

**ABCE1 is a highly conserved RNA silencing suppressor : [journal article]**

Kärblane, Kairi; Gerassimenko, Jelena; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; Vinkel, Kadri; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; Truve, Erkki; Sarmiento Guerin, Maria Cecilia PLoS ONE 2015 / p. 1-17 : ill

<https://doi.org/10.1371/journal.pone.0116702> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**ADP protects cardiac mitochondria under severe oxidative stress**

Sokolova, Niina; Pan, Shi; Provazza, Sarah; Beutner, Gisela; Vendelin, Marko; Birkedal, Rikke; Sheu, Shey-Shing PLoS ONE 2013 / art. e83214 <https://doi.org/10.1371/journal.pone.0083214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

**Alternative splicing targeting the hTAF4-TAFH domain of TAF4 represses proliferation and accelerates chondrogenic differentiation of human mesenchymal stem cells**

Kazantseva, Jekaterina; Kivil, Anri; Tints, Kairit; Kazantseva, Anna; Neuman, Toomas; Palm, Kaia PLoS ONE 2013 / art. e74799

<https://doi.org/10.1371/journal.pone.0074799> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An analysis of hybrid renewable energy system using HOMER Pro: a case study in Sungai Tiang Camp, Perak**

Fadzli, Nur Farzana Athirah Mohd; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Ismail, Zubir Ahmad Mohd; Sukumaran, Sreenath Journal of advanced research in applied sciences and engineering technology 2023 / p. 79-92 : ill <https://doi.org/10.37934/araset.31.3.7992>

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

**Analyses of non-coding somatic drivers in 2,658 cancer whole genomes**

Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; Uusküla-Reimand, Liis Nature 2020 / 10 p. : ill <https://doi.org/10.1038/s41586-020-1965-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Article at WOS](#)

**Antiviral efficacy of cerium oxide nanoparticles**

Nefedova, Alexandra; Rausalu, Kai; Zusinaite, Eva; Vanetsev, Alexander; Rosenberg, Merilin; Koppel, Kairi; Lilla, Stevin; Visnapuu, Meeri; Smits, Krisjanis; Kisand, Vambola Scientific reports 2022 / art. 18746, 16 p. : ill <https://doi.org/10.1038/s41598-022-23465-6>

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

**Array programming with NumPy**

Harris, Charles R.; Millman, K. Jarrod; van der Walt, Stefan J.; Peterson, Pearu Nature 2020 / p. 357-362

<https://doi.org/10.1038/s41586-020-2649-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessing the potential of participatory modeling for decolonial restoration of an agro-pastoral system in rural zimbabwe**

Eitzel, M.V.; Solera, Jon; Hove, Emmanuel Mhike; Wilson, K.B.; Ndlovu, Abraham Mawere; Ndlovu, Daniel; Changarara, Abraham; Ndlovu, Alice; Neves, Kleber; Veski, André Citizen science : theory and practice 2021 / 16 p. : ill <https://doi.org/10.5334/cstp.339>

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

**Author Correction: Analyses of non-coding somatic drivers in 2,658 cancer whole genomes (Nature, (2020), 578, 7793, (102-111), 10.1038/s41586-020-1965-x)**

Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; Lin, Ziao; Feuerbach, Lars; Sabarinathan, Radhakrishnan; Uusküla-Reimand, Liis Nature 2023 / p. E40

<https://doi.org/10.1038/s41586-022-05599-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author correction: First crystal structure of an endo-levanase – the BT1760 from a human gut commensal Bacteroides thetaiotaomicron (Scientific Reports, (2019), 9, 1, (8443), 10.1038/s41598-019-44785-0)**

Ernits, Karin; Eek, Priit; Lukk, Tiit; Visnapuu, Triinu; Alamäe, Tiina Scientific reports 2019 / art. 17512, 1 p.

<https://doi.org/10.1038/s41598-019-54274-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Genomic basis for RNA alterations in cancer (Nature, (2020), 578, 7793, (129-136), 10.1038/s41586-020-1970-0)**

Calabrese, Claudia; Davidson, Natalie R.; Demircioğlu, Deniz; Fonseca, Nuno A.; He, Yao; Kahles, André; Lehmann, Kjong-Van; Liu, Fenglin; Shiraishi, Yuichi; Soulette, Cameron M.; Urban, Lara; Shiraishi, Yuichi; Uusküla-Reimand, Liis Nature 2023 / p. E37

<https://doi.org/10.1038/s41586-022-05596-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Pan-cancer analysis of whole genomes (Nature, (2020), 578, 7793, (82-93), 10.1038/s41586-020-1969-6)**

Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Agrawal, Nishant; Ahn, Keun Soo; Ahn, Sung-Min; Aikata, Hiroshi; Akbani, Rehan; Akdemir, Kadir Caner; Al-Ahmadie, Hikmat; Uusküla-Reimand, Liis Nature 2023 / p. E39

<https://doi.org/10.1038/s41586-022-05598-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Patterns of somatic structural variation in human cancer genomes (Nature, (2020), 578, 7793, (112-121), 10.1038/s41586-019-1913-9)**

Li, Yilong; Roberts, Nicola D.; Wala, Jeremiah A.; Shapira, Ofer; Schumacher, Steven E.; Kumar, Kiran; Khurana, Ekta; Waszak, Sebastian; Korbel, Jan O.; Haber, James E.; Imielinski, Marcin; Akdemir, Kadir Caner; Uusküla-Reimand, Liis Nature 2023 / p. E38

<https://doi.org/10.1038/s41586-022-05597-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: The evolutionary history of 2,658 cancers (Nature, (2020), 578, 7793, (122-128), 10.1038/s41586-019-1907-7)**

Gerstung, Moritz; Jolly, Clemency; Leshchiner, Ignaty; Dentre, Stefan C.; Gonzalez, Santiago; Rosebrock, Daniel; Mitchell, Thomas J.; Rubanova, Yulia; Anur, Pavana; Yu, Kaixian; Tarabichi, Maxime; Deshwar, Amit; **Uusküla-Reimand, Liis** Nature 2023 / p. E42  
<https://doi.org/10.1038/s41586-022-05601-4> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Author Correction: The repertoire of mutational signatures in human cancer (Nature, (2020), 578, 7793, (94-101), 10.1038/s41586-020-1943-3)**

Alexandrov, Ludmil B.; Kim, Jaegil; Haradhvala, Nicholas J.; Huang, Mi Ni; Tian Ng, Alvin Wei; Wu, Yang; Boot, Arnould; Covington, Kyle R.; Gordenin, Dmitry A.; Bergstrom, Erik N.; Islam, S. M. Ashiqul; **Uusküla-Reimand, Liis** Nature 2023 / p. E41  
<https://doi.org/10.1038/s41586-022-05600-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Beneficial effects of bio-fabricated selenium nanoparticles as seed nanopriming agent on seed germination in rice (Oryza sativa L.)**

Setty, Jyotsna; Samant, Sanjib Bal; **Yadav, Mayank Kumar**; Manjubala, Muthusamy; Pandurangam, Vijai Scientific Reports 2023 / art. 22349 <https://doi.org/10.1038/s41598-023-49621-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bioerosion of inorganic hard substrates in the Ordovician of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark; **Toom, Ursula** PLoS ONE 2015 / art. e0134279, p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0134279>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bryozoan-cnidarian mutualism triggered a new strategy for greater resource exploitation as early as the Late Silurian**

Zapalski, M. K.; Vinn, Olev; **Toom, Ursula**; Ernst, Andrej; Wilson, Mark A. Scientific reports 2022 / art. 15556 ; 9 p. : ill  
<https://doi.org/10.1038/s41598-022-19955-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The BSUIN project**

Jędrzejczak, Karol; Dębicki, Zdzisław; Kasztelan, M.; Marszał, Włodzimierz; Orzechowski, Jerzy; Przybylak, Marika; Tokarski, Przemysław; Jalaś, Panu; Isoherranen, Ville; **Karu, Veiko**; **Paat, Andrus** 36th International Cosmic Ray Conference (ICRC2019) - DM - Dark Matter 2021 / art. 523 <https://pos.sissa.it/358/523/> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Can theories of mental representation adequately explain mental imagery?**

**Issajeva, Jelena** Foundations of Science 2020 / p. 341 - 355 <https://doi.org/10.1007/s10699-019-09613-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges**

**Kalda, Mari**; **Vendelin, Marko** Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Changes in blood B cell-activating factor (BAFF) levels in multiple sclerosis : a sign of treatment outcome**

Kannel, Karin; Alnek, Kristi; Vahter, Liina; **Gross-Paju, Katrin**; Uibo, Raivo; Kisand, Kalle V. PLoS ONE 2015 / art. e0143393  
<https://doi.org/10.1371/journal.pone.0143393> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Changes in the transcriptome of the human endometrial Ishikawa cancer cell line induced by estrogen, progesterone, tamoxifen, and mifepristone (RU486) as detected by RNA-sequencing**

**Tamm-Rosenstein, Karin**; **Simm, Jaak**; **Suhorutšenko, Marina**; Salumets, Andres; **Metsis, Madis** PLoS ONE 2013 / p. 1-13 : ill  
<https://doi.org/10.1371/journal.pone.0068907> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women**

**Drell, Tiina**; **Lillsaar, Triin**; **Tummleht, Lea**; **Simm, Jaak**; **Aaspõllu, Anu**; Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; **Metsis, Madis** PLoS ONE 2013 / p. 1-11 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054379>  
<https://doi.org/10.1371/journal.pone.0054379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation**

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar**; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

**The chromatin determinants and Ph1 gene effect at wheat sites with contrasting recombination frequency**

Majka, Maciej; Janáková, Eva; **Jakobson, Irena**; **Järve, Kadri**; Cápal, Petr; Korchanová, Zuzanna; Lampar, Adam; Juračka, Jakub; Valárik, Miroslav Journal of advanced research 2023 / p. 75-85 <https://doi.org/10.1016/j.jare.2023.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coastal land use planning in Ben Tre, Vietnam : constraints and recommendations**

Nguyen, Tan Phong; **Parnell, Kevin Ellis** Heliyon 2019 / art. e01487, 21 p. : ill <https://doi.org/10.1016/j.heliyon.2019.e01487> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

### **Combined action of albumin and heparin regulates lipoprotein lipase oligomerization, stability, and ligand interactions**

**Risti, Robert**; Gunn, Kathryn H.; **Hiis-Hommuk, Kristofer**; **Seeba, Natjan-Naatan**; **Karimi, Hamed**; **Villo, Ly**; **Vendelin, Marko**; Neher, Saskia B.; **Lõokene, Aivar** PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat**

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative study reveals better far-red fluorescent protein for whole body imaging**

Luker, K. E.; **Pata, Pille**; **Pata, Illar** Scientific reports 2015 / p. 1-9 : ill <https://doi.org/10.1038/srep10332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of the most likely low-emission electricity production systems in Estonia**

**Baird, Zachariah Steven**; **Nešumajev, Dmitri**; **Järvik, Oliver**; Powell, Kody M. PLoS ONE 2021 / e0261780, 37 p <https://doi.org/10.1371/journal.pone.0261780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Competitive binding of natural amphiphiles with graphene derivatives**

Radic, Slaven; Geitner, Nicholas K.; Podila, Ramakrishna; **Käkinen, Aleksandr**; Chen, Pengyu; Ke, Pu Chun; Ding, Feng Scientific reports 2013 / art. 2273 <https://doi.org/10.1038/srep02273> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Conductive ceramic based on the Bi-Sr-Ca-Cu-O HTSC system as an additive to the zinc electrode mass in the rechargeable Ni-Zn batteries – Electrochemical impedance study**

**Stoyanova-Ivanova, Angelina**; **Vasev, Alexander**; **Lilov, Peter**; **Petrova, Violeta**; **Marinov, Yordan**; **Stoyanova, Antonia**; **Ivanova, Galia**; **Mikli, Valdek** Comptes Rendus de L'Academie Bulgare des Sciences 2019 / p. 174-181 <https://doi.org/10.7546/CRABS.2019.02.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Consumer attitudes and concerns with bioplastics use: An international study**

Filho, Walter Leal; Barbir, Jelena; Abubakar, Ismaila Rimi; Paco, Arminda; Stasiskiene, Zaneta; Hornbogen, Marie; Fendt, Maren Theresa Christin; **Voronova, Viktoria**; **Klõga, Marija** PLoS ONE 2022 / art. e0266918 <https://doi.org/10.1371/journal.pone.0266918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Copper(I)-binding properties of de-coppering drugs for the treatment of Wilson disease. $\alpha$ -Lipoic acid as a potential anti-copper agent**

**Smirnova, Julia**; **Kabin, Ekaterina**; **Järving, Ivar**; **Bragina, Olga**; **Tõugu, Vello**; Plitz, Thomas; **Palumaa, Peep** Scientific reports 2018 / art. 1463, 9 p. : ill <https://doi.org/10.1038/s41598-018-19873-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Copper(II)-binding equilibria in human blood**

Kirsipuu, Tiina; Zadorožnaja, Anna; **Smirnova, Julia**; **Friedemann, Merlin**; Plitz, Thomas; **Tõugu, Vello**; **Palumaa, Peep** Scientific reports 2020 / art. 5686, 10 p. : ill <https://doi.org/10.1038/s41598-020-62560-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Copulation in antiarch placoderms and the origin of gnathostome internal fertilization**

Long, John A.; **Mark-Kurik, Elga**; Johanson, Zerina Nature 2014 / p. 196–199, [9] p. ext. data : ill <https://doi.org/10.1038/nature13825> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Correlation between electroencephalographic markers in the healthy brain**

**Päeske, Laura**; **Uudeberg, Tuuli**; **Hinrikus, Hiie**; **Lass, Jaanus**; **Bachmann, Maie** Scientific reports 2023 / art. 6307 <https://doi.org/10.1038/s41598-023-33364-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cross-bridge group ensembles describing cooperativity in thermodynamically consistent way**

**Kalda, Mari**; **Peterson, Pearu**; **Vendelin, Marko** PLoS ONE 2015 / p. 1-26 : ill <https://doi.org/10.1371/journal.pone.0137438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Death spiral of the legacy grid : a game-theoretic approach for studying grid defection**

**Navon, Aviad**; **Belikov, Juri**; **Ofir, Ron**; **Parag, Yael**; **Orda, Ariel**; **Levron, Yoash** iScience 2023 / art. 106415, 17 p. : ill <https://doi.org/10.1016/j.isci.2023.106415> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Degradation of a poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV) compound in different environments

**Lyshtva, Pavlo; Voronova, Viktoria;** Barbir, Jelena; Filho, Walter Leal; Kröger, Silja Denise; Witt, Gesine; Miksch, Lukas; Sabowski, Reinhard; Gutow, Lars; Frank, Carina Heliyon 2024 / art. e24770 <https://doi.org/10.1016/j.heliyon.2024.e24770> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Deriving and formalizing requirements of decentralized applications for inter-organizational collaborations on blockchain

Udokwu, Chibuzor; **Norta, Alexander** Arabian journal for science and engineering 2021 / p. 8397–8414 <https://doi.org/10.1007/s13369-020-05245-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Detection and characterization of tick-borne encephalitis virus in Baltic Countries and Eastern Poland

Katargina, Olga; Russakova, Stanislava; **Geller, Julia;** Kondrusik, Macije; Zajkowska, Joanna; Zygutiene, Milda; Bormane, Antra; Trofimova, Julia; Golovljova, Irina PLoS ONE 2013 / art. e61374 <https://doi.org/10.1371/journal.pone.0061374> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Determination and production of antimicrobial compounds by *Aspergillus clavatonanicus* strain MJ31, an endophytic fungus from *Mirabilis jalapa* L. using UPLC-ESI-MS/MS and TD-GC-MS analysis

Mishra, Vineet Kumar; Passari, Ajit Kumar; Chandra, Preeti; Leo, Vincent Vineeth; Kumar, Brijesh; Uthandi, Sivakumar; Thankappan, Sugitha; **Gupta, Vijai Kumar;** Singh, Bhim Pratap PLoS ONE 2017 / art. e0186234, 24 p. <https://doi.org/10.1371/journal.pone.0186234> <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0268371> <https://www.scopus.com/record/display.uri?eid=2-s2.0-85131462947&origin=inward&txId=09dcb2e6296ce2f331ac4a8a8f9cf8d6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Differential patterns of cross-reactive antibody response against SARS-CoV-2 spike protein detected for chronically ill and healthy COVID-19 naïve individuals

**Jaago, Mariliis; Rähni, Annika;** Pupina, Nadezda; **Sadam, Helle;** Tuvikene, Jürgen; Avarlaid, Annela; Planken, Anu; Planken, Margus; Haring, Liina; Vasar, Eero; Bacevic, Miljana; Lambert, France; Kalso, Eija; Pussinen, Pirkko; Tienari, Pentti J.; Vaheri, Antti; Lindholm, Dan; **Timmusk, Tõnis;** Ghaemmaghami, Amir M.; Palm, Kaia Scientific reports 2022 / art. 16817 : ill <https://doi.org/10.1038/s41598-022-20849-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Differential phosphorylation determines the repressor and activator potencies of GLI1 proteins and their efficiency in modulating the HPV life cycle

Piirsoo, Alla; **Pink, Anne; Kasak, Lagle;** Kala, Martin; Kasvandik, Sergo; Ustav, Mart; Piirsoo, Marko PLoS ONE 2019 / art. e0225775, 21 p. : ill <https://doi.org/10.1371/journal.pone.0225775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Diversity and stability of lactic acid bacteria in rye sourdoughs of four bakeries with different propagation parameters

**Viard, Ene; Bessmeltseva, Marianna; Simm, Jaak;** Talve, Tiina; **Aaspõllu, Anu; Paalme, Toomas; Sarand, Inga** PLoS ONE 2016 / art. e0148325 <https://doi.org/10.1371/journal.pone.0148325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Does being stricter mean doing better? Different effects of environmental policy stringency on quality of life, green innovation, and international cooperation

Prokop, Viktor; **Gerstlberger, Wolfgang Dieter;** Vrabcová, Pavla; Zapletal, David; Sein, Yee Yee Heliyon 2023 / art. e16388 <https://doi.org/10.1016/j.heliyon.2023.e16388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Downward migrating microplastics in lake sediments are a tricky indicator for the onset of the Anthropocene

Dimante-Deimantovica, Inta; Saarni, Saija; Barone, Marta; **Buhhalko, Natalja; Stivrins, Normunds;** Suhareva, Natalija; Tylmann, Wojciech; Vianello, Alvise; Vollertsen, Jes Science advances 2024 / art. eadi8136 <https://doi.org/10.1126/sciadv.adi8136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Droplet-based digital antibiotic susceptibility screen reveals singlecell clonal heteroresistance in an isogenic bacterial population

**Scheler, Ott;** Makuch, Karol; Debski, Pawel R.; **Smolander, Olli-Pekka** Scientific reports 2020 / art. 3282, 8 p. : ill <https://doi.org/10.1038/s41598-020-60381-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### EGFR signaling promotes $\beta$ -cell proliferation and survivin expression during pregnancy

Hakonen, Elina; Ustinov, Jarkko; **Palgi, Jaan;** Miettinen, Päivi J.; Otonkoski, Timo PLoS ONE 2014 / art. e93651, 11 p. : ill <https://doi.org/10.1371/journal.pone.0093651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Endobiotic rugosan symbionts in stromatoporoids from the Sheinwoodian (Silurian) of Baltica

Vinn, Olev; **Mõtus, Mari-Ann** PLoS ONE 2014 / art. e90197, 7 p. : ill <https://doi.org/10.1371/journal.pone.0090197> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Energy-efficiency of cardiomyocyte stimulation with rectangular pulses

**Laasmaa, Martin;** Lu, Pengfei; Veletic, Mladen; Louch, William Edward; Bergsland, Jacob; Balasingham, Ilango; **Vendelin, Marko** Scientific reports 2019 / art. 13307, p. 1–9 <https://doi.org/10.1038/s41598-019-49791-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

---

**Enhancement of disease resistance, growth potential, and photosynthesis in tomato (*Solanum lycopersicum*) by inoculation with an endophytic actinobacterium, *Streptomyces thermocarboxydus* strain BPSAC147**  
Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi; Malik, Jahangir Ahmed; As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill <https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Erratum: author correction: Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India (Scientific reports (2018) 8 1 (3560))**  
Saikia, Juthika; Sarma, Rupak K.; Dhandia, Rajashree; Yadav, Archana; Bharali, Rupjyoti; **Gupta, Vijai Kumar**; Saikia, Ratul Scientific reports 2018 / art. 7000, 1 p. <https://doi.org/10.1038/s41598-018-25174-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))**  
Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap** Scientific reports 2018 / art. 4650, 1 p. <https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evolution of bacterial consortia in spontaneously started rye sourdoughs during two months of daily propagation**  
**Bessmeltseva, Marjanna; Vliard, Ene; Simm, Jaak; Paalme, Toomas; Sarand, Inga** PLoS ONE 2014 / p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0095449> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental dataset on aluminium wedge slamming: Measurements of acceleration, pressure, strain, and video data**  
**Hosseinzadeh, Saeed; Tabri, Kristjan; Sahk, Tarmo; Teär, Ruttar** Data in brief 2024 / art. 110818 <https://doi.org/10.1016/j.dib.2024.110818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Exploring the conserved role of MANF in the unfolded protein response in *Drosophila melanogaster***  
Lindström, Riitta; Lindholm, Päivi; Kallijärvi, Jukka; **Palgi, Mari**; Saarma, Mart; Heino, Tapio I. PLoS ONE 2016 / art. e0151550, p. 1-18 : ill <https://doi.org/10.1371/journal.pone.0151550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fast shoreline erosion induced by ship wakes in a coastal lagoon : field evidence and remote sensing analysis**  
Zaggia, Luca; Lorenzetti, Giuliano; Manfe, Giorgia; **Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill <https://doi.org/10.1371/journal.pone.0187210> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**First crystal structure of an endo-levanase - the BT1760 from a human gut commensal *Bacteroides thetaiotaomicron***  
Ernits, Karin; **Eek, Priit; Lukk, Tiit** Scientific reports 2019 / art. 8443, 13 p. : ill <https://doi.org/10.1038/s41598-019-44785-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fish under pressure : Examining behavioural responses of Iberian barbel under simulated hydropeaking with instream structures**  
Costa, Maria Joao; **Fuentes-Pérez, Juan Francisco**; Boavida, Isabel; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. PLoS ONE 2019 / art. e021111525, 25 p. : ill <https://doi.org/10.1371/journal.pone.0211115> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A fish-friendly axial flow pump turns out to be eel safe, roach unfriendly and bream unsafe**  
Bruneel, Stijn; Pauwels, Ine S.; **Broos, Sarah**; Vandamme, Lore; Van Wichelen, Jeroen; Coeck, Johan; **Toming, Gert; Tuhtan, Jeffrey Andrew**; Buysse, David Scientific reports 2024 / art. 30234, 18 p. : ill <https://doi.org/10.1038/s41598-024-81095-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Formal safety versus real safety : quantitative and qualitative approaches to safety culture - evidence from Estonia**  
**Järvis, Marina**; Virovere, Anu; **Tint, Piia** Proceedings of the Latvian Academy of Sciences. Section B, Natural, exact, and applied sciences 2016 / p. 269-277 : ill <https://doi.org/10.1515/prolas-2016-0042> [Journal metrics at Scopus](#) [Article at Scopus](#)

**4-pyridoxic acid in the spent dialysate : contribution to fluorescence and optical monitoring**  
**Kalle, Sigrid; Tanner, Risto; Arund, Jürgen; Tomson, Ruth; Luman, Merike; Fridolin, Ivo** PLoS ONE 2016 / art. e0162346, p. 1-11 : ill <https://doi.org/10.1371/journal.pone.0162346> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The Fuchs corneal dystrophy-associated CTG repeat expansion in the TCF4 gene affects transcription from its alternative promoters**  
**Sirp, Alex; Leite, Kristian; Tuvikene, Jürgen; Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis** Scientific reports 2020 / art. 18424 <https://doi.org/10.1038/s41598-020-75437-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**gapFinisher : a reliable gap filling pipeline for SSPACE-LongRead scaffolder output**  
Kammonen, Juhana I.; **Smolander, Olli-Pekka**; Paulin, Lars PLoS ONE 2019 / art. e0216885, 21 p. : ill

**Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru**

Guevara, Evelyn K.; Palo, Jukka U.; Översti, Sanni; King, Jonathan L.; Seidel, Maria; **Stoljarova, Monika**; **Wendt, Frank R.**; Bus, Magdalena M.; Guengerich, Anna; Church, Warren B. PLoS ONE 2020 / art. e0244497, 24 p. : ill

<https://doi.org/10.1371/journal.pone.0244497> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Geoprocess of geospatial urban data in Tallinn, Estonia**

**Eslamirad, Nasim**; **De Luca, Francesco**; **Lylykangas, Kimmo Sakari**; **Ben Yahia, Sadok** Data in brief 2023 / art. 109172, 13 p. : ill <https://doi.org/10.1016/j.dib.2023.109172> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Glendonite occurrences in the Tremadocian of Baltica: first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudes**

Popov, Leonid E.; Alvaro, J. Javier; **Bauert, Heikki**; Ghobadi Pour, Mansoureh; Dronov, Andrei V.; **Hints, Olle**; **Männik, Peep** Scientific reports 2019 / art. 7205 ; 10 p.: ill <https://doi.org/10.1038/s41598-019-43707-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Global, regional, and national consumption of sugar-sweetened beverages, fruit juices, and milk : a systematic assessment of beverage intake in 187 countries**

Singh, Gitanjali M.; Micha, Renata; Khatibzadeh, Shahab; Shi, Peilin; Lim, Stephen; Andrews, Kathryn G.; Engell, Rebecca E.; Ezzati, Majid; Mozaffarian, Dariush; Fahimi, Saman; **Vaask, Sirje** PLoS ONE 2015 / art. e0124845

<https://doi.org/10.1371/journal.pone.0124845> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Graphene-augmented nanofiber scaffolds demonstrate new features in cells behaviour**

Kazantseva, Jekaterina; **Ivanov, Roman**; Gasik, Michael; Neumann, Toomas; **Hussainova, Irina** Scientific reports 2016 / art. 30150, p. 1-8 : ill <https://doi.org/10.1038/srep30150> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**High-throughput sequencing approach uncovers the miRNome of peritoneal endometriotic lesions and adjacent healthy tissues**

Saare, Merli; Rekker, Kadri; Laisk-Podar, Triin; Sõritsa, Deniss; Roost, Anne Mari; **Simm, Jaak**; **Velthut-Meikas, Agne**; Samuel, Külli; Metsalu, Tauno; Karro, Helle PLoS ONE 2014 / art. e112630, 9 p. : ill <https://doi.org/10.1371/journal.pone.0112630> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**How far has research into disruptive innovations in the field of sustainability come to date?**

**Ahmadov, Tarlan**; Durst, Susanne; Eriksson, Taina; Jussila, Maria; Saaristo, Aino Heliyon 2024 / art. e39134

<https://doi.org/10.1016/j.heliyon.2024.e39134> Journal metrics at Scopus Article at Scopus

**Identification and analysis of mtDNA genomes attributed to Finns reveal long-stagnant demographic trends obscured in the total diversity**

Översti, Sanni; Onkamo, Päivi; **Stoljarova, Monika**; Budowle, Bruce; Sajantila, Antti; Palo, Jukka U. Scientific reports 2017 / art. 6193, 10 p. : ill <https://doi.org/10.1038/s41598-017-05673-7> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Identification, characterization and expression profiles of Fusarium udum stress-responsive WRKY transcription factors in Cajanus cajan under the influence of NaCl stress and Pseudomonas fluorescens OKC**

Kumar, Gagan; Bajpai, Raina; Sarkar, Ankita; Mishra, Raj Kumar; **Gupta, Vijai Kumar**; Singh, Harikesh B.; Sarma, Birinchi K. Scientific reports 2019 / art. 14344, 9 p. : ill <https://doi.org/10.1038/s41598-019-50696-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Identifying entrepreneurial discovery processes with weak and strong technology signals: a text mining approach**

**Bzhalava, Levan**; Kaivo-Oja, Jari; Hassan, Sohaib S.; **Gerstlberger, Wolfgang Dieter** Open Research Europe 2022 / art. 26

<https://open-research-europe.ec.europa.eu/articles/2-26/v2> <https://doi.org/10.12688/openreseurope.14499.2> Journal metrics at Scopus Article at Scopus

**Impact of blocking layers based on TiO2 and ZnO prepared via direct current reactive magnetron sputtering on DSSC solar cells**

**Sibinski, Maciej**; Sawicka-Chudy, Paulina; Wisz, Grzegorz; Gnida, Pawel; Schab-Balcerzak, Ewa; Wal, Andrzej; Yavorskyi, Rostyslav; Cholewa, Marian Scientific reports 2024 / art. 10676 <https://doi.org/10.1038/s41598-024-61512-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Impact of short-term heat treatment on the structure and functional properties of commercial furcellaran compared to commercial carrageenans**

**Eha, Kairit**; Pehk, Tõnis; Heinmaa, Ivo; Kaleda, Aleksei; **Laos, Katrin** Heliyon 2021 / art. e06640

<https://doi.org/10.1016/j.heliyon.2021.e06640> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Improvement of workplace ergonomics in atrium-type buildings**

**Tint, Piia; Hrenov, Georgi; Siirak, Virve; Traumann, Ada; Kritševskaja, Marina; Klauson, Deniss** Proceedings of the Latvian Academy of Sciences. Section B, Natural, exact, and applied sciences 2016 / p. 336-340 : ill <https://doi.org/10.1515/prolas-2016-0051>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

### **Improvement of the detection efficiency calibration and homogeneity measurement of SiSPAD detectors**

**Dhoska, Klodian; Hofer, Helmuth; Rodiek, Beatrice; Lopez, Marco; Kübarsepp, Toomas; Kück, Stefan** SpringerPlus 2016 / p. 1-14 : ill <https://doi.org/10.1186/s40064-016-3735-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Improving the reliability of underwater gait analysis using wearable pressure and inertial sensors**

**Monoli, Cecilia; Galli, Manuela; Tuhtan, Jeffrey Andrew** PLoS One 2024 / e0300100, 15 p  
<https://doi.org/10.1371/journal.pone.0300100> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **In situ fibrillizing amyloid-beta 1-42 induces neurite degeneration and apoptosis of differentiated SH-SY5Y cells**

**Krishtal, Jekaterina; Bragina, Olga; Metsla, Kristel; Palumaa, Peep; Tõugu, Vello** PLoS ONE 2017 / art. e0186636, 16 p. : ill <https://doi.org/10.1371/journal.pone.0186636> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **In-depth analysis of transcriptomes in ovarian cortical follicles from children and adults reveals interfollicular heterogeneity**

**Rooda, Ilmatar; Hassan, Jasmin; Hao, Jie; Wagner, Magdalena; Moussaud-Lamodièrre, Elisabeth; Jääger, Kersti; Ojala, Marjut; Knuus, Katri; Lindskog, Cecilia; Velthut-Meikas, Agne** Nature communications 2024 / art. 6989 <https://doi.org/10.1038/s41467-024-51185-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Inflation targeting or exchange rate targeting: Which framework supports the goal of price stability in emerging market economies?**

**Abu Asab, Nora; Cuestas, Juan Carlos; Montagnoli, Alberto** PLoS ONE 2018 / 21 p <https://doi.org/10.1371/journal.pone.0201798>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production**

**Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; Gupta, Vijai Kumar; Sharma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap** Scientific reports 2017 / art. 11809, 17 p.  
<https://doi.org/10.1038/s41598-017-12235-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC) devices**

**Pardy, Tamas; Tulp, Indrek; Kremer, Clemens; Rang, Toomas; Stewart, Ray** PLoS ONE 2017 / p. 1-11 : ill  
<https://doi.org/10.1371/journal.pone.0189968> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Intragenomic profiling using multicopy genes : the rDNA internal transcribed spacer sequences of the freshwater sponge Ephydatia fluviatilis**

**Karlep, Liisi; Reintamm, Tõnu; Kelve, Merike** PLoS ONE 2013 / p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0066601> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Is fluorescence valid to monitor removal of protein bound uremic solutes in dialysis?**

**Arund, Jürgen; Luman, Merike; Uhlin, Nils Fredrik Arne; Tanner, Risto; Fridolin, Ivo** PLoS ONE 2016 / art. e0156541, p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0156541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Latitudinal gradients in the phylogenetic assembly of angiosperms in Asia during the Holocene**

**Bhatta, Kuber P.; Mottl, Ondřej; Felde, Vivian A.; Grytnes, John-Arvid; Reitalu, Triin; Birks, Hilary H.; Birks, H. John B.; Vetaas, Ole R.** Scientific reports 2024 / art. 17940, 16 p. : ill <https://doi.org/10.1038/s41598-024-67650-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Levan enhances associated growth of Bacteroides, Escherichia, Streptococcus and Faecalibacterium in fecal microbiota**

**Adamberg, Kaarel; Tomson, Katrin; Talve, Tiina; Pudova, Ksenia; Puurand, Marju; Visnapuu, Triinu; Alamäe, Tiina; Adamberg, Signe** PLoS ONE 2015 / p. 1-18 : ill <https://doi.org/10.1371/journal.pone.0144042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A light-induced shortcut in the planktonic microbial loop**

**Ptacinik, Robert; Gomes, Ana; Royer, Sarah-Jeanne; Altoja, Kristi; Laas, Peeter** Scientific reports 2016 / art. 29286, p. 1-10 : ill  
<https://doi.org/10.1038/srep29286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Linking atmospheric, terrestrial and aquatic environments : Regime shifts in the Estonian climate over the past 50 years**

**Kotta, Jonne; Herkül, Kristjan; Jaagus, Jaak; Kaasik, Ants; Raudsepp, Urmas; Alari, Victor; Laanemets, Jaan; Maljutenko, Ilja; Männik, Aarne; Reihan, Alvin** PLoS ONE 2018 / e0209568, 20 p. : ill <https://doi.org/10.1371/journal.pone.0209568> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Low altitude solar magnetic reconnection, type III solar radio bursts, and X-ray emissions**

Cairns, I.H.; Lobzin, V.V.; Donea, A.; **Kudryavtseva, Nadezhda** Scientific reports 2018 / art. 1676, p. 1-12 : ill

<https://doi.org/10.1038/s41598-018-19195-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Managing conflict in organisational change**

**Kiitam, Andres**; McLay, Allan; Pilli, Tõnu International journal of agile systems and management 2016 / p. 114-134

<https://doi.org/10.1504/IJASM.2016.078575> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Marker enzyme activities in hindleg from creatine-deficient AGAT and GAMT KO mice - differences between models, muscles, and sexes**

**Barsunova, Karina; Vendelin, Marko; Birkedal Nielsen, Rikke** Scientific reports 2020 / Art. 7956, 9 p

<https://doi.org/10.1038/s41598-020-64740-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Metagenome dataset of wheat rhizosphere from Ghazipur region of Eastern Uttar Pradesh**

Srivastava, Ruchi; Srivastava, Alok K.; Ramteke, Pramod Wasudeo; **Gupta, Vijai Kumar**; Srivastava, Anchal K. Data in brief 2020 / art. 105094, 4 p. : ill <https://doi.org/10.1016/j.dib.2019.105094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

### **Metaproteomics reveals parallel utilization of colonic mucin glycans and dietary fibers by the human gut microbiota**

**Raba, Grete**; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Chunsheng; **Adamberg, Signe**; Hansson, Gunnar C.; **Adamberg, Karel**; **Arike, Liisa** Iscience 2024 / art. 110093 <https://doi.org/10.1016/j.isci.2024.110093> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

### **Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress**

Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh

Scientific reports 2020 / art. 4818, 17 p. : ill <https://doi.org/10.1038/s41598-020-61140-w> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

### **Microfluidic production, stability and loading of synthetic giant unilamellar vesicles**

Ernits, Mart; Reinsalu, Olavi; Yandrapalli, Naresh; Kopanchuk, Sergei; Moradpur-Tari, Ehsan; **Sanka, Immanuel**; **Scheler, Ott**;

Rinken, Ago; Kurg, Reet; Kyritsakis, Andreas Scientific reports 2024 / art. 14071, 8 p. : ill <https://doi.org/10.1038/s41598-024-64613-4>

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

### **Misrepresentation in "misrepresentation in context" in context**

**Pietarinen, Ahti-Veikko** Foundations of science 2014 / p. 381-386 <https://doi.org/10.1007/s10699-014-9379-6> [Journal metrics at](#)

[Scopus](#) [Article at Scopus](#)

### **Modeling the impact of indoor relative humidity on the infection risk of five respiratory airborne viruses**

Aganovic, Amar; Bi, Yang; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Scientific reports 2022 / art. 11481, 10 p. : ill

<https://doi.org/10.1038/s41598-022-15703-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modelling the influence of major baltic inflows on near-bottom conditions at the entrance of the Gulf of Finland**

Lessin, Gennadi; **Raudsepp, Urmas**; Stips, Adolf PLoS ONE 2014 / art. 0112881 <https://doi.org/10.1371/journal.pone.0112881> [Journal](#)

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

### **Modulation of genetic associations with serum urate levels by body-mass-index in humans**

Huffman, Jennifer E.; Albrecht, Eva; Teumer, Alexander; Mangino, Massimo; Kapur, Karen; Johnson, Toby; Kutalik, Zoltán; Pirastu,

Nicola; Pistis, Giorgio; Lopez, Lorna M.; Haller, Toomas; Salo, Perttu; **Viigimaa, Margus** PLoS ONE 2015 / art. e0119752

<https://doi.org/10.1371/journal.pone.0119752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Near-bottom hypoxia impacts dynamics of bacterioplankton assemblage throughout water column of the Gulf of Finland (Baltic Sea)**

**Laas, Peeter**; **Šatova, Elina**; **Lips, Inga**; **Lips, Urmas**; Simm, Jaak; Kisand, Veljo; Metsis, Madis PLoS ONE 2016 / art. e0156147,

p. 1-19 : ill <https://doi.org/10.1371/journal.pone.0156147> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

[WOS](#)

### **A negatively charged cluster in the disordered acidic domain of GPIHBP1 provides selectivity in the interaction with lipoprotein lipase**

**Risti, Robert**; **Reimund, Mart**; **Seeba, Natjan-Naatan**; **Löökene, Aivar** Scientific reports 2024 / art. 19639

<https://doi.org/10.1038/s41598-024-70468-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Neuralized family member NEURL1 is a ubiquitin ligase for the cGMP-specific phosphodiesterase 9A**

**Taal, Kati**; **Tuvikene, Jürgen**; **Rullinkov, Grete**; **Piirsoo, Marko**; **Sepp, Mari**; **Neuman, Toomas**; **Tamme, Richard**; **Timmusk,**

**Tõnis** Scientific reports 2019 / art. 7104, 12 p. : ill <https://doi.org/10.1038/s41598-019-43069-x> [Journal metrics at Scopus](#) [Article at](#)

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

### Neuronal-activity regulated gene expression: emphasis on BDNF

Timmusk, Tõnis SpringerPlus 2015 / 32 p <https://doi.org/10.1186/2193-1801-4-S1-L38> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### A new perspective for European SMEs' innovative support analysis : does non-financial support matter?

Gyamfi, Solomon; Gerstlberger, Wolfgang Dieter; Prokop, Viktor; Stejskal, Jan Heliyon 2023 / art. e23796 <https://doi.org/10.1016/j.heliyon.2023.e23796> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### N-glycosylation site occupancy in human prostaglandin H synthases expressed in Pichia pastoris

Kukk, Kaia; Kasvandik, Sergo; Samel, Nigulas SpringerPlus 2014 / p. 1-9 : ill <https://doi.org/10.1186/2193-1801-3-436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Nonverbal behavior of service robots in social interactions – a survey on recent studies

Leoste, Janika; Marmor, Kristel; Heidmets, Mati Interaction Design and Architecture(s) 2024 / P. 164 - 192 <https://doi.org/10.55612/s-5002-061-006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Novel data dependent divider circuit block implementation for complex division and area critical applications

Patankar, Udayan Sunil; Flores, Miguel E.; Koel, Ants Scientific reports 2023 / art. 3027, 28 p. : ill <https://doi.org/10.1038/s41598-023-28343-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### A novel feeder-free culture system for human pluripotent stem cell culture and induced pluripotent stem cell derivation

Vuoristo, Sanna; Toivonen, Sanna; Weltner, Jere; Mikkola, Milla; Ustinov, Jarkko; Trokovic, Ras; Palgi, Jaan; Lund, Riikka; Tuuri, Timo; Otonkoski, Timo PLoS ONE 2013 / art. e76205 <https://doi.org/10.1371/journal.pone.0076205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### A 160,000-year-old history of tectonically controlled methane seepage in the Arctic

Himmler, Tobias; Sahy, Diana; Martma, Tõnu; Lepland, Aivo Science advances 2019 / art. eaaw1450, 8 p. : ill <https://doi.org/10.1126/sciadv.aaw1450> TTÜ geoloogid: merepõhjast lekkinud metaani ja jääaegade vahel on seos [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Optimizing medium components to enhance high cell mass production of biotherapeutic strain lactobacillus reuteri DSM 20016T by statistical method

Selvamani, Shanmugaprakasham; Dailin, Daniel Joe; Rostom, Merit; Gupta, Vijai Kumar; El Enshasy, Hesham A. Journal of Scientific and Industrial Research 2020 / p. 798-803 <https://doi.org/10.56042/jsir.v79i9.41715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Pan-cancer analysis of whole genomes

Campbell, Peter J.; Getz, Gad; Korbel, Jan O.; Stuart, Joshua M.; Jennings, Jennifer L.; Stein, Lincoln D.; Perry, Marc D.; Nahal-Bose, Hardeep K.; Ouellette, B. F. Francis; Uusküla-Reimand, Liis Nature 2020 / 12 p. : ill <https://doi.org/10.1038/s41586-020-1969-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Parallel worlds and mixed economies: Multi-proxy analysis reveals complex subsistence systems at the dawn of early farming in the northeast Baltic

Oras, Ester; Tõrv, Mari; Johanson, Kristiina; Rannamäe, Eve; Poska, Anneli; Lõugas, Lembi; Lucquin, Alexandre; Lundy, Jasmine; Brown, Samantha; Chen, Shidong Royal Society open science 2023 / art. 230880, 15 p. : ill <https://doi.org/10.1098/rsos.230880> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Partially disordered structure in intravirus coat protein of potyvirus potato virus A

Ksenofontov, Alexander L.; Paalme, Viuu; Rumvolt, Reet; Järvekülg, Lilian PLoS ONE 2013 / p. 1-7 : ill <https://doi.org/10.1371/journal.pone.0067830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Particle-cell contact enhances antibacterial activity of silver nanoparticles

Bondarenko, Olesja; Ivask, Angela; Käkinen, Aleksandr; Kurvet, Imbi; Kahru, Anne PLoS ONE 2013 / art. e64060 <https://doi.org/10.1371/journal.pone.0064060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Poststroke delivery of MANF promotes functional recovery in rats

Mätlik, Kert; Anttila, Jenni E.; Kuan-Yin, Kuan-Yin; Arumäe, Urmas Science advances 2018 / art. eaap8957 ; 8 p. : ill <https://doi.org/10.1126/sciadv.aap8957> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Prevention of computer worker health disturbances caused by physical and physiological risk

Pille, Viive; Oha, Kristel; Lauri, Mariliis; Tint, Piia; Tuulik-Leisi, Varje-Riin; Tuulik, Viuu; Meigas, Kalju Proceedings of the Latvian Academy of Sciences. Section B, Natural, exact, and applied sciences 2016 / p. 308-314 : ill <https://doi.org/10.1515/prolas-2016-0047> [Journal metrics at Scopus](#) [Article at Scopus](#)

### Prevotella enterotype associates with diets supporting acidic faecal pH and production of propionic acid by microbiota

**Adamberg, Signe; Adamberg, Kaarel** Heliyon 2024 / art. e31134 <https://doi.org/10.1016/j.heliyon.2024.e31134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Primary amines as heterogeneous catalysts in an enantioselective [2,3]-Wittig rearrangement reaction**  
**Murre, Aleksandra; Mikli, Valdek; Erkman, Kristin; Kanger, Tõnis** iScience 2023 / art. 107822, 18 p. : ill <https://doi.org/10.1016/j.isci.2023.107822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Propidium iodide staining underestimates viability of adherent bacterial cells**  
**Rosenberg, Merilin;** Azevedo, Nuno F.; Ivask, Angela Scientific reports 2019 / art. 6483, 12 p. : ill <https://doi.org/10.1038/s41598-019-42906-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Pulsed laser deposition of Zn(O,Se) layers in nitrogen background pressure**  
**Abdalla, Akram; Bereznev, Sergei; Spalatu, Nicolae; Volobujeva, Olga; Sleptšuk, Natalja; Danilson, Mati** Scientific reports 2019 / art. 17443, 10 p. : ill <https://doi.org/10.1038/s41598-019-54008-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rapid in situ assessment of Cu-ion mediated effects and antibacterial efficacy of copper surfaces**  
**Rosenberg, Merilin;** Vilja, Heiki; Kahru, Anne; Keevil, William; Ivask, Angela Scientific reports 2018 / art. 8172, 8 p. : ill <https://doi.org/10.1038/s41598-018-26391-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rat and mouse cardiomyocytes show subtle differences in creatine kinase expression and compartmentalization**  
**Branovets, Jelena; Soodla, Kõrol; Vendelin, Marko; Birkedal Nielsen, Rikke** PLoS ONE 2023 / art. e0294718 <https://doi.org/10.1371/journal.pone.0294718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reconstruction of Phanerozoic climate using carbonate clumped isotopes and implications for the oxygen isotopic composition of seawater**  
Thiagarajan, Nivedita; **Lepland, Aivo;** Ryb, Uri; Torsvik, Trond H.; Ainsaar, Leho; Hints, Olle; Eiler, John Proceedings of the National Academy of Sciences of the United States of America 2024 / art. e2400434121 : ill <https://doi.org/10.1073/pnas.2400434121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Redox-specialized bacterioplankton metacommunity in a temperate estuary**  
**Laas, Peeter; Simm, Jaak; Lips, Inga; Lips, Urmas; Kisand, Veljo; Metsis, Madis** PLoS ONE 2015 / art. e0122304 <https://doi.org/10.1371/journal.pone.0122304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reinvigorating the nineteenth century scientific method : a Peirce-pective on science**  
**Pietarinen, Ahti-Veikko;** Beni, Majid D. Perspectives on Science 2023 / p. 684-715 [https://doi.org/10.1162/posc\\_a\\_00605](https://doi.org/10.1162/posc_a_00605) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Reproducible chemostat cultures to minimize eukaryotic viruses from fecal transplant material**  
**Adamberg, Signe;** Rasmussen, Torben Sølbeck; Larsen, Sabina Brigitte; **Mao, Xiaotian;** Nielsen, Dennis Sandris; **Adamberg, Kaarel** iScience 2024 / art. 110460 <https://doi.org/10.1016/j.isci.2024.110460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Residue-specific binding of Ni(II) ions influences the structure and aggregation of amyloid beta (Aβ) peptides**  
**Berntsson, Elina;** Vosough, Faraz; Svantesson, Teodor; Pansieri, Jonathan; Iashchishyn, Igor A.; Ostojić, Lucija; Dong, Xiaolin; Paul, Suman; Jarvet, Jüri; Roos, Per M.; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Scientific Reports 2023 / art. 3341 <https://doi.org/10.1038/s41598-023-29901-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Respiration of permeabilized cardiomyocytes from mice: no sex differences, but substrate-dependent changes in the apparent ADP-affinity**  
**Karro, Niina; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke** Scientific reports 2019 / art. 12592 <https://doi.org/10.1038/s41598-019-48964-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rethinking fish-friendliness of pumps by shifting focus to both safe and timely fish passage for effective conservation**  
Evans, Oliver J.; Norman, Josh; Carter, Liam J.; Hutchinson, T.; Don, A.; Wright, Rosalind M.; **Tuhtan, Jeffrey Andrew; Toming, Gert;** Bolland, Jonathan D. Scientific reports 2024 / art. 17888, 12 p. : ill <https://doi.org/10.1038/s41598-024-67870-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**RNA interference-guided targeting of hepatitis C virus replication with antisense locked nucleic acid-based oligonucleotides containing 8-oxo-dG modifications**  
Mutso, Margit; Nikonov, Andrei; Pihlak, Arno; Žusinaite, Eva; Viru, Liane; Selyutina, Anastasia; **Reintamm, Tõnu; Kelve, Merike;** Saarma, Mart; Karelson, Mati; Merits, Andres PLoS ONE 2015 / p. 1-25 : ill <https://doi.org/10.1371/journal.pone.0128686> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The role of artificial intelligence in the development of entrepreneurial initiatives among displaced persons: management of innovative social work practices**

Bielialov, Taliat; Trebyk, L.; Zavrashnyi, K.; Demydenko, T.; **Järvis, Marina**; Malovichko, O. Multidisciplinary science journal 2024 / art. e2024ss0224 <https://doi.org/10.31893/multiscience.2024ss0224> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Salmon behavioural response to robots in an aquaculture sea cage**

**Kruusmaa, Maarja; Gkliva, Roza; Tuhtan, Jeffrey Andrew**; Tuvikene, A.; Alfredsen, J.A. Royal Society open science 2020 / art. 191220, 14 p. : ill <https://doi.org/10.1098/rsos.191220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sea surface circulation in the Baltic Sea : decomposed components and pattern recognition**

**Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander; Lagemaa, Priidik; Männik, Aarne; Uiboupin, Rivo; Raudsepp, Urmas** Scientific reports 2024 / art. 18649 <https://doi.org/10.1038/s41598-024-69463-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Self-employment convergence in Europe: The role of migration**

Cuadros, Ana; **Cuestas, Juan Carlos**; Martin-Montaner, Joan PLoS ONE 2021 / art. e0250182, 14 p <https://doi.org/10.1371/journal.pone.0250182> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Serum levels of miR-126 and miR-223 and outcomes in chronic kidney disease patients**

Fourdinier, Ophélie; Schepers, Eva; Metzinger-Le Meuth, Valérie; Glorieux, Griet; Liabeuf, Sophie; Vanholder, Raymond; Brigrant, Benjamin; Pletinck, Anneleen; **Fridolin, Ivo** Scientific reports 2019 / art. 447, 12 p. : ill <https://doi.org/10.1038/s41598-019-41101-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **SLM-processed MoS<sub>2</sub>/MoS<sub>3</sub> nanocomposite for energy conversion/storage applications**

**Alinejadian, Navid**; Kazemi, Sayed Habib; Odnevall Wallinder, Inger Scientific reports 2022 / art. 5030 <https://doi.org/10.1038/s41598-022-08921-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Spatial and temporal variability of ambient underwater sound in the Baltic Sea**

**Mustonen, Mirko; Klauson, Aleksander**; Andersson, Mathias; Clorennec, Dominique Scientific reports 2019 / art. 13237, 13 p. : ill <https://doi.org/10.1038/s41598-019-48891-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Squeezing formaldehyde into C60 fullerene**

Vyas, Vijayesh K.; Bacanu, George Razvan; Soundararajan, Murari; Marsden, Elizabeth S.; **Jafari, Tanzeeha**; Shugai, Anna; Light, Mark E.; Nagel, Urmas; Rõõm, Toomas; Levitt, Malcolm H.; Whitby, Richard J. Nature Communications 2024 / art. 2515 <https://doi.org/10.1038/s41467-024-46886-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Starter culture growth dynamics and sensory properties of fermented oat drink**

Kütt, Mary-Liis; Orgusaar, Kaisa; Stulova, Irina; Priidik, Reimo; **Pismennõi, Dmitri; Vaikma, Helen**; Kallastu, Aili; Zhogoleva, Aleksandra; Morell, Indrek; Kriščiunaite, Tiina Heliyon 2023 / art. e15627, 14 p. : ill <https://doi.org/10.1016/j.heliyon.2023.e15627> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Structural and functional insights into the reaction specificity of catalase-related hydroperoxide lyase : a shift from lyase activity to allene oxide synthase by site-directed mutagenesis**

**Teder, Tarvi; Lõhela, Helike; Samel, Nigulas** PLoS ONE 2017 / art. e0185291, p. 1-18 : ill <https://doi.org/10.1371/journal.pone.0185291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Vasiliev, Grigory**; Kubo, Anna-Liisa; Vija, Heiki; Kahru, Anne; **Bondar, Denys; Karpichev, Yevgen**; Bondarenko, Olesja Scientific reports 2023 / art. 9202, 15 p. : ill <https://doi.org/10.1038/s41598-023-36460-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synergy of climate change with country success and city quality of life**

Kaklauskas, Arturas; Abraham, Ajith; Kaklauskienė, Loreta; Ubarte, Ieva; Amaratunga, Dilanthi; **Lill, Irene**; Milevicius, Virginijus; Kaklauskaitė, Ulijona Scientific Reports 2023 / art. 7872 <https://doi.org/10.1038/s41598-023-35133-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synthesis and physical characteristics of narrow bandgap chalcogenide SnZrSe<sub>3</sub> : [version 2; peer review: 2 approved]**

Kondrotas, Rokas; Juškešas, Remigijus; Krotkus, Arunas; Pakštas, Vidas; Suchodolskis, Arturas; Mekys, Algirdas; Franckevičius, Marius; Talaikis, Martynas; **Muska, Katri; Li, Xiaofeng; Kauk-Kuusik, Marit**; Kravtsov, Victor Open Research Europe 2023 / art. 138 <https://doi.org/10.12688/openreseurope.15168.2> <https://open-research-europe.ec.europa.eu/articles/2-138> <https://doi.org/10.5281/zenodo.7867349> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Laanoja, Jüri**; Sihtmäe, Mariliis; Vihodceva, Svetlana; Iesalnieks, Mairis; Otsus, Maarja; Kurvet, Imbi; Kahru, Anne; Kasemets, Kaja Heliyon 2024 / art. e35588 <https://doi.org/10.1016/j.heliyon.2024.e35588> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Target prediction and validation of microRNAs expressed from FSHR and aromatase genes in human ovarian granulosa cells**

**Rooda, Ilmatar**; Hensen, Kati; **Kaselt, Birgitta**; **Velthut-Meikas, Agne** Scientific reports 2020 / art. 2300, 13 p. : ill <https://doi.org/10.1038/s41598-020-59186-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Targeted alternative splicing of TAF4 : a new strategy for cell reprogramming**

Kazantseva, Jekaterina; **Sadam, Helle**; Neuman, Toomas; **Palm, Kaia** Scientific reports 2016 / art. 30852, p. 1-11 : ill <https://doi.org/10.1038/srep30852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Targeting heparanase in cancer: inhibition by synthetic, chemically modified, and natural compounds**

Mohan, Chakrabhavi Dhananjaya; Hari, Swetha; Preetham, Habbanakuppe D.; Rangappa, Shobith; Barash, Uri; Ilan, Neta; Nayak, S. Chandra; **Gupta, Vijai Kumar**; Basappa, S.; Vlodavsky, Israel; Rangappa, Kanchugarakoppal S. Iscience 2019 / p. 360 - 390 <https://doi.org/10.1016/j.isci.2019.04.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Temporal stability and correlation of EEG markers and depression questionnaires scores in healthy people**

**Pöld, Toomas**; **Päeske, Laura**; **Hinrikus, Hiie**; **Lass, Jaanus**; **Bachmann, Maie** Scientific reports 2023 / art. 21996 <https://doi.org/10.1038/s41598-023-49237-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The earliest giant Osprioneides borings from the sandbian (late ordovician) of Estonia**

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann** PLoS ONE 2014 / art. e99455, 6 p. : ill <https://doi.org/10.1371/journal.pone.0099455> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effects of apple variety, ripening stage, and yeast strain on the volatile composition of apple cider**

**Rosend, Julia**; Kuldjäär, Rain; Rosenvald, Sirli; **Paalme, Toomas** Heliyon 2019 / art. e01953, 7 p. : ill <https://doi.org/10.1016/j.heliyon.2019.e01953> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effects of ship wakes in the Venice Lagoon and implications for the sustainability of shipping in coastal waters**

Scarpa, Gian Marco; Zaggia, Luca; **Parnell, Kevin Ellis**; **Soomere, Tarmo** Scientific reports 2019 / art. 19014, 14 p. : ill <https://doi.org/10.1038/s41598-019-55238-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The gut microbiota of healthy individuals remains resilient in response to the consumption of various dietary fibers**

Pihelgas, Susan; Ehala-Aleksejev, Kristel; **Adamberg, Signe**; Kazantseva, Jekaterina; **Adamberg, Kaarel** Scientific reports 2024 / art. 22208, 13 p. : ill <https://doi.org/10.1038/s41598-024-72673-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The infuence of diferent maternal microbial communities on the development of infant gut and oral microbiota**

**Drell, Tiina**; Štšepetova, Jelena; **Simm, Jaak**; Rull, Kristiina; Aleksejeva, Aira; Antson, Anne; Tillmann, Vallo; Metsis, Madis; Sepp, Epp; Salumets, Andres; Mändar, Reet Scientific reports 2017 / art. 9940, p. 1-9 : ill <https://doi.org/10.1038/s41598-017-09278-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Tight Coupling of Na<sup>+</sup>/K<sup>+</sup>-ATPase with glycolysis demonstrated in permeabilized rat cardiomyocytes**

**Sepp, Mervi**; **Sokolova, Niina**; **Jugai, Svetlana**; **Mandel, Merle**; **Peterson, Pearu**; **Vendelin, Marko** PLoS ONE 2014 / art. e99413 <https://doi.org/10.1371/journal.pone.0099413> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**TiO<sub>2</sub> thin films by ultrasonic spray pyrolysis as photocatalytic material for air purification**

**Dündar, Ibrahim**; **Kritševskaja, Marina**; **Katerski, Atanas**; **Oja Acik, Ilona** Royal Society open science 2019 / art. 181578, 12 p. : ill <https://doi.org/10.1098/rsos.181578> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The transcriptional repressor domain of Gli3 is intrinsically disordered**

**Tsanev, Robert**; **Vanatalu, Kalju**; Jarvet, Jüri; Tanner, Risto; **Laur, Kristi**; **Tiigimägi, Piret**; Kragelund, Birthe B.; Østerlund, Torben; **Kogerman, Priit** PLoS ONE 2013 / art. e76972 <https://doi.org/10.1371/journal.pone.0076972> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Transfer of modified gut viromes improves symptoms associated with metabolic syndrome in obese male mice**

Mao, Xiaotian; Larsen, Sabina Birgitte; Zachariassen, Line Sidsel Fisker; Brunse, Anders; **Adamberg, Signe**; Mejia, Josue Leonardo Castro; Larsen, Frej; **Adamberg, Kaarel**; Nielsen, Dennis Sandris; Hansen, Axel Kornerup; Hansen, Camilla Hartmann Friis; Rasmussen, Torben Sølbeck Nature communications 2024 / art. 4704 <https://doi.org/10.1038/s41467-024-49152-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Two-billion-year-old evaporites capture Earth's great oxidation**

Blättler, C.L.; Kirsimäe, Kalle; Kreitsmann, Timmu; **Lepland, Aivo** Science 2018 / p. 320-323 <https://doi.org/10.1126/science.aar2687>

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

**Up-regulated expression of AOS-LOXa and increased eicosanoid synthesis in response to coral wounding**

**Lõhela, Helike; Teder, Tarvi; Tõldsepp, Kadri;** Ekins, Merrick; **Samel, Nigulas** PLoS ONE 2014 / p. 1-9 : ill

<https://doi.org/10.1371/journal.pone.0089215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Using gravitational waves to detect axion miniclusters and axion stars**

**Urrutia, Juan** 1st General Meeting and 1st Training School of the COST Action COSMIC WISPerS (COSMICWISPerS) 2024 / art.

046 <https://doi.org/10.22323/1.454.0046> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Using mixed methods to construct and analyze a participatory agent-based model of a complex Zimbabwean agro-pastoral system**

Eitzel, M.V.; Solera, Jon; Wilson, K.B.; Neves, Kleber; Fisher, Aaron C.; **Veski, André;** Omoju, Oluwasola E.; Ndlovu, Abraham

Mawere; Hove, Emmanuel Mhike PLoS ONE 2020 / art. e0237638, 24 p. : ill <https://doi.org/10.1371/journal.pone.0237638> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variability of marine heatwaves' characteristics and assessment of their potential drivers in the Baltic Sea over the last 42 years**

**Bashiri, Behzad; Barzandeh, Amirhossein; Männik, Aarne; Raudsepp, Urmas** Scientific reports 2024 / art. 22419

<https://doi.org/10.1038/s41598-024-74173-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Water sorption behaviour of commercial furcellaran**

**Eha, Kairit;** Kaleda, Aleksei; Menert, Anne; **Laos, Katrin** Heliyon 2022 / 10 p. : ill <https://doi.org/10.1016/j.heliyon.2022.e11056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**WEE1 kinase inhibitor AZD1775 induces CDK1 kinase-dependent origin firing in unperturbed G1- And S-phase cells**

**Moiseeva, Tatiana;** Qian, Chenao; Sugitani, Norie; Osmanbeyoglu, Hatice U.; Bakkenist, Christopher J. Proceedings of the National

Academy of Sciences of the United States of America 2019 / 3 p. : ill <https://doi.org/10.1073/pnas.1915108116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**α-lipoic acid ameliorates consequences of copper overload by up-regulating selenoproteins and decreasing redox misbalance**

**Kabin, Ekaterina;** Dong, Yixuan; Roy, Shubhrajit; **Smirnova, Julia;** Smith, Joshua W.; Ralle, Martina; Summers, Kelly; Yang, Haojun;

Dev, Som; Wang, Yu; Devenney, Benjamin; Cole, Robert N.; **Palumaa, Peep;** Lutsenko, Svetlana Proceedings of the National

Academy of Sciences 2023 / art. e2305961120 <https://doi.org/10.1073/pnas.2305961120> [Journal metrics at Scopus](#) [Article at Scopus](#)

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