

### **Ag-ions play the main role in silver nanoparticles toxicity in the ciliate *Tetrahymena thermophila***

**Juganson, Katre;** Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupõld, Kaja; Kahru, Anne NanoImpact Conference : program and abstract Book 2017 / p. 67

### **Ag-ions play the main role in silver nanoparticles toxicity in the ciliate *Tetrahymena thermophila* [Online resource]**

**Juganson, Katre;** Mortimer, Monika; Ivask, Angela Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmtdk.ut.ee/teesid/>

### **Ecotoxicological impacts of industrially relevant engineered nanomaterials : effects on *Tetrahymena thermophila* = Tööstuslike nanomaterjalide keskkonnatoxisilise hindamine : nanoosakeste mõju algloomale *Tetrahymena thermophila***

**Juganson, Katre** 2018 <https://digi.lib.ttu.ee/search/> [https://www.ester.ee/record=b5056136\\*est](https://www.ester.ee/record=b5056136*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**

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### **Extracellular conversion of silver ions into silver nanoparticles by protozoan *Tetrahymena thermophila***

**Juganson, Katre;** Mortimer, Monika; Ivask, Angela; Kasemets, Kaja; Kahru, Anne Environmental Sciences: Processes and Impacts 2013 / p. 244 - 250 <https://doi.org/10.1039/c2em30731f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Identification and characterization of a naturally occurring 11R-lipoxygenase**

**Järving, Reet;** Mortimer, Monika; Brash, Alan R.; **Samel, Nigulas;** **Järving, Ivar** Prostaglandins & other lipid mediators 2006 / 1/2, p. 184 [https://www.researchgate.net/publication/278279948\\_Identification\\_and\\_characterization\\_of\\_a\\_naturally\\_occurring\\_11R-lipoxygenase](https://www.researchgate.net/publication/278279948_Identification_and_characterization_of_a_naturally_occurring_11R-lipoxygenase)

### **Identification and characterization of a naturally occurring 11R-lipoxygenase**

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**Käkinen, Aleksandr;** Ding, Feng; Chen, Pengyu; Mortimer, Monika; Kahru, Anne; Ke, Pu Chun Nanotechnology 2013 / art. 345101 <https://doi.org/10.1088/0957-4484/24/34/345101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Mechanisms of toxic action of silver nanoparticles in the protozoan *Tetrahymena thermophila* : from gene expression to phenotypic events**

**Juganson, Katre;** Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupõld, Kaja; Kahru, Anne Environmental pollution 2017 / p. 481-489 : ill <https://doi.org/10.1016/j.envpol.2017.03.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**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

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**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

### **Photocatalytic antibacterial activity of nano-TiO<sub>2</sub> (anatase)-based thin films : effects on *Escherichia coli* cells and fatty**

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## Toxicity of Ag, CuO and ZnO nanoparticles to selected environmentally relevant test organisms and mammalian cells in vitro : a critical review

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