

Analysis of sorption and bioavailability of different species of mercury on model soil components using XAS techniques and sensor bacteria

Bernaus, Anna; Gaona, Xavier; **Ivask, Angela; Kahru, Anne**; Valiente, Manuel Analytical and bioanalytical chemistry 2005 / 7, p. 1541-1548 : ill <https://pubmed.ncbi.nlm.nih.gov/15971043/>

Application of ATP-method in rapid monitoring of plant hygiene of Estonian food manufacturers

Kurvet, Madis; Külm, I.; Kahru, Anne BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 24

ATP-meetod mikroobse biomassi kiireks määramiseks ja selle kasutamine hügieeni testimisel toiduainetetööstuses

Kahru, Anne; Kurvet, Madis; Külm, I. EMS 96 teaduskonverents, 6.-7. juuni 1996, Tallinn = EMS 96 Scientific Conference, 6-7 June 1996, Tallinn 1996 / poster 17

Bioanalysis of heavy metals from soils and sediments using recombinant luminescent bacterial sensors

Ivask, Angela; Kahru, Anne; Kunttu, K.; Virta, Marko; Douay, Francis; Dubourguier, Henri-Charles Toxicology letters 2002 / p. S101

Biotestide kasutamine keskkonnaseisundi hindamisel

Blinova, Irina; Kahru, Anne Keskkonnatehnika 2001 / 3, lk. 39 https://artiklid.elnet.ee/record=b1006845*est

Biotests and biosensors in ecotoxicological risk assessment of field soils polluted with zinc, lead, and cadmium

Kahru, Anne; Ivask, Angela; Kasemets, Kaja; Põllumaa, Lee; Kurvet, Imbi; Francois, Matthieu; Dubourguier, Henri-Charles Environmental toxicology and chemistry 2005 / 11, p. 2973-2982

Chemical versus toxicological analysis in characterization of phenolic pollution : a test battery approach

Kahru, Anne; Põllumaa, Lee; Blinova, Irina; Reiman, R.; Rätsep, A. Toxicology letters 1998 / Supplement 1/95, p. 237

Construction and use of specific luminescent recombinant bacterial sensors for the assessment of bioavailable fraction of cadmium, zinc, mercury and chromium in the soil

Ivask, Angela; Virta, Marko; Kahru, Anne Soil biology and biochemistry 2002 / p. 1439-1447

Determination of growth characteristics of sulfate reducing bacteria by microcalorimetry and ATP

Menert, Anne; Kahru, Anne; Blonskaja, Viktoria; Tarassova, J.; Vilu, Raivo ISBC XII : Calorimetry : Tool in Health and Environmental Studies : Santiago de Compostela, Espana, 7-11 September 2001 : book of abstracts / International Society for Biological Calorimetry 2001 / p. 49

Eesti Toksikoloogia Selts taasloodud ja tegutseb

Kahru, Anne Eesti Rohuteadlane 1997 / 4, lk. 38-39

Evaluation of ecotoxicological effects related to oil shale industry

Põllumaa, Lee 2004 https://www.ester.ee/record=b1994276*est

Evaluation of the biological effects of engineered nanoparticles on unicellular pro- and eukaryotic organisms = Sünteetiliste nanoosakeste bioloogiliste efektide hindamine üherakulistel pro- ja eukarüootsetel organismidel

Mortimer, Monika 2011 https://www.ester.ee/record=b2709099*est

Keskkonnaseisundi kompleksne hindamine keemiliste, toksikoloogiliste ja mikrobioloogiliste parameetrite alusel

Kahru, Anne; Põllumaa, Lee; Maloverjan, Alla; Ivask, Angela; Trapido, Marina XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 45-46

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

Laboratory study of bioremediation of rocket fuel-polluted groundwater

Rožkov, Aleksei; Vassiljeva, Irina; **Kurvet, Madis; Kahru, Anne; Preis, Sergei; Hartšenko, Anna; Kritševskaja, Marina; Liiv, Milana; Käär, Arvo; Vilu, Raivo** Water research 1999 / no. 5, [12] p.: ill

Lonidamiini fotodünaamiliste ja antineoplastiliste omaduste uurimine

Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla; **Kahru, Anne** XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 139-141 https://www.ester.ee/record=b1067568*est

Luminescent recombinant sensor bacteria for the analysis of bioavailable heavy metals

Ivask, Angela 2006 https://www.ester.ee/record=b2158067*est

Luminestseeruvad bakteriaalsed biosensorid raskemetallide määramiseks

Ivask, Angela; Karp, M.; **Kahru, Anne;** Virta, Marko Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / I. 16

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

Nano(eco)toxicology : science at the interfaces

Kahru, Anne; Ivask, Angela; Blinova, Irina; Kasemets, Kaja; Bondarenko, Olesja; Mortimer, Monika; **Heinlaan, Margit;** Käkinen, Aleksandr; **Aruoja, Villem** SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 22

On the mechanism of cytotoxic action of UVA radiation towards mammalian cells

Ševtšuk, Igor; Tšekulajev, Vladimir; Tšekulajeva, Ludmilla; Kahru, Anne 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. 83

Pestitsiidide toksilisuse uurimine kasutades bakteriaalseid testsüsteeme : luminestseeruvad 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

Photobacteria as whole-cell biosensors in environmental toxicology

Kahru, Anne; Kurvet, Madis; Külm, I. XIII Scandinavian Workshop on In Vitro Toxicology, Tampere, Finland, 21-24.9.1995 : abstracts 1995 / p. 73

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 / I. 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

Recombinant luminescent bacterial sensors for the measurement of bioavailability of cadmium and lead in soils polluted by metal smelters

Ivask, Angela; Francois, Matthieu; **Kahru, Anne;** Dubourguier, Henri-Charles; Virta, Marko; Douay, Francis Chemosphere 2004 / 2, p. 147-156 <https://www.sciencedirect.com/science/article/pii/S0045653503010804>

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 / I. 14

Saastatud muldade dehüdrogenaase aktiivsuse ja ATP sisalduse määramine

Maloverjan, Alla; Laht, Mailis; Põllumaa, Lee; **Kahru, Anne** Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / I. 17

Saastatud muldade toksikoloogiline ja mikrobioloogiline kirjeldamine

Kahru, Anne; Põllumaa, Lee; **Maloverjan, Alla; Reiman, Rain; Laht, Mailis;** Trapido, Marina Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / I. 15

Silver–chitosan nanocomposites for biomedical application : design, synthesis and antimicrobial efficiency

Kasemets, Kaja; Laanoja, Jüri; Sihtmäe, Mariliis; Vija, Heiki; Kurvet, Imbi; Otsus, Maarja; Kahru, Anne International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092040>

Study of the environmental hazard caused by the oil shale industry solid waste

Põllumaa, Lee; **Maloverjan, Alla; Trapido, Marina;** Sillak, H.; **Kahru, Anne** ATLA 2001 / p. 259-267

Study of the toxic effect of the short- and medium-chain monocarboxylic acids on the growth of Saccharomyces cerevisiae using the CO₂-auxo-accelerost fermentation system

Kasemets, Kaja; Kahru, Anne; Laht, Tiit-Maie; Paalme, Toomas International journal of food microbiology 2006 / 3, p. 206-215 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0168160506002960>

Study of the toxicological impact of different components of ash-heap water (sulphur rich phenolic leachate) using luminescent bacteria as test organisms

Kahru, Anne; Kurvet, M.; Kurvet, Imbi Oil shale 1997 / 4, Special, p. 469-475

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/0273122396002922>

Surface carboxylation or PEGylation decreases CuO nanoparticles' cytotoxicity to human cells in vitro without compromising their antibacterial properties

Kubo, Anna-Liisa; **Vasiliev, Grigory;** Vija, Heiki; Krištal, Jekaterina; **Tõugu, Vello;** Visnapuu, Meeri; Kisand, Vambola; **Kahru, Anne;** Bondarenko, Olesja Archives of toxicology 2020 / p. 1561-1573 : ill <https://doi.org/10.1007/s00204-020-02720-7>

Synthesis and antibacterial efficiency of chitosan–copper oxide nanocomposites

Laanoja, Jüri; Sihtmäe, Mariliis; Otsus, Maarja; Kahru, Anne; Kasemets, Kaja International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092035>

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 growth rate control in Escherichia coli at near to maximum growth rates : the A-stat approach

Paalme, Toomas; Elken, R.; **Kahru, Anne; Vanatalu, Kalju; Vilu, Raivo** Antonie van Leeuwenhoek journal of microbiology 1997 / p. 217-230: ill

The toxicity of brewed coffee according to the ecotoxicological tests

Ivask, Angela; Reiman, Rain; Rätsep, Annely; Maloverjan, Alla; Laht, Mailis; 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. 54

Toxicity of 39 MEIC chemicals to bioluminescent Photobacteria (the Biotox™ test) : correlation with other test systems

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

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 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

Toxicological study of Lithuanian and Estonian wastewaters using a battery of microbiotests

Balkelyte, L.; **Blinova, Irina; Kahru, Anne** 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. 71

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