

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?

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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

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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

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Evaluation of the potential hazard of lanthanides to freshwater microcrustaceans

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

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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

Parve, Omar; **Vallikivi, Imre**; Metsala, Andrus; **Lille, Ülo**; Töugu, Vello; Sikk, Peeter; **Käämbre, Tuuli**; Vija, Heiki; **Pehk, Tõnis** Tetrahedron 1997 / 13, p. 4889-4900

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 sekundaarse alkoholide enantioelistuse 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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Plastic contamination in Estonia: novel plasticizers and microplastics in Estonian wastewater treatment plants

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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](#)

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>

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

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

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

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

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