

### **Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts**

Sihtmäe, Mariliis; **Silm, Estelle**; **Kriis, Kadri**; Kahru, Anne; **Kanger, Tõnis** ChemSusChem 2022 / art. e202201045, 5 p. : ill  
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### **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 24 L-phenylalanine derived surface-active ionic liquids (SAILs) towards two clinically relevant pathogens**

**Kusumahastuti, Dewi Kurnianingsih Arum**; Sihtmäe, Mariliis; Gathergood, Nicholas; Kahru, Anne Journal of international scientific publications : ecology & safety 2019 / p. 16-28 : ill <https://www.scientific-publications.net/en/article/1001856/>

### **Antibacterial activity of of L-Phenylalanine derived ionic liquids [Online resource]**

**Kusumahastuti, Dewi Kurnianingsih Arum**; **Sihtmäe, Mariliis**; **Kapitanov, Illia**; **Karpichev, Yevgen**; **Gathergood, Nicholas**; 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://fntdk.ut.ee/teesid-2018/>

### **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**

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### **Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites**

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### **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  
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### **Ecotoxicity profiling of a library of 24 L-phenylalanine derived surface-active ionic liquids (SAILs)**

**Kusumahastuti, Dewi Kurnianingsih Arum**; Sihtmäe, Mariliis; Aruoja, Villem; **Gathergood, Nicholas**; Kahru, Anne Sustainable chemistry and pharmacy 2021 / art. 100369, 10 p <https://doi.org/10.1016/j.scp.2020.100369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **(Eco)toxicological and Antibacterial Effects of 24 L-Phenylalanine Derived Ionic Liquids against Marine and Clinically Relevant Bacteria**

**Kusumahastuti, Dewi Kurnianingsih Arum**; Sihtmäe, Mariliis; **Kapitanov, Illia**; **Karpichev, Yevgen**; Kahru, Anne; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 74  
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### **(Eco)toxicological information on REACH-relevant chemicals : contribution of alternative methods to in vivo approaches**

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### **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

### **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](#)

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### **Narva elektrihaiguste 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

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

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### **Orgaaniliste jäätmete energeetiline potentsiaal ja selle kasutamise võimalusi Saare maakonnas**

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### **Porphyrin-based (chir)optical sensing of amino-functionalized thiourea organocatalysts**

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### **Silver-chitosan nanocomposites for biomedical application : design, synthesis and antimicrobial efficiency**

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### **Study of the development of bacterial resistance to silver-chitosan nanocomposites and cross-resistance to common antibiotics**

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### **Synthesis and antibacterial efficiency of chitosan-copper oxide nanocomposites**

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

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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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### **Toxicity profiling of 24 L-phenylalanine derived ionic liquids based on pyridinium, imidazolium and cholinium cations and**

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**Toxicological effects of 24 L-Phenylalanine derived ionic liquids against marine and clinically relevant bacteria**

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