Fenton-based autocatalytic decomposition

Bolobajev, Juri; Trapido, Marina; Goi, Anna Chemosphere 2016 / p. 220-226 : ill <https://doi.org/10.1016/j.chemosphere.2016.03.042>

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

Efficient photoelectrocatalytic degradation of amoxicillin using nano-TiO2 photoanode thin films : a comparative study with photocatalytic and electrocatalytic methods

Alaydaroos, Alia Husain; **Sydorenko, Jekaterina**; Palanisamy, Selvakumar; Chiesa, Matteo; Al Hajri, Ebrahim Chemosphere 2023 /

art. 139629 <https://doi.org/10.1016/j.chemosphere.2023.139629> [Journal metrics at Scopus](#) [Article at Scopus](#)

Electrosynthesized molecularly imprinted polymer thin films for antibiotics detection in aqueous solutions

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Zhang, Y.; Öpik, Andres Graduate Student Symposium on Molecular

Imprinting 2013 : symposium programme and book of abstracts 2013 / p. 35

Electrosynthesized molecularly imprinted polymer films for surface acoustic wave detection of antibiotics

Sõritski, Vitali; Tretjakov, Aleksei; Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres Proceedings of The 8th International Conference on Molecular Imprinting (MIP2014). Session 8 2014 / p. P-015

Electrosynthesized molecularly imprinted polymer thin films for antibiotics selective recognition

Tretjakov, Aleksei; Zhang, Y.; Reut, Jekaterina; Sõritski, Vitali; Öpik, Andres Baltic Polymer Symposium 2012 : Liepaja, Latvia,

September 19-22 : programme and proceedings 2012 / p. 115

Hapendatud kõõgiviljad võivad aidata erinevate seedeprobleemide korral

novaator.err.ee 2024 [Hapendatud kõõgiviljad võivad aidata erinevate seedeprobleemide korral](#)

Helicobacter pylori and the possible probiotic Lactobacillus salivarius co-exist in Estonian gastric biopsy sample

Roots, Kaisa; Kasak, Lagle; Suurmaa, Külliki; Sarand, Inga; Spuul, Pirjo Helicobacter 2020 <https://www.x-mol.com/paper/1304864948814581760> <https://onlinelibrary.wiley.com/journal/15235378?tabActivePane=> <https://doi.org/10.1111/hel.12745>

Hybrid molecularly imprinted polymer for amoxicillin detection

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Furchner, Andreas; Söritski, Vitali Biosensors and bioelectronics 2018 / p. 102-107 : ill <https://doi.org/10.1016/j.bios.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improvement of biomass production by Lactobacillus reuteri using double-carbon source cultivation strategy

Selvamani, Shanmugaprakasham; Malek, Roslinda Abd; Ramli, Solleh; Dailin, Daniel Joe; **Gupta, Vijai Kumar;** Sukmawati, Dalia; El-Adawi, Hala I.; Leng, Ong Mei; El Enshasy, Hesham Ali The 2nd Science and Mathematics International Conference (SMIC 2020) : Transforming Research and Education of Science and Mathematics in the Digital Age 2021 / art. 168153 <https://doi.org/10.1063/5.0041975> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Individual and simultaneous degradation of sulfamethoxazole and trimethoprim by ozone, ozone/hydrogen peroxide and ozone/persulfate processes: A comparative study

Adil, Sawaira; Maryam, Bareera; Kim, Eun-Ju; **Dulova, Niina** Environmental research 2020 / art. 109889, 10 p <https://doi.org/10.1016/j.envres.2020.109889> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Introductory chapter : why do we need rapid detection of pathogens?

Kivirand, Kairi; Rinken, Toonika Biosensing technologies for the detection of pathogens - a prospective way for rapid analysis 2018 / 4 p <https://doi.org/10.5772/intechopen.74670>

Investigation of different free image analysis software for high-throughput droplet detection

Sanka, Immanuel; Bartkova, Simona; Pata, Pille; Smolander, Olli-Pekka; Scheler, Ott ACS omega 2021 / p. 22625-22634 : ill <https://doi.org/10.1021/acsomega.1c02664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Leivast antibiootikumideni. Sangastes toimus I üleliiduline biotehnoloogide seminar

Köstner, Ado; Siimer, Enn Noorte Hää : ELKNÜ Keskkomitee häälekandja 1982 / lk. [?] https://www.ester.ee/record=b1320792*est

Microfluidic screening of antibiotic susceptibility at a single-cell level shows the inoculum effect of cefotaxime on: E. coli

Postek, Witold; Gargulinski, Pawel; **Scheler, Ott;** Kaminski, Tomasz S.; Garstecki, Piotr Lab on a Chip 2018 / p. 3668 - 3677 <https://doi.org/10.1039/c8lc00916c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MIP-based electrochemical sensors detecting antibiotics and fungicides as emerging contaminants in aqueous environments

Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Söritski, Vitali 11th international workshop on surface modification for chemical and biochemical sensing : program and the book of abstracts 2023 / p. 78

Molecularly imprinted co-polymer for class-selective electrochemical detection of macrolide antibiotics in aqueous media

Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Söritski, Vitali** Sensors and actuators B : chemical 2023 / art. 132768, 9 p. : ill <https://doi.org/10.1016/j.snb.2022.132768> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted polymer based SPR sensors for label-free detection of antibiotics

Tretjakov, Aleksei; Ayankojo, Akinrinade George; Söritski, Vitali; Reut, Jekaterina; Öpik, Andres Recent Developments in Polymer Synthesis : MACRO 2014 : poster presenta[t]ion 2014 / p. 286

Molecularly imprinted polymer integrated with a Surface Acoustic Wave technique for detection of sulfamethizole

Ayankojo, Akinrinade George; Tretjakov, Aleksei; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Söritski, Vitali** Analytical chemistry 2016 / p. 1476-1484 : ill <https://doi.org/10.1021/acs.analchem.5b04735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted polymer-based sensor for electrochemical detection of erythromycin

Ayankojo, Akinrinade George; Reut, Jekaterina; Ciocan, Valeriu; Öpik, Andres; Söritski, Vitali Talanta 2020 / art. 120502, 9 p. : ill <https://doi.org/10.1016/j.talanta.2019.120502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly Imprinted Polymer-modified Electrodes for Electrochemical Sensing of Emerging Aqueous Pollutants = Molekulaarselt jäljendatud polümeeriga modifitseeritud elektroodid esilekerkivate veesaasteainete elektrokeemiliseks tuvastamiseks

Nguyen, Vu Bao Chau 2025 https://www.ester.ee/record=b5758187*est <https://digikogu.taltech.ee/et/Item/0bef1a7a-5369-4053-9eab-af6bd9bcb11b> <https://doi.org/10.23658/taltech.64/2025>

Molecularly imprinted polymers designed to detect antibiotic pollutants in water = Molekulaarselt jäljendatud polümeerid antibiootikumide määramiseks vesikeskkonnas

Ayankojo, Akinrinade George 2018 <https://digi.lib.ttu.ee/i/?9952> https://www.estar.ee/record=b5056541*est

Molecularly imprinted polymers: towards development of chemosensors for medical diagnostics and environmental monitoring

Sõritski, Vitali XV Loodusteaduskonna Teaduskonverents 2023 / 34 p. <https://taltech.ee/loodusteaduskond/teaduskonna-teaduskonverents> <https://doi.org/10.48726/1y9d6-46543>

Molecularly imprinted poly(meta-phenylenediamine) based QCM sensor for detecting Amoxicillin

Ayankojo, Akinrinade George; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali Sensors and actuators B : chemical 2018 / p. 766-774 : ill <https://doi.org/10.1016/j.snb.2017.11.194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted poly(m-phenylenediamine) films as a sensing layer for antibiotic detection

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Zhang, Y.; Öpik, Andres; Hinrichs, Karsten; Rappich, Jörg Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 41

Mõlemasoolised kalad ja antibiootikumiresistentsus. Ravimite vale käitlemine teeb looduses palju pahandust

Parksepp, Anette; Künnis-Beres, Kai Eesti Päevaleht 2018 / lk. 2-3 <https://epl.delfi.ee/artikkel/84529989/mõlemasoolised-kalad-ja-antibiootikumiresistentsus-ravimite-vale-kaitlemine-teeb-looduses-palju-pahandust>

A new class of prophylactic metallo-antibiotic possessing potent anti-cancer and anti-microbial properties

Ude, Ziga; Kavanagh, Kevin; Twamley, Brendan; Pour, Milan; Gathergood, Nicholas; Kellett, Andrew; Marmion, Celine J. Dalton Transactions 2019 / p. 8578 - 8593 <https://doi.org/10.1039/c9dt00250b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Occurrence and distribution of selected antibiotics in the surface waters and ecological risk assessment based on the theory of natural disaster

Li, Sijia; Ju, Hanyu; Zhang, Jiquan; Zhang, Jiquan; Chen, Peng; Ji, Meichen; Ren, Jianhua; Zhao, Shuyun Environmental Science and Pollution Research 2019 / p. 28384 - 28400 <https://doi.org/10.1007/s11356-019-06060-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidative degradation of levofloxacin in aqueous solution by S2O82-/Fe2+, S2O82-/H2O2 and S2O82-/OH- processes : a comparative study

Epold, Irina; Dulova, Niina Journal of environmental chemical engineering 2015 / p. 1207-1214 : ill <https://doi.org/10.1016/j.jece.2015.04.019> [Journal metrics at Scopus](#) [Article at Scopus](#)

Oxidative degradation of vancomycin by UV and pulsed corona discharge in combination with oxidants: hydrogen peroxide, peroxymonosulfate and peroxydisulfate

Nikitin, Dmitri; Kaur, Balpreet; Preis, Sergei; Dulova, Niina GEET International Conference : Green Energy and Environmental Technology : Abstract Book 2022 / 1 I. <https://scik.eu/Rome2022/GrAbBo.php>

Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in aqueous matrices

Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 407 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Persulfate-based photodegradation of beta-lactam antibiotic amoxicillin in aqueous matrices

Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 167 http://www.eaaop5.com/files/%20Book_of_proceedings_EAAOP5_Prague2.pdf

Photocatalytic degradation of trimethoprim enhanced by organic aerogels

Bolobajev, Juri; Kreek, Kristiina; Koel, Mihkel; Goi, Anna 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 110 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides

Balpreet Kaur; Kuntus, Liina; Tikker, Priit; Kattel, Eneliis; Trapido, Marina; Dulova, Niina Science of the total environment 2019 / p. 165-175 : ill <https://doi.org/10.1016/j.scitotenv.2019.04.277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Poly(m-phenylenediamine) thin films molecularly imprinted with antibiotics as a recognition material for biosensor application

Sõritski, Vitali; Reut, Jekaterina; Tretjakov, Aleksei; Öpik, Andres; Hinrichs, Karsten; Rappich, Jörg Polymers for advanced

Polypeptide self-assembled nanoparticles as delivery systems for polymyxins B and E

Iudin, D.; Zashikhina, N.; Demyanova, E.; Korzhikov-Vlakh, V.; Shcherbakova, E.; **Boroznjak, Roman**; Tarasenko, I.; Zakharova, N.; Lavrentieva, A.; Skorik, Y.; Korzhikova-Vlakh, E. *Pharmaceutics* 2020 / art. 868, 20 p. : ill <https://doi.org/10.3390/pharmaceutics12090868>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Poolsünteeilised antibiootikumid

Köstner, Ado Tehnika ja Tootmine 1985 / lk. 15-18 ; ill https://www.ester.ee/record=b1073047*est

Preparation and characterization of photocatalytically active antibacterial surfaces covered with acrylic matrix embedded nano-ZnO and nano-ZnO/Ag

Rosenberg, Merilin; Visnapuu, Meeri; Saal, Kristjan; Danilian, Dmytro; Pärna, Rainer; Ivask, Angela; Kisand, Vambola *Nanomaterials* 2021 / art. 3384 <https://doi.org/10.3390/nano11123384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ravimijäädid looduskeskkonnas

Lillenberg, Merike; **Haiba, Egge**; **Nei, Lembit** Eesti Loodus 2012 / lk. 71-75 : ill https://artiklid.elnet.ee/record=b2495407*est

Sidrunhappesed antibiootikumideni

Köstner, Ado Õhtuleht 1987 / lk. [?] https://www.ester.ee/record=b1072244*est

Simultaneous determination of fluoroquinolones and sulfonamides originating from sewage sludge compost

Kipper, Karin; Lillenberg, Merike; Herodes, Koit; **Nei, Lembit**; **Haiba, Egge** The scientific world journal 2017 / art. 9254072, 8 p. : ill <https://doi.org/10.1155/2017/9254072> [Journal metrics at Scopus](#) [Article at Scopus](#)

Structural and mechanistic investigations of protein S-glycosyltransferases

Fujinami, Daisuke; Garcia de Gonzalo, Chanthai V.; Biswas, Subhanip; Hao, Yue; Wang, Huan; Garg, Neha; **Lukk, Tiit**; Nair, Satish K.; Donk, Wilfried A. van der Cell Chemical Biology 2021 / p. 1740-1749 <https://doi.org/10.1016/j.chembiol.2021.06.009>

Sulfamethizole-imprinted polymer on screen-printed electrodes: Towards the design of a portable environmental sensor

Ayankojo, Akinrinade George; **Reut, Jekaterina**; **Õpik, Andres**; **Sõritski, Vitali** Sensors and actuators B. Chemical 2020 / art. 128600, 9 p. : ill <https://doi.org/10.1016/j.snb.2020.128600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of bioactive silver nanoparticles by a Pseudomonas strain associated with the Antarctic Psychrophilic Protozoan Euplotes focardii

John, Maria Sindhura; Nagoth, Joseph Amruthraj; **Ramasamy, Kesava Priyan**; Mancini, Alessio *Marine drugs* 2020 / art. 38, 13 p. : ill <https://doi.org/10.3390/md18010038>

TalTechi keskkonnateadlaste uus osoonimismeetod puhastab vett antibiootikumijääkidest

Mente et Manu 2020 / lk. 32 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

Techniques used for analyzing microplastics, antimicrobial resistance and microbial community composition : a mini-review

Bartkova, Simona; **Kahru, Anne**; **Heinlaan, Margit**; **Scheler, Ott** *Frontiers in microbiology* 2021 / art. 603967 <https://doi.org/10.3389/fmicb.2021.603967> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The development of a polymer synthetic receptor for class-selective detection of macrolide antibiotics

Nguyen, Vu Bao Chau; **Ayankojo, Akinrinade George**; **Reut, Jekaterina**; **Sõritski, Vitali** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 42 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Tseftriaksooni fotokeemiline oksüdatsioon magnetiidiga aktiveeritud persulfaadiga

Tikker, Priit; **Balpreet Kaur**; **Kattel, Eneliis**; **Trapido, Marina**; **Dulova, Niina** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 41 https://www.ester.ee/record=b5208044*est

uCARE Chem Suite and uCAREChemSuiteCLI : tools for bacterial resistome prediction

Saha, Saurav Bhaskar; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo *Genes and Diseases* 2021 / p. 721 - 729 <https://doi.org/10.1016/j.gendis.2020.06.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Võitlus vähkitekitava bakteri vastu on arvatust raskem [Võrguväljaanne]

Roots, Kaisa novaator.err.ee 2021 ["Võitlus vähkitekitava bakteri vastu on arvatust raskem"](#)

От лимонной кислоты до антибиотиков

Köstner, Ado Вечерний Курьер 1987 / с. [?] https://www.ester.ee/record=b1073205*est

