

Agricultural activity and river water quality

Vassiljev, Anatoli; Blinova, Irina International conference HYDROTOP 99 : Marseille, France, June 15-17, 1999 / p. 181-187

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 / I. 60

Assessment of the hazard of nine (doped) lanthanides-based ceramic oxides to four aquatic species

Blinova, Irina; Vija, Heiki; Lukjanova, Aljona; Muna, Marge; Syvertsen-Wiig, Guttorm; Kahru, Anne Science of the total environment 2018 / p. 1171-1176 : ill <https://doi.org/10.1016/j.scitotenv.2017.08.274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atomic layer deposition of titanium oxide films on As-synthesized magnetic Ni particles: magnetic and safety properties

Uudeküll, Peep; Kozlova, Jekaterina; Mändar, Hugo; Link, Joosep; Sihtmäe, Mariliis; Käosaar, Sandra; Blinova, Irina; Kasemets, Kaja; Kahru, Anne; Stern, Raivo Journal of magnetism and magnetic materials 2017 / p. 299-304 : ill <https://doi.org/10.1016/j.jmmm.2017.01.045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotestide kasutamine keskkonnaseisundi hindamisel

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

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

Combined effects of test media and dietary algae on the toxicity of CuO and ZnO nanoparticles to freshwater microcrustaceans daphnia magna and heterocypris incongruens : food for thought

Muna, Marge; Blinova, Irina; Kahru, Anne; Vrček, Ivana Vinković; Pem, Barbara; Orupõld, Kaja; Heinlaan, Margit Nanomaterials 2019 / art. 23 <https://doi.org/10.3390/nano9010023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of the sensitivity of toxicity tests test species for toxicity evaluation of various environmental samples

Blinova, Irina New Microbiotests for Routine Toxicity Screening and Biomonitoring 2000 / p. 217-220

Drained peat soils as diffuse nutrient source

Vassiljev, Anatoli; Blinova, Irina First MONERIS user conference : Nutrient Fluxes in River Basins - State of Play and Perspectives : Berlin, November 18th-20th, 2009 2009 / p. 3-4

Drained peat soils as source of diffuse pollution

Vassiljev, Anatoli; Blinova, Irina Hydrology : from Research to Water Management : XXVI Nordic Hydrological Conference, Nordic Association for Hydrology, Riga, Latvia, August 9-11, 2010 2010 / p. 108-109

Ecotoxicity of nanosized magnetite to crustacean Daphnia magna and duckweed Lemna minor

Blinova, Irina; Kanarbik, Liina; Irha, Natalja; Kahru, Anne Hydrobiologia 2017 / p. 141-149 : ill <https://doi.org/10.1007/s10750-015-2540-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecotoxicological evaluation of shale fuel oils, metal-based nanoparticles and glyphosate formulations =

Põlevkivikütteõlide, metalliliste nanoosakeste ja glüfosaadipõhiste herbitsiidide ökotoksikoloogilised uuringud

Kanarbik, Liina 2017 <https://digi.lib.ttu.ee/i/27180> https://www.ester.ee/record=b4649796*est

Effect of eutrophication on toxicity of metallic nanoparticles to daphnia magna [Online resource]

Muna, Marge; Heinlaan, Margit; Blinova, Irina; Kahru, Anne Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

Environmental effects of soil contamination by shale fuel oils

Kanarbik, Liina; Blinova, Irina; Sihtmäe, Mariliis; Künnis-Beres, Kai; Kahru, Anne Environmental science and pollution research 2014 / p. 11320-11330 : ill <https://doi.org/10.1007/s11356-014-3043-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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](#)

E-SovTox : veebipõhine andmebaas venekeelses teaduskirjanduses publitseeritud kemikaalide (öko)toksikoloogia-alaste andmete kohta

Sihtmäe, Mariliis; Blinova, Irina; Aruoja, V.; Kahru, Anne XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 93

Evaluation of the effect of test medium on total Cu body burden of nano CuO-exposed *Daphnia magna*: A TXRF spectroscopy study

Muna, Marge; Heinlaan, Margit; Blinova, Irina; Vija, Heiki; Kahru, Anne Environmental pollution 2017 / p. 1488-1496 : ill

<https://doi.org/10.1016/j.envpol.2017.07.083> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Evaluation of the potential hazard of manufactured metal-based nanomaterials to health of aquatic ecosystems: state of the art

Blinova, Irina; **Muna, Marge;** Lukjanova, Aljona; Kahru, Anne Journal of international scientific publications : ecology & safety 2018 / p. 174-182 : ill <https://www.scientific-publications.net/en/article/1001659/>

Exposure of freshwater zooplankton to copper nanoparticles : toxicity and copper body burden

Muna, Marge; Heinlaan, Margit; Vija, Heiki; Blinova, Irina; Kahru, Anne 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 33 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Fine-scale pattern of the decomposition, compaction and accumulation of organic matter in Sphagnum hummocks (Nigula bog, SW Estonia)

Blinova, Irina; Ilomets, M.; Lukjanova, A.; **Treumann, Maili; Viitak, Anu** Proc. 12th International Peat Congress : Tampere, Finland, 6-11 June, 2004 2004 / p. 972-976

Hazard evaluation of metal-based nanoparticles and lanthanides with freshwater microcrustaceans = Metalliliste nanoosakeste ja lantaniidide kahjulikkuse hindamine magevee pisivähkidega

Muna, Marge 2019 <https://digi.lib.ttu.ee/i/?11634>

Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity

Heinlaan, Margit; Kasemets, Kaja; Aruoja, Villem; Blinova, Irina; Bondarenko, Olesja; Lukjanova, Aljona; Khosrovyan, Alla; Kurvet, Imbi; Pullerits, Mirjam; Sihtmäe, Mariliis; **Vassiljev, Grigory;** Vija, Heiki; Kahru, Anne Science of the total environment 2020 / art. 136073, 7 p. : ill <https://doi.org/10.1016/j.scitotenv.2019.136073> Journal metrics at Scopus Article at Scopus Journal metrics at Scopus

[Article at WOS](#)

Investigation of effluence from drained peatlands on diffuse nutrient load from watershed

Vassiljev, Anatoli; Blinova, Irina; Ennet, Peeter; Ilomets, M. Book of abstracts : 12th International Conference on Integrated Diffuse Pollution Management (IWA DIPCON 2008) : Thailand, 25-29 August 2008 2008 / [6] p

Investigation of the nutrients source apportionment

Vassiljev, Anatoli; Blinova, Irina; Vennik, Kersti Nordic Hydrological Conference : Uppsala, Sweden, 26-30 June 2000. Vol. 1 2000 / p. 215-222 : ill

Investigation of the temporal changes in the nutrient pollution load from the small watersheds in Estonia

Blinova, Irina; Vassiljev, Anatoli Proc. 8th IWA International Conference on Diffuse/Nonpoint Pollution : 24-29 Oct. 2004, Kyoto, Japan 2004 / p. 893-900

Investigation of trends of concentrations in Estonian rivers and emission coefficients

Vassiljev, Anatoli; Blinova, Irina Nordic Hydrological Conference : Uppsala, Sweden, 26-30 June 2000. Vol. 1 2000 / p. 208-214 : ill

Lake Peipsi

Nõges, Tiina; **Leisk, Ülle; Loigu, Enn; lital, Arvo; Hannus, Maila; Vassiljev, Anatoli; Blinova, Irina** 2001

https://www.ester.ee/record=b1487291*est

Load on the Gulf of Finland of the pollutants coming from the territory of Estonia

Blinova, Irina; Loigu, Enn International Symposium on Finnish Gulf-96, 15-17 October 1996, Sankt-Peterburg 1996 / p. 31-33

Macrophyte in the Estonian surface water biomonitoring system : Ph.D Thesis in Geography

Blinova, Irina 1994

Macrophytes in the biological monitoring of small rivers

Blinova, Irina; Vassiljev, Anatoli 10th International Specialised Conference on Diffuse Pollution and Sustainable Basin Management : Sep. 18-22, 2006, Istanbul, Turkey 2006 / [8] p

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](#)

Modeling of wash-off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; Blinova, Irina Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia 1994 / p. 160-165: ill

Modeling wash off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; Blinova, Irina Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 44-45: ill

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

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](#)

Narva elektrijaamade tuhaheitmete keskkonnamõjud : kombineeritud geokeemiline ja ökotoksikoloogiline uuring

Käkinen, Aleksandr; Blinova, Irina; Ivask, Angela; Kasemets, K.; **Bitjukova, Liidia**; Aruoja, V.; Kurvet, Imbi; Mortimer, Monika; Bondarenko, Olesja; Sihtmäe, Mariliis; Kahru, Anne XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 53

Overview of water quality problems in Estonia with the focus on drained peat areas as a source of nitrogen

Vassiljev, Anatoli; Blinova, Irina Understanding Freshwater Quality Problems in a Changing World : [proceedings] 2013 / p. 69-76 : ill

Peipsi järve reostuskoormus

Blinova, Irina; Iital, Arvo; Loigu, Enn Peipsi 1999 / lk. 81-83

Pollution sources and load on rivers

Blinova, Irina; Iital, Arvo Present and potential production of salmon in Estonian rivers 2001 / p. 15-21

"Protection of the Coastal Wetland Area - Matsalu Catchment Area" : Estonian-Swedish Joint Project

Frisen, Rune; **Velner, Harald-Adam**; **Loigu, Enn**; **Blinova, Irina**; **Leisk, Ülle**; **Suurskask, Valdu**; **Iital, Arvo**; **Lääne, Ain**; **Merisaar, Maret**; **Krutova, Svetlana** 1995 https://www.ester.ee/record=b1465942*est

Reduced nitrogen loading enhance cyanobacterial blooms in Lake Peipsi

Nõges, Tiina; **Blinova, Irina**; Jastremski, V.; Laugaste, Reet; **Loigu, Enn**; Skakalski, Boris; Tõnno, Ilmar Second International Conference : Sustainable Management of Transboundary Waters in Europe 2002 / p. 397-416

Reduced nitrogen loading enhance cyanobacterial blooms in Lake Peipsi

Nõges, Tiina; **Blinova, Irina**; Jastremski, V.; Laugaste, Reet; **Loigu, Enn**; Skakalski, Boris; Tõnno, Ilmar Sustainable Management of Transboundary Waters in Europe. Convention of the Protection and use of Transboundary Watercourses and International Lakes, Poland, Miedzydroje, 2003 2003 / p. 501-504

Source apportionment of nutrients in Estonian rivers

Vassiljev, Anatoli; Blinova, Irina; Ennet, Peeter 10th International Specialised Conference on Diffuse Pollution and Sustainable Basin Management : Sep. 18-22, 2006, Istanbul, Turkey 2006 / [8] p <https://www.sciencedirect.com/science/article/abs/pii/S0011916408001549>

Source apportionment of nutrients in Estonian rivers

Vassiljev, Anatoli; Blinova, Irina; Ennet, Peeter Desalination 2008 / p. 222-230 : ill <https://www.sciencedirect.com/science/article/pii/S0011916408001549>

The influence of drained peat soils on diffuse nitrogen pollution of surface water

Vassiljev, Anatoli; Blinova, Irina Hydrology research 2012 / p. 352–358 : ill <https://iwaponline.com/hr/article/43/4/352/976/The-influence-of-drained-peat-soils-on-diffuse>

The perspective of microbiotests application for the surface water monitoring and effluents control in Estonia

Blinova, Irina Environmental toxicology and water quality 2000 / 5, p. 385-389

The perspective of microbiotests application in water monitoring system in Estonia

Blinova, Irina 9th International Symposium on Toxicity Assessment : ISTA 9 : Pretoria, South Africa, 26 September to 1 October

The use of modelling for the analysis of river water quality monitoring data

Vassiljev, Anatoli; Blinova, Irina Tallinna Tehnikaülikooli Toimetised 1994 / lk. 24-31: ill

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 silver–chitosan nanocomposites to aquatic microcrustaceans *Daphnia magna* and *Thamnocephalus platyurus* and naturally luminescent bacteria *Vibrio fischeri*

Sihtmäe, Mariliis; **Laanoja, Jüri**; Blinova, Irina; Kahru, Anne; Kasemets, Kaja Nanomaterials 2024 / art. 1193 <https://doi.org/10.3390/nano14141193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 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 / l. 71

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 modeling for analysing of water quality monitoring data

Vassiljev, Anatoli; Blinova, Irina International conference HYDROTOP 94, Marseille, France, April 12-15, 1994 1994 / p. 405-411

Use of two one-dimensional models, describing leach[i]ng of nitrogen, on watershed scale

Vassiljev, Anatoli; Blinova, Irina XXII Nordic Hydrological Conference : Roros, Norway 4-7 August 2002. Vol. I 2002 / p. 249-258 : ill

Water quality

Loigu, Enn; Leisk, Ülle; Hannus, Maila; Blinova, Irina Present and potential production of salmon in Estonian rivers 2001 / p. 21-35 : ill

Оценка источников загрязнения биогенами в реках Эстонии

Vassiljev, Anatoli; Blinova, Irina ЭКВАТЕК2006 Москва : сборник докладов. 1 2006 / с. 337-338

Поступление загрязняющих веществ в водные объекты через атмосферу

Saava, Astrid; Blinova, Irina; Hannus, Maila Прогноз состояния и управление качеством окружающей среды в районах промышленных узлов : Тезисы докладов конференции 1980 / с. 60-62

Содержание тяжелых металлов в макрофитах и донных отложениях малых рек Эстонии

Blinova, Irina; Hansen, Vootele Tallinna Tehnikaülikooli Toimetised 1992 / lk. 25-29: ill