

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](#)

Can isothermal microcalorimetry be used to characterise bacterial growth on prebiotic oligosaccharides?

Adamberg, Signe; Tomson, Katrin; Vija, Heiki; Wadström, T.; Ljungh, A.; **Adamberg, Kaarel** The Intestinal Microbiota and Gut Health : Contribution of the Diet, Bacterial Metabolites, Host Interactions and Impact on Health and Disease : IATA (CSIC), Valencia, Spain, 18th-20th September 2013 : conference proceedings, short communications 2013 / p. 15-17 : ill

Co-metabolism of amino acids and polyfructans by Bacteroides thetaiotaomicron in defined media

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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](#)

Degradation of fructans and production of propionic acid by Bacteroides thetaiotaomicron are enhanced by the shortage of amino acids

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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>

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](#)

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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; **Vasiliev, 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](#)

Levansucrase Lsc3 as a feasible catalyst for the synthesis of novel prebiotics

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Lipase action on some non-triglyceride substrates

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Lipase-catalysed enantioselective hydrolysis : interpretation of the kinetic results in terms of frontier orbital localisation

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Lipase-catalysed enantioselective hydrolysis of bicyclo[3.2.0]heptanol esters in supercritical carbon dioxide

Parve, Omar; **Vallikivi, Imre**; Lahe, Lilja; Metsala, Andrus; **Lille, Ülo**; Tõugu, Vello; Vija, Heiki; **Pehk, Tõnis** Bioorganic & medicinal chemistry letters 1997 / 7, p. 811-816

"Lipolase" allub sekundaarsete alkoholide enantioeelistuse üldisele reeglile nii vesi kui ka superkriitilise SKCO₂ keskkonnas = "Lipolase" obeys the general enantiopreference rule of secondary alcohols in water and supercritical (SC)CO₂ media as well

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Nerve growth factor from Vipera lebetina venom

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Selective antibiofilm properties and biocompatibility of nano-ZnO and nano-ZnO/Ag coated surfaces

Rosenberg, Merilin; Visnapuu, Meeri; Vija, Heiki Scientific reports 2020 / art. 13478, 15 p. : ill <https://doi.org/10.1038/s41598-020-70169-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stable isotope tracing uncovers reduced γ/β -ATP turnover and metabolic flux through mitochondrial-linked phosphotransfer circuits in aggressive breast cancer cells

Klepinin, Aleksandr; **Miller, Sten**; Reile, Indrek; Puurand, Marju; **Rebane-Klemm, Egle; Klepinina, Ljudmila**; Vija, Heiki; Zhang, Song; Terzic, Andre; Dzeja, Petras; Kaambre, Tuuli Frontiers in Oncology 2022 / art. 892195 <https://doi.org/10.3389/fonc.2022.892195> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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>

Synergistic antibacterial effect of copper and silver nanoparticles and their mechanism of action

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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 <http://dx.doi.org/10.3390/ma10070754>

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

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