

### **Ameliorating effect of nitrate on nitrite inhibition for denitrifying P-accumulating organisms**

Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; **Jaagura, Madis**; Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.149133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency**

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojoyty; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The composition of faecal microbiota is related to the amount and variety of dietary fibres**

**Adamberg, Kaarel; Jaagura, Madis**; Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** International Journal of Food Sciences and Nutrition 2020 / p. 845-855 : ill <https://doi.org/10.1080/09637486.2020.1727864> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Consumption of multi-fiber enriched yogurt increased the levels of Catenibacterium mitsuokai and Parabacteroides distasonis**

Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiaard, Ene Pharmadvances 2022 / p. 59 <http://www.pharmadvances.com/wp-content/uploads/2022/01/Posters.pdf>

### **Consumption of multi-fiber enriched yogurt is associated with increase of Bifidobacterium animalis and butyrate producing bacteria in human fecal microbiota**

Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiaard, Ene Journal of Functional Foods 2022 / Art. nr. 104899 <https://doi.org/10.1016/j.jff.2021.104899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Engineered resistant-starch (ERS) diet shapes colon microbiota profile in parallel with the retardation of tumor growth in In Vitro and In Vivo pancreatic cancer models**

Panebianco, Concetta; **Adamberg, Kaarel; Adamberg, Signe; Jaagura, Madis; Kolk, Kaia; Vilu, Raivo** Nutrients 2017 / art. 331, p. 1-16 : ill <https://doi.org/10.3390/nu9040331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced anammox-mediated nitrogen removal in bioelectrochemical systems at prolonged negative electrode potentials**

Priks, Hans; Zekker, Ivar; Nava, Antonio Ivan Manuell; Kumar, Rohit; Das, Sovik; **Jaagura, Madis**; Mamun, Faysal-Al; Bhowmick, Gourav Dhar; Tamm, Tarmo; Tenno, Taavo Environmental Science and Pollution Research 2024 / p. 63312 - 63324 <https://doi.org/10.1007/s11356-024-35405-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Enhanced efficiency of nitrating-anammox sequencing batch reactor achieved at low decrease rates of oxidation-reduction potential**

Zekker, Ivar; Kivirüüt, Aimar; Rikmann, Ergo; Mandel, Anni; **Jaagura, Madis**; Tenno, Toomas; Artemchuk, Oleg; Rubin, Sergio Dc; Tenno, Taavo Environmental Engineering Science 2019 / p. 350-360 <https://doi.org/10.1089/ees.2018.0225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhancement of anoxic phosphorus uptake of denitrifying phosphorus removal process by biomass adaption**

Mandel, Anni; Zekker, Ivar; **Jaagura, Madis**; Tenno, Taavo International journal of environmental science and technology 2019 / p. 5965–5978 : ill <https://doi.org/10.1007/s13762-018-02194-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of gemcitabine chemotherapy on the microbiota of pancreatic cancer xenografted mice**

Panebianco, Concetta; **Adamberg, Kaarel; Jaagura, Madis; Adamberg, Signe; Kolk, Kaia; Vilu, Raivo**; Andriulli, Angelo; Paziienza, Valerio Cancer chemotherapy and pharmacology 2018 / p. 773–782 : ill <https://doi.org/10.1007/s00280-018-3549-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Isothermal microcalorimetry as an innovative in vitro approach for assessing the effect of food fibres on human gut microbiome**

Part, Natalja; Viiaard, Ene; **Jaagura, Madis; Adamberg, Signe; Adamberg, Kaarel** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 221 <http://www.ceec-tac.org/download.php?file=/download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

### **Low-carbohydrate high-fat weight reduction diet induces changes in human gut microbiota**

**Jaagura, Madis**; Viiaard, Ene; Karu-Lavits, Kärtin; **Adamberg, Kaarel** MicrobiologyOpen 2021 / art. e1194 <https://doi.org/10.1002/mbo3.1194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Mainstream-sidestream wastewater switching promotes anammox nitrogen removal rate in organic-rich, low-temperature streams**

Zekker, Ivar; Raudkivi, Markus; Artemchuk, Oleg; Rikmann, Ergo; Priks, Hans; **Jaagura, Madis**; Tenno, Taavo Environmental

technology 2021 / 10 p. : ill <https://doi.org/10.1080/09593330.2020.1721566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimisation of sample storage and dna extraction for human gut microbiome studies**

Kazantseva, Jekaterina; Malv, Esther; Meikas, Anne; Kallastu, Aili; **Jaagura, Madis**; Koppel, Johana 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 29

### **Rat NEURL1 3'UTR is alternatively spliced and targets mRNA to dendrites**

**Jaagura, Madis**; Taal, Kati; Koppel, Indrek; Tuvikene, Jürgen; Timmusk, Tõnis; Tamme, Richard Neuroscience letters 2016 / p. 71-76 : ill <https://doi.org/10.1016/j.neulet.2016.10.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synthesis of raffinose-derived potential prebiotics by bacterial levansucrase and their effects on composition and metabolism of fecal microbiota of normal - and overweight children**

Visnapuu, Triinu; Ernits, Karin; **Adamberg, Signe**; **Jaagura, Madis**; Larionova, Anneli; Voor, Tiia; **Adamberg, Kaarel**; Alamäe, Tiina Acta biochimica Polonica 4th Congress of Baltic Microbiologists : 10–12th September 2018, Gdańsk, Poland : book of abstracts 2018 / p. 7-11 [http://www.actabp.pl/#Archiwum?./supl/1\\_2018.html](http://www.actabp.pl/#Archiwum?./supl/1_2018.html) [http://www.actabp.pl/pdf/Supl1\\_18/SessionI.pdf](http://www.actabp.pl/pdf/Supl1_18/SessionI.pdf)

### **The composition and metabolism of faecal microbiota is specifically modulated by different dietary polysaccharides and mucin : an isothermal microcalorimetry study**

**Adamberg, Kaarel**; Kolk, Kaia; **Jaagura, Madis**; Vilu, Raivo; **Adamberg, Signe** Beneficial microbes 2018 / p. 21-34 : ill <https://doi.org/10.3920/BM2016.0198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The composition of faecal microbiota is related to the amount and variety of dietary fibres**

**Adamberg, Kaarel**; **Jaagura, Madis**; Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 17

### **The Effect of Diet and Dietary Fiber on the Human Gut Microbiota in vitro and in vivo = Toitumise ja kiudainete mõju inimese seedetrakti mikrobiotale in vitro ja in vivo**

**Jaagura, Madis** 2021 [https://www.ester.ee/record=b5468551\\*est](https://www.ester.ee/record=b5468551*est) <https://digikogu.taltech.ee/et/Item/36a9b389-2501-4e64-a9d2-681d54cbea52> <https://doi.org/10.23658/taltech.50/2021>

### **Yogurt enriched with fibers and probiotic bacteria increased the abundance of bifidobacterium animalis subsp. Lactis bb12 in human gut microbiome**

Viiard, Ene; **Jaagura, Madis**; Part, Natalja; Kazantseva, Jekaterina; **Adamberg, Kaarel** Pharmadvances 2022 / p. 19-20 <https://doi.org/10.36118/pharmadvances.2022.23>