

### **A study of the toxicity of the ozonation products of phenols and chlorophenols by daphnia magna test**

Trapido, Marina; Veressinina, Jelena 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 152

### **Aniliinide ja fenoolide toksilisus vetikale Pseudokirchneriella subcapitata ja bakterile Vibrio fischeri : võrdlus kirjanduse andmete ja QSAR-idega**

Aruoja, Villem; Sihtmäe, Mariliis; Kahru, Anne XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 14

### **Antibacterial activity of positively and negatively charged hematite ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) nanoparticles to Escherichia coli, Staphylococcus aureus and Vibrio fischeri**

Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; Rosenberg, Merilin; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 <https://doi.org/10.3390/nano11030652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Antibacterial and antiviral effects of Ag, Cu and Zn metals, respective nanoparticles and filter materials thereof against coronavirus SARS-CoV-2 and influenza A virus**

Kubo, Anna-Liisa; Rausalu, Kai; Savest, Natalja; Žusinaite, Eva; Vasiliev, Grigory; Viirsalu, Mihkel; Plamus, Tiia; Krumme, Andres; Merits, Andres; Bondarenko, Olesja Pharmaceutics 2022 / art. 2549 : 19 p. : ill <https://doi.org/10.3390/pharmaceutics14122549> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of a hydrodynamic model to long-term monitoring data : exploring transport pathways to identify the source of high toxicity populations of Dinophysis fortii in aquaculture sites in northern Japan**

Miyazono, Akira; Kuribayashi, Takanori; Hada, Yasufumi; Asakura, Ken; Kobayashi, Kazuma; Mizuno, Katsuhiko; Lum, Wai Mun; Sildever, Sirje; Kuroda, Hiroshi; Nagai, Satoshi Harmful Algae 2025 / art. 102976 <https://doi.org/10.1016/j.hal.2025.102976>

### **Assessment of river waters and waste waters toxicity using battery of toxicity tests**

Blinova, Irina Joint Conference of Scandinavian Society of Cell Toxicology and Estonian Society of Toxicology : (SSCT & ETS 98) : Tallinn, October 23-26, 1998 : program and abstracts 1998 / l. 60

### **Atom economy, biodegradation, catalysis and green toxicology : tools for the delivery of green chemistry based on ionic liquids [Online resource]**

Gathergood, Nicholas Abstracts : ICCE 2017 Oslo : 16th International Conference on Chemistry and the Environment : Oslo, Norway, 18-22 June 2017 / art. 171, p. [155] [http://icce2017.org/downloads/Abstraktsamling\\_16\\_06\\_17.pdf](http://icce2017.org/downloads/Abstraktsamling_16_06_17.pdf)

### **Atom economy, catalysis and green toxicology : tools for the delivery of sustainable chemistry based on ionic liquids**

Gathergood, Nicholas 2nd Green and Sustainable Chemistry Conference : 14-17 May 2017, Berlin, Germany : abstracts 2017 / p. [O4.6]

### **Automootorite toksilisuse piiramise mõningaid aspekte**

Sillat, Rein Autotransport ja Maanteed informatsiooniseeria 8 1981 / lk. 10-15 : ill [https://www.ester.ee/record=b1181335\\*est](https://www.ester.ee/record=b1181335*est)

### **Bioaccumulation of toxic organic compounds and their isomers into the organism of seals in Estonian coastal waters**

Roots, Ott 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 135

### **Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications**

Usmani, Zeba; Sharma, Minaxi; Tripathi, Manikant; Lukk, Tiit; Karpichev, Yevgen; Gathergood, Nicholas; Singh, Brahma N.; Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar Science of the total environment 2023 / art. 163002 <https://doi.org/10.1016/j.scitotenv.2023.163002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of Uranyl (UO<sub>2</sub><sup>2+</sup>) ion binding to Amyloid Beta (A $\beta$ ) peptides : effects on A $\beta$ structure and aggregation**

Berntsson, Elina; Vosough, Faraz; Noormägi, Andra; Padari, Kärt; Asplund, Fanny; Gielnik, Maciej; Paul, Suman; Jarvet, Jüri; Tõugu, Vello; Palumaa, Peep ACS chemical neuroscience 2023 / p. 2618-2633 : ill <https://doi.org/10.1021/acschemneuro.3c00130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combination of ozonation and Fenton processes for landfill leachate treatment : evaluation of treatment efficiency**

Goi, Anna; Veressinina, Jelena; Trapido, Marina Ozone & Related Oxidants in : Advanced Treatment of Water for Human Health and Environment Protection : IOA International Conference Brussels, Belgium, May 15-16, 2008 2008 / p. 6.1.2-1 - 6.1.2.-12 : ill <https://www.tandfonline.com/doi/full/10.1080/01919510802582011>

### **Commercial heat treatment of oat protein fractions is possibly toxic for coeliacs**

Horn, Ester; Järvekülg, Lilian Food and nutrition = Toit ja toitumine 1999 / p. 92-105 : ill

### **Comparative quantitative structure-activity-activity relationships for toxicity to Tetrahymena pyriformis and Pimephales promelas**

Kahn, Iiris; Maran, Uko; Benfenati, Emilio; Netzeva, Tatiana; Schults, T. Wayne; Cronin, Mark ATLA = Alternatives to laboratory animals 2007 / 1, p. 15-24 [https://www.researchgate.net/publication/6411335\\_Comparative\\_Quantitative\\_Structure-Activity-Activity\\_Relationships\\_for\\_Toxicity\\_to\\_Tetrahymena\\_pyriformis\\_and\\_Pimephales\\_promelas](https://www.researchgate.net/publication/6411335_Comparative_Quantitative_Structure-Activity-Activity_Relationships_for_Toxicity_to_Tetrahymena_pyriformis_and_Pimephales_promelas)

### **A comprehensive review on biological properties of citrinin**

Oliveira Filho, José Williams Gomes de; Islam, Muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; de Oliveira Santos, Jose Victor; Oliveira Barros de Alencar, Marcus Vinicius; Gomes, Antonio Luiz, Júnior; Paz, Márcia Fernanda Correia Jardim; Dos Remédios Mendes De Brito, Maria; Gupta, Vijai Kumar Food and chemical toxicology 2017 / p. 130-141 : ill  
<https://doi.org/10.1016/j.fct.2017.10.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cubic iron core-shell nanoparticles functionalized to obtain high-performance MRI contrast agents**

**Volokhova, Maria**; Shugai, Anna; Tsujimoto, Masahiko; Kubo, Anna-Liisa; Telliskivi, Sven; Nigul, Mait; Uudeküll, Peep; Vija, Heiki; Bondarenko, Olesja; Adamson, Jasper; Kahru, Anne; Stern, Raivo; Seinberg, Liis Materials 2022 / art. 2228  
<https://doi.org/10.3390/ma15062228> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Daphnia bioassay : analyzing drinking water for toxic effects**

Trubetskova, I.L.; **Vilu, Raivo**; Minko, S.L. Joint Conference of Scandinavian Society of Cell Toxicology and Estonian Society of Toxicology : (SSCT & ETS 98) : Tallinn, October 23-26, 1998 : program and abstracts 1998 / I. 62

### **Degradation of aqueous nitrophenols by ozone combined with UV-radiation and hydrogen peroxide**

**Trapido, Marina**; **Veressinina, Jelena**; **Kallas, Juha** Ozone : science & engineering 2001 / 4, p. 333-342 : ill

### **Destruction of toxic and carcinogenic aromatic compounds by advanced oxidation processes**

**Trapido, Marina**; **Veressinina, Jelena**; **Kallas, Juha**; Hautaniemi, Marjaana; **Munter, Rein** The 1998 European Workshop on Water and Air Treatment by Advanced Oxidation Technologies : Innovative and Commercial Applications, EPFL, Lausanne, Switzerland, October 11-14, 1998 : abstracts 1998 / p. 46

### **Development of potent microtubule targeting agent by structural simplification of natural diazonamide**

Kalnins, Toms; Vitkovska, V.; Kazak, M.; Zelencova-Gopejenko, D.; Ozola, M.; Narvaiss, N.; Makrecka-Kuka, M.; Domračeva, I.; **Konrad, Nele**; **Aav, Riina** Journal of medicinal chemistry 2024 / p. 9227-9259 <https://doi.org/10.1021/acs.jmedchem.4c00388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Doctoral thesis on toxic metal removal by apatites**

**Viipsi, Karin** Global TraPs : global transdisciplinary processes for sustainable phosphorus management (2010–2015) : newsletter 2012 / p. 3 : photo

### **Eesti teadlased : inimene saab oma soolebaktereid otseselt mõjutada [Võrguväljaanne]**

**Adamberg, Kaarel**; **Adamberg, Signe** heureka.postimees.ee 2019 / fot [Eesti teadlased: inimene saab oma soolebaktereid otseselt mõjutada](#) <https://doi.org/10.1080/16512235.2018.1549922>

### **Erratum to Toxicity of two types of silver nanoparticles to aquatic crustaceans Daphnia magna and Thamnocephalus platyurus (Environ Sci Pollut Res, 10.1007/s11356-012-1290-5)**

Blinova, Irina; Niskanen, Jukka; Kajankari, Paula; **Kanarbik, Liina**; **Käkinen, Aleksandr**; Tenhu, Heikki; Penttinen, Olli-Pekka; Kahru, Anne Environmental Science and Pollution Research 2013 / p. 4293 <https://doi.org/10.1007/s11356-013-1734-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Estimating the toxicities of organic chemicals in activated sludge process**

Katritzky, Alan R.; Kasemets, Kalev; Slavov, Svetoslav; Radzvilovits, Maksim; Tamm, Kaido; **Karelson, Mati** Water research 2010 / 8, lk. 2451-2460 : ill

### **Euro 1, Euro 2, Euro 3**

**Lepik, Märt** Tehnika Kõigile 1994 / 9, lk. 57-58

### **Evaluation of ecotoxicological effects related to oil shale industry**

**Põllumaa, Lee** 2004 [https://www.ester.ee/record=b1994276\\*est](https://www.ester.ee/record=b1994276*est)

### **Evaluation of the potential hazard of lanthanides to freshwater microcrustaceans**

Blinova, Irina; Lukjanova, Aljona; **Muna, Marge**; Vija, Heiki; Kahru, Anne Science of the total environment 2018 / p. 1100-1107 : ill  
<https://doi.org/10.1016/j.scitotenv.2018.06.155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fenoolide ning klorofenoolide osoonimise produktide toksilisuse uurimine Daphnia magna testiga**

**Trapido, Marina**; **Veressinina, Jelena** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 140

### **Fenton process for landfill leachate treatment : evaluation of biodegradability and toxicity**

**Goi, Anna**; **Veressinina, Jelena**; **Trapido, Marina** Journal of environmental engineering 2010 / 1, p. 46-53 : ill  
[https://www.researchgate.net/publication/245300997\\_Fenton\\_Process\\_for\\_Landfill\\_Leachate\\_Treatment\\_Evaluation\\_of\\_Biodegradability\\_and\\_Toxicity](https://www.researchgate.net/publication/245300997_Fenton_Process_for_Landfill_Leachate_Treatment_Evaluation_of_Biodegradability_and_Toxicity)

### **Identifying the role of co-aggregation of Alzheimer's amyloid-β with amorphous protein aggregates of non-amyloid**

## proteins

Wu, Jinming; Österlund, Nicklas; Wang, Hongzhi; Sternke-Hoffmann, R.; **Pupart, Hegne**; Ilag, Leopold L.; Gräslund, Astrid; Luo, Jinghui Cell Reports Physical Science 2022 / art. 101028 <https://doi.org/10.1016/j.xcrp.2022.101028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Interactions of Zn(II) and Cu(II) ions with Alzheimer's amyloid-beta peptide. Metal ion binding, contribution to fibrillization and toxicity

**Tõugu, Vello; Tiiman, Ann; Palumaa, Peep** Metallomics 2011 / p. 250-261 : ill <https://academic.oup.com/metallomics/article/3/3/250/6016214>

## Investigation on the mancozeb toxicity in adult zebrafish (Danio rerio)

Mendes, Ellen Jaqueline; Mazon, Samara Cristina; Marsaro, Isabella Bodanese; Hermes, Maria Eduarda; **Sachett, Adrieli**; Bertencello, Kanandra Taisa; de Moura, Fernando Rafael; da Silva Júnior, Flavio Manoel Rodrigues; Müller, Liz Girardi; Lima-Rezende, Cássia Alves Journal of Toxicology and Environmental Health - Part A: Current Issues 2024 / p. 616 - 629 <https://doi.org/10.1080/15287394.2024.2352787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Kas hallitus võib ka mürgine olla?

**Kallavus, Urve** Keskkonnatehnika 2001 / 5, lk. 10-12 ; 6, lk. 11-13 : ill [https://artiklid.elnet.ee/record=b1008072\\*est](https://artiklid.elnet.ee/record=b1008072*est)

## Kiirmeetod paberi toksilisuse määramiseks, milles testorganismidena kasutatakse fotobaktereid

**Kahru, Anne**; Põllumaa, Lee; **Külm, I.**; Kanger, K. EMS 96 teaduskonverents, 6.-7. juuni 1996, Tallinn = EMS 96 Scientific Conference, 6-7 June 1996, Tallinn 1996 / poster 18

## Mandelic acid derived ionic liquids: synthesis, toxicity and biodegradability

Prydderch, Hannah; Haiß, Annette; Spulak, Marcel; Quilty, Brid; Kümmerer, Klaus; Heise, Andreas; **Gathergood, Nicholas** RSC advances 2017 / p. 2115-2126 : ill <https://doi.org/10.1039/c6ra25562k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Mechanisms of toxic action of Ag, ZnO and CuO nanoparticles to selected ecotoxicological test organisms and mammalian cells in vitro: A comparative review

Ivask, Angela; **Juganson, Katre**; Bondarenko, Olesja; Mortimer, Monika; Aruoja, Villem; Kasemets, Kaja; Blinova, Irina; Heinlaan, Margit; Slaveykova, Vera; Kahru, Anne Nanotoxicology 2014 / p. 57-71 : ill <https://doi.org/10.3109/17435390.2013.855831> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Mechanisms of toxic action of silver nanoparticles in the protozoan Tetrahymena thermophila : from gene expression to phenotypic events

**Juganson, Katre**; Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupõld, Kaja; Kahru, Anne Environmental pollution 2017 / p. 481-489 : ill <https://doi.org/10.1016/j.envpol.2017.03.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Mikroobsete biotestide kasutamine tuhamägede vee toksilisuse uurimisel

**Kahru, Anne**; Kurvet, Madis; **Külm, I.** EMS 96 teaduskonverents, 6.-7. juuni 1996, Tallinn = EMS 96 Scientific Conference, 6-7 June 1996, Tallinn 1996 / [1] p

## Modeling the toxicity of chemicals to Tetrahymena pyriformis using heuristic multilinear regression and heuristic back-propagation neural networks

**Kahn, Iiris**; Sild, Sulev; Maran, Uko Journal of chemical information and modeling 2007 / 6, p. 2271-2279 <https://pubs.acs.org/doi/10.1021/ci700231c>

## NanoE-Tox: new and in-depth database concerning ecotoxicity of nanomaterials

**Juganson, Katre**; Ivask, Angela; Blinova, Irina; Mortimer, Monika; Kahru, Anne Beilstein Journal of Nanotechnology 2015 / p. 1788 - 1804 <https://doi.org/10.3762/bjnano.6.183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## A novel method for comparison of biocidal properties of nanomaterials to bacteria, yeasts and algae

**Suppi, Sandra**; Kasemets, Kaja; Ivask, Angela; Künnis-Beres, Kai; Sihtmäe, Mariliis; Kurvet, Imbi; Aruoja, Villem; Kahru, Anne Journal of Hazardous Materials 2015 / p. 75 - 84 <https://doi.org/10.1016/j.jhazmat.2014.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Oil shale semicoke leachate treatment using ozonation and the Fenton oxidation

**Trapido, Marina**; Munter, Rein; Veressinina, Jelena; Kulik, Niina Environmental technology 2006 / p. 307-315 : ill <https://www.tandfonline.com/doi/abs/10.1080/09593332708618644>

## Osoonitüd nitrofenoolide toksilisuse, kõrvalproduktide ja biolagundatavuse uurimine

**Goi, Anna**; **Trapido, Marina** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 28-29

### **Ozonation of phenols and chlorophenols in aqueous solutions - efficiency and toxicity**

**Trapido, Marina; Veressinina, Jelena; Munter, Rein** International Conference on Ozonation and Related Oxidation Processes in Water and Liquid Waste Treatment 1997 / p. IV.6.1-IV.6.15

### **Oxidation of aqueous p-Nitroaniline by pulsed corona discharge**

**Jayachandrabal, Balachandramohan; Tikker, Priit; Preis, Sergei** Separation and Purification Technology 2022 / Art. nr. 121473

<https://doi.org/10.1016/j.seppur.2022.121473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Pestitsiidide toksilisuse uurimine kasutades bakteriaalseid testsüsteeme : luminesceeruvad bakterid Photobacterium phosphoreum**

**Kahru, Anne;** Tomson, K.; Pall, T.; Külm, I. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 32-34

### **Pikaajaliste kutseekspressioonide toksiline toime ainevahetusele**

Muzõka, Vladimir; Bogovski, Sergei; Pille, Viive; **Viitak, Anu;** Veidebaum, Toomas Eesti Arst 2004 / 9, lk. 620

[https://artiklid.elnet.ee/record=b1047469\\*est](https://artiklid.elnet.ee/record=b1047469*est)

### **Predictability of the toxicity of the oil-shale industry wastewaters by their phenolic composition**

**Kahru, Anne;** Põllumaa, Lee; Reiman, R.; Rätsep, A. Joint Conference of Scandinavian Society of Cell Toxicology and Estonian Society of Toxicology : (SSCT & ETS 98) : Tallinn, October 23-26, 1998 : program and abstracts 1998 / l. 31

<https://pubmed.ncbi.nlm.nih.gov/25470674/>

### **Prediction of toxicity of (phenolic) wastewater to activated sludge using luminescent bacteria Photobacterium phosphoreum**

**Kahru, Anne; Kurvet, Madis; Külm, I.** 2nd IAWQ Specialized Conference on Hazard Assessment and Control of Environmental Contaminants in Water - The Interface Between Environmental Engineering and Environmental Science, Technical University of Denmark, Copenhagen, 29-30. June 1995 : book of abstracts 1995 / p. 56a

### **Puiduliste materjalide toksilisus**

**Sillajõe, Aadu; Kaps, Tiit; Vares, Toomas** 1990

### **Quantitative structure-activity relationship (QSAR) modeling of EC50 of aquatic toxicities for Daphnia magna**

Katritzky, Alan R.; Slavov, Svetoslav H.; Stoyanova-Slavova, Iva B.; **Kahn, Iiris; Karelson, Mati** Journal of toxicology and environmental health. Part A, Current issues 2009 / 19, p. 1181-1190 : ill <https://pubmed.ncbi.nlm.nih.gov/20077186/>

### **Reostatud pinnase suhtelise toksilisuse määramine fotobakteritestidega**

**Reiman, Rain; Kahru, Anne;** Põllumaa, Lee; Meriste, T. Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / l. 14

### **Safer chemicals : reducing toxicity and improving biodegradability [Online resource]**

**Gathergood, Nicholas** 3rd EuCheMS Congress on Green and Sustainable Chemistry : 3-6 September 2017, University of York : [oral abstracts] 2017 / p. PL4 <https://www.york.ac.uk/chemistry/research/green/events/3eugsc/>

### **Study of toxicity of pesticides using luminescent bacteria Photobacterium phosphoreum**

**Kahru, Anne; Tomson, Katrin; Pall, T.; Külm, I.** Water science and technology 1996 / 6, p. 147-154

### **Study of toxicity of pesticides using luminescent bacteria Photobacterium phosphoreum**

**Kahru, Anne; Tomson, K.; Pall, T.; Külm, I.** 2nd IAWQ Specialized Conference on Hazard Assessment and Control of Environmental Contaminants in Water - the Interface Between Environmental Engineering and Environmental Science, Technical University of Denmark, Copenhagen, 29-30. June 1995 : book of abstracts 1995 / p. 148

<https://www.sciencedirect.com/science/article/abs/pii/S0273122396002922>

### **A study of toxicity, biodegradability, and some by-products of ozonised nitrophenols**

**Goi, Anna; Trapido, Marina;** Tuhkanen, Tuula Advances in environmental research 2004 / p. 303-311 : ill

### **A study the toxicity of the ozonation products of phenols and chlorophenols by Daphnia magna test**

**Trapido, Marina; Veressinina, Jelena; Munter, Rein** Proceedings of the Estonian Academy of Sciences. Chemistry 1997 / p. 130-139: ill

### **Subchronic oral and inhalation toxicities : a challenging attempt for modeling and prediction**

**Dobchev, Dimitar A.;** Tulp, Indrek; **Karelson, Gunnar;** Tamm, Tarmo; Tamm, Kaido; **Karelson, Mati** Molecular informatics 2013 / p. 793-801 : ill <https://doi.org/10.1002/minf.201300033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Süntetiliste nanoosakeste toksilisus in vitro**

**Mortimer, Monika;** Kasemets, Kaja; Heinlaan, Margit; Vodovik, Maša; Marinšek Logar, Romana; Kahru, Anne XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific

**Technology for the removal of radionuclides from natural water and waste management : state of the art**

**Munter, Rein** Proceedings of the Estonian Academy of Sciences 2013 / p. 122-132 [https://artiklid.elnet.ee/record=b2624277\\*est](https://artiklid.elnet.ee/record=b2624277*est)  
<https://doi.org/10.3176/proc.2013.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The proposal of architecture for chemical splitting to optimize QSAR models for aquatic toxicity**

Colombo, Andrea; Benfenati, Emilio; **Karelson, Mati**; Maran, Uko Chemosphere 2008 / 5, p. 772-780 : ill  
<https://www.sciencedirect.com/science/article/pii/S0045653508003615>

**The role of physico-chemical properties and test environment on biological effects of copper and silver nanoparticles =**

**Vase ja hõbeda nanoosakeste füüsikalise-keemiliste omaduste ja testikeskkonna mõju nende bioloogilisele toimele**  
**Käkinen, Aleksandr** 2014 [https://www.ester.ee/record=b3078755\\*est](https://www.ester.ee/record=b3078755*est)

**Thiourea organocatalysts as emerging chiral pollutants : en route to porphyrin-based (chir)optical sensing**

**Konrad, Nele; Horetski, Matvey; Sihtmäe, Mariliis; Osadchuk, Irina; Senge, Mathias O.; Borovkov, Victor; Aav, Riina; Kananovich, Dzmitry** Chemosensors 2021 / art. 278 <https://doi.org/10.3390/chemosensors9100278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Time-averaged concentration estimation of uraemic toxins with different removal kinetics : a novel approach based on intradialytic spent dialysate measurements**

**Paats, Joosep; Adoberg, Annika; Arund, Jürgen; Dhondt, Annemieke; Fernström, Anders; Glorieux, Griet; Fridolin, Ivo; Holmar, Jana; Luman, Merike; Pilt, Kristjan** Clinical Kidney Journal 2023 / p. 735-744 : ill <https://doi.org/10.1093/ckj/sfac273>  
<https://academic.oup.com/ckj/article/16/4/735/6948331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Toxic- and biometals concentration in the hair of children in Estonia**

**Viitak, Anu; Treumann, Maili; Silla, Raiot** Euroanalysis IX : European Conference on Analytical Chemistry, Bologna (Italy), September 1-7, 1996 : book of abstracts 1996 / p. Mo P 60

**Toxicity of 39 MEIC chemicals to bioluminescent Photobacteria (the Biotox<sup>TM</sup> test) : correlation with other test systems**

**Kahru, Anne; Borchardt, Barbara** ATLA 1994 / p. 147-160

**Toxicity of amyloid beta 1-40 and 1-42 on SH-SY5Y cell line**

**Krištal, Jekaterina; Bragina, Olga; Metsla, Kristel; Palumaa, Peep; Tõugu, Vello** SpringerPlus 2015 / p. 21-22, P19  
<http://dx.doi.org/10.1186/2193-1801-4-S1-P19>

**Toxicity of amyloid-β peptides varies depending on differentiation route of SH-SY5Y cells**

**Krištal, Jekaterina; Metsla, Kristel; Bragina, Olga; Tõugu, Vello; Palumaa, Peep** Journal of Alzheimer's disease 2019 / p. 879-887 <https://doi.org/10.3233/JAD-190705> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Toxicity of benzoate and sorbate to different organisms**

**Maloverjan, Alla; Põllumaa, Lee; Kahru, Anne** Microbiological Safety of Food : joint conference organized by Society for Applied Microbiology (UK), World Health Organization and Estonian Society for Microbiology : 10-11 May 2000, Tartu, Estonia 2000 / I. 60

**Toxicity of nanoscale cationic polymers in vitro and in vivo**

**Kahru, Anne; Drews, Monika; Põllumaa, Lee; Kasemets, Kaja; Veidebaum, Toomas; Kogerman, Priit** ALTEX 2005 / p. 302

**Toxicity of nine (doped) rare Earth metal oxides and respective individual metals to aquatic microorganisms *Vibrio fischeri* and *Tetrahymena thermophila***

Kurvet, Imbi; **Juganson, Katre**; Vija, Heiki; Sihtmäe, Mariliis; Blinova, Irina; Syvertsen-Wiig, Guttorm; Kahru, Anne Materials 2017 / art. 754, p. 1-18 : ill <https://doi.org/10.3390/ma10070754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Toxicity of phenolic wastewater to luminescent bacteria *Photobacterium phosphoreum* and activated sludges**

**Kahru, Anne; Kurvet, Madis; Külm, I.** Water science and technology 1996 / 6, p. 139-146

**Toxicity of water accommodated fractions of Estonian shale fuel oils to aquatic organisms**

Blinova, Irina; **Kanarbik, Liina**; Sihtmäe, Mariliis; Kahru, Anne Archives of Environmental Contamination and Toxicology 2016 / p. 383 - 391 <https://doi.org/10.1007/s00244-015-0242-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Toxicological profiling of copper oxide and silver nanoparticles and polyoxometalate ionic liquids with medically relevant bacteria and mammalian cells in vitro = Vaskoksiidi ja hõbeda nanoosakeste ning polüoksometalaat-ioonvedelike toksilisuse uuringud meditsiiniliselt oluliste bakterite ja imetajarakkudega in vitro**

**Kubo, Anna-Liisa** 2019 <https://digi.lib.ttu.ee/i/?12073>

**Toxicological profiling of silver and copper oxide nanoparticles on *Saccharomyces cerevisiae* BY4741 wild-type and its single-gene deletion mutants = Hõbeda ja vaskoksiidi nanoosakeste toksilisuse iseloomustamine pärmis *Saccharomyces cerevisiae* BY4741 metsiktüvele ning geenikatkestus-mutantidele**

**Käosaar, Sandra** 2018 <https://digi.lib.ttu.ee/i/?10627> [https://www.ester.ee/record=b5151210\\*est](https://www.ester.ee/record=b5151210*est)

**Treatment of debarking effluents by ozone and hydrogen peroxide : removal of organic matter and toxicity**

**Maripuu, Lea**; Tuhkanen, Tuula; Tanskanen, Heikki; Walls, Mari International Workshop on Pollution Prevention and Waste Minimization, 23-24 May, 1995, Lappeenranta, Finland 1995 / p. 32-34: ill

**Use of bioassays for toxicity assessment of polluted water**

**Blinova, Irina** "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 149-154

**Use of luminescent bacteria in toxicity testing**

**Kahru, Anne** Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 33

**Variation in the composition of the essential oil of commercial *Salvia officinalis* L. leaves samples from different countries**

Raal, Ain; **Orav, Anne**; Ilina, Tetiana; Kovalyova, Alla; Koliadzhyn, Taras; Avidzba, Yuliia; Koshovyi, Oleh Phytol-International Journal of Experimental Botany 2024 / p. 2051 - 2062 <https://doi.org/10.32604/phyton.2024.052790> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Влияние различных пищевых компонентов на концентрацию нитратов и нитритов в опытах in vitro**

Jakovleva, J.S.; Mitšenkov, V.T.; Rooma, M.; Kossenkova, J.A.; Group, J. Вопросы повышения качества пищевых продуктов 1982 / с. 137-143 [https://www.ester.ee/record=b1301530\\*est](https://www.ester.ee/record=b1301530*est) <https://digikogu.taltech.ee/et/item/8ef282d6-1eb3-4947-8e29-2bcd6f5a7cc>

**Токсичность древесных материалов**

**Sillajõe, Aadu; Kaps, Tiit**; Vares, Toomas 1990 [https://www.ester.ee/record=b1193202\\*est](https://www.ester.ee/record=b1193202*est)

**Токсичные микроэлементы в золе электростанций, работающих на сланце**

**Pets, Lydia**; Vaganov, P.A. Теория и практика геохимических поисков в современных условиях : [В 7 вып.] 1988 / с. 86