

A comprehensive review on biological properties of citrinin

Oliveira Filho, José Williams Gomes de; Islam, Muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; de Oliveira Santos, Jose Victor; Oliveira Barros de Alencar, Marcus Vinícius; Gomes, Antonio Luiz, Júnior; Paz, Márcia Fernanda Correia Jardim; Dos Remédios Mendes De Brito, Maria; Gupta, Vijai Kumar Food and chemical toxicology 2017 / p. 130-141 : ill
<https://doi.org/10.1016/j.fct.2017.10.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of Chaetomium globosum, Ch. cochliodes and Ch. rectangulare during the Diversity Tracking of Mycotoxin-Producing Chaetomium-like Isolates Obtained in Buildings in Finland

Salo, Marja Johanna; Kedves, Orsolya; Mikkola, Raimo; Kredics, Laszlo; Andersson, Maria A.; **Kurnitski, Jarek**; Salonen, Heidi Toxins 2020 / art. 443, 22 p. <https://doi.org/10.3390/toxins12070443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Epidemiologically relevant phthalates affect human endometrial cells in vitro through cell specific gene expression changes related to the cytoskeleton and mitochondria

Visser, Nadja; Silva, Antero Vieira; Tarvainen, Ilari; Damdimopoulos, Anastasios; Davey, Eva; **Roos, Kristine**; Björvang, Richelle D.; Kallak, Theodora Kunovac; Lager, Susanne; Lavogina, Darja; Laws, Mary; Pilttonen, Terhi; Salumets, Andres; Flaws, Jodi A.; Öberg, Mattias; **Velthut-Meikas, Agne** Reproductive toxicology 2024 / art. 108660 <https://doi.org/10.1016/j.reprotox.2024.108660> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An evaluation of boar spermatozoa as a biosensor for the detection of sublethal and lethal toxicity

Castagnoli, Emmanuelle; Salo, Johanna; Toivonen, Matti S.; **Kurnitski, Jarek** Toxins 2018 / art. 463, 15 p. : ill
<https://doi.org/10.3390/toxins10110463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Growth, toxin content and production of Dinophysis norvegica in cultured strains isolated from Funka Bay (Japan)

Nagai, Satoshi; Basti, Leila; Uchida, Hajime; Kuribayashi, Takanori; Natsuike, Masafumi; **Sildever, Sirje**; Nakayama, Natsuko; Lum, Wai Mun; Matsushima, Ryui Toxins 2023 / art. 318 <https://doi.org/10.3390/toxins15050318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Health risk assessment of the European inhabitants exposed to contaminated ambient particulate matter by potentially toxic elements

Broomandi, P.; Rodriguez-Seijo, A.; **Janatian, Nasim**; Fathian, A.; Tleuken, A.; Mohammadpour, K.; Galan-Madruga, D.; Jahanbakhshi, A.; Satyanaga, A.; Bagheri, M.; Morawska, L.; **Jong Ryeol Kim** Environmental pollution 2023 / art. 121232
<https://doi.org/10.1016/j.envpol.2023.121232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of phthalate mixture exposure targets in the human and mouse ovary in vitro

Tarvainen, Ilari; Soto, Delia A.; Laws, Mary J.; Björvang, Richelle D.; Damdimopoulos, Anastasios; **Roos, Kristine**; Li, Tianyi; Kramer, Stav; Li, Zhong; **Velthut-Meikas, Agne** Reproductive toxicology 2023 / art. 108393, 13 p. : ill
<https://doi.org/10.1016/j.reprotox.2023.108393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation on the mancozeb toxicity in adult zebrafish (Danio rerio)

Mendes, Ellen Jaqueline; Mazon, Samara Cristina; Marsaro, Isabella Bodanese; Hermes, Maria Eduarda; **Sachett, Adrieli**; Bertinello, Kanandra Taisa; de Moura, Fernando Rafael; da Silva Júnior, Flavio Manoel Rodrigues; Müller, Liz Girardi; Lima-Rezende, Cássia Alves Journal of Toxicology and Environmental Health - Part A: Current Issues 2024 / p. 616 - 629
<https://doi.org/10.1080/15287394.2024.2352787> [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; Orupöld, 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](#)

Natural water as the test medium for Ag and CuO nanoparticle hazard evaluation : an interlaboratory case study

Heinlaan, Margit; **Muna, Marge**; Knöbel, Melanie Environmental pollution 2016 / p. 689-699 : ill
<https://doi.org/10.1016/j.envpol.2016.06.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

N-substituted arylhydroxamic acids as acetylcholinesterase reactivators

Bondar, Denys; Kapitanov, Illia; Pulkrabkova, Lenka; Soukup, Ondrej; Jun, Daniel; Botelho, Fernanda D.; Franca, Tanos C.C.; Kuca, Kamil; **Karpichev, Yevgen** *Chemico-Biological Interactions* 2022 / art. 110078, 13 p. : ill

<https://doi.org/10.1016/j.cbi.2022.110078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical method and biochemical source for the assessment of the middle-molecule uremic toxin β 2-microglobulin in spent dialysate

Paats, Joosep; Adoberg, Annika; **Arund, Jürgen; Fridolin, Ivo; Lauri, Kai;** Leis, Liisi; **Luman, Merike; Tanner, Risto** *Toxins* 2021 / art. 255, 15 p. : ill <https://doi.org/10.3390/toxins13040255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

An optical method for serum calcium and phosphorus level assessment during Hemodialysis

Holmar, Jana; Uhlin, Fredrik; Fernström, Anders; **Luman, Merike;** Jankowski, Joachim; **Fridolin, Ivo** *Toxins* 2015 / p. 719-727

<https://doi.org/10.3390/toxins7030719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pb-210 and Po-210 atmospheric releases via fly ash from oil shale-fired power plants

Vaasma, Taavi; **Loosaar, Jüri;** Gyakwaa, Francis; Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry *Environmental pollution* 2017 / p. 210-218 : ill <https://doi.org/10.1016/j.envpol.2016.12.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Article at WOS](#)

A phantom pig abdomen as an alternative for testing robotic surgical systems : our experience

Ristolainen, Asko; Colucci, Gianluca; **Kruusmaa, Maarja** *ATLA = Alternatives to laboratory animals* 2013 / p. 359-367

<https://doi.org/10.1177/026119291304100506> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Profiling of the toxicity mechanisms of coated and uncoated silver nanoparticles to yeast *Saccharomyces cerevisiae* BY4741 using a set of its 9 single-gene deletion mutants defective in oxidative stress response, cell wall or membrane integrity and endocytosis

Käosaar, Sandra; Kahru, Anne; Mantecca, Paride; Kasemets, Kaja *Toxicology in vitro* 2016 / p. 149-162 : ill

<https://doi.org/10.1016/j.tiv.2016.05.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals

Johansson, Hanna K. L.; Damdimopoulou, Pauliina; Jääger, Kersti; **Velthut-Meikas, Agne** *Archives of toxicology* 2020 / p. 3359–

3379 <https://doi.org/10.1007/s00204-020-02834-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Screening mold colonies by using two toxicity assays revealed indoor strains of *Aspergillus calidoustus* producing Ophiobolins G and K

Salo, Marja Johanna; Marik, Tamas; Bencsik, Ottó; Mikkola, Raimo; Kredics, Laszlo; Szekeres, András; Andersson, Maria A.;

Salonen, Heidi; **Kurnitski, Jarek** *Toxins* 2019 / art. 683, 16 p. : ill <https://doi.org/10.3390/toxins11120683> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable ionic liquids-based molecular platforms for designing acetylcholinesterase reactivators

Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas; Spulak, Marcel; Pour, Milan; Soukup, Ondrej; Marek, Jan; Jun, Daniel; Novak, Martin; Diz de Almeida, Joyce S. F.; Costa Franca, Tanos C.; Kuca, Kamil *Chemico-Biological Interactions* 2023 / art. 110735

<https://doi.org/10.1016/j.cbi.2023.110735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of surface charge and pH on the physiological behaviour of cobalt, copper, manganese, antimony, zinc and titanium oxide nanoparticles in vitro

Titma, Tiina *Toxicology in vitro* 2018 / p. 11-21 : ill <https://doi.org/10.1016/j.tiv.2018.02.010> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

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

Bondarenko, Olesja; **Juganson, Katre;** Ivask, Angela; Kasemets, Kaja; Mortimer, Monika; Kahru, Anne *Archives of Toxicology* 2013 / p. 1181 - 1200 <https://doi.org/10.1007/s00204-013-1079-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Article at WOS](#)

Toxicity of CuO nanoparticles to yeast *saccharomyces cerevisiae* BY4741 wild-type and its nine isogenic single-gene deletion mutants

Kasemets, Kaja; **Suppi, Sandra;** Künnis-Beres, Kai; Kahru, Anne *Chemical Research in Toxicology* 2013 / p. 356 - 367

<https://doi.org/10.1021/tx300467d> [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](#)

[Article at WOS](#)

Treatment with paracetamol can interfere with the intradialytic optical estimation in spent dialysate of uric acid but not of indoxyl sulfate

Adoberg, Annika; **Paats, Joosep**; **Arund, Jürgen**; Dhondt, Annemieke; **Fridolin, Ivo**; Glorieux, Griet; **Holmar, Jana**; Lauri, Kai; Leis, Liisi; **Luman, Merike**; **Pilt, Kristjan**; **Uhlen, Nils Fredrik Arne**; **Tanner, Risto** Toxins 2022 / art. 610

<https://doi.org/10.3390/toxins14090610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vipera lebetina venom nucleases

Trummal, Katrin; Tõnismägi, Külli; **Aaspõllu, Anu**; Siigur, Jüri; Siigur, Ene Toxicon 2016 / p. 39 - 45

<https://doi.org/10.1016/j.toxicon.2016.05.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)