

## **Analysis of cider aroma using HS-SPME-GC/MS and GC-O**

**Kuldjärv, Rain; Holm, Mariliis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

## **Characterisation of chemical, microbial and sensory profiles of commercial kombuchas**

**Andreson, Maret; Kazantseva, Jekaterina; Kuldjärv, Rain; Malv, Esther; Vaikma, Helen; Kaleda, Aleksei; Kütt, Mary-Liis; Vilu, Raivo** International journal of food microbiology 2022 / art. 109715 <https://doi.org/10.1016/j.ijfoodmicro.2022.109715> [Journal metris at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Characterization of cider fermentation in fresh apple juice and apple juice concentrate [Online resource]**

**Rosend, Julia; Kuldjärv, Rain; Nisamedtinov, Ildar** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

## **Chemical, metagenomic and sensory differences in kimchi fermented in industrial and laboratory scale**

**Aus, Emili; Kuldjärv, Rain; Meikas, Anne; Vaikma, Helen; Junusova, Marina** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 103 [https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

## **Consumer acceptance on the sensory characteristics and naturality of dry and medium dry apple ciders available on Estonian market [Online resource]**

**Kuldjärv, Rain; Koppel, Kadri** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

## **Consumer preferences for kimchi in Estonia, Latvia, and Finland : napa cabbage and local vegetables (white cabbage, red cabbage, white turnip, beetroot)**

**Maasikmets, Maarja; Kuldjärv, Rain; Antsmaa, Emili; Straumite, Evita; Pohjanheimo, Terhi; Vaikma, Helen** Food Quality and Preference 2025 / art. 105622 <https://doi.org/10.1016/j.foodqual.2025.105622> <https://www.sciencedirect.com/science/article/pii/S0950329325001971?via%3Dihub#ac0005>

## **Correlation of gas chromatography-olfactometry and sensory descriptive analysis of oregano samples by PLSR**

**Seisonen, Sirli; Kajava, Keili; Kuldjärv, Rain; Vene, Kristel** PLS 2014 : 8th International Conference on Partial Least Squares and Related Methods : 26-28 May 2014 - Paris, France : Book of Abstracts 2014 / p. 217-218 : joon

## **Dietary intervention study conducted with fiber rich functional and sustainable smoothie made using leftover apple pomace from apple cider industry**

**Kuldjärv, Rain; Jagomäe, Annika; Kiiker, Liisa; Jõelet, Ann; Pihelgas, Susan** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 [https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

## **The effect of apple juice concentration on cider fermentation and properties of the final product**

**Rosend, Julia; Kaleda, Aleksei; Kuldjärv, Rain; Arju, Georg; Nisamedtinov, Ildar** Foods 2020 / art. 1401, 12 p <https://doi.org/10.3390/foods9101401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Evaluation of microbial dynamics of kombucha consortia upon continuous backslopping in coffee and orange juice**

**Andreson, Maret; Kazantseva, Jekaterina; Malv, Esther; Kuldjärv, Rain; Priidik, Reimo; Kütt, Mary-Liis** Foods 2023 / art. 3545 <https://doi.org/10.3390/foods12193545> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Even food on the battlefield needs to be armed! Market overview of long shelf-life breads**

**Leppik, Kärt; Traksmäa, Anna; Kuldjärv, Rain** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 62

## **Even food on the battlefield needs to be armed: Sensory characteristics and physico-chemical analysis of long shelf-life breads**

**Vaikma, Helen; Leppik, Kärt; Kuldjärv, Rain** EUROSENSE 2020: 9th European Conference on Sensory and Consumer Research 2020

## **Fermentatsioonist - ausalt ja avameelselt : hapendamise aabits**

**Kuldjärv, Rain** 2023 [https://www.ester.ee/record=b5569705\\*est](https://www.ester.ee/record=b5569705*est)

## **Fermentatsiooniteadlane Rain Kuldjärv õpetab lääneeurooplasi hapukapsast sööma : hapendamine päästab maailma toidumuredest**

Arndt-Kalju, Margit omamaitse.delfi.ee 2023 [Fermentatsiooniteadlane Rain Kuldjärv õpetab lääneeurooplasi hapukapsast sööma: hapendamine päästab maailma toidumuredest](#)

## **Hapendatud köögiviljad võivad aidata erinevate seedeprobleemide korral**

novaator.err.ee 2024 [Hapendatud köögiviljad võivad aidata erinevate seedeprobleemide korral](#)

**Impact of apple cultivar, ripening stage, fermentation type and yeaststrain on phenolic composition of apple ciders**  
Laaksonen, Oskar; **Kuldjärv, Rain; Paalme, Toomas**; Virkki, Mira; Yang, Baoru Food chemistry 2017 / p. 29-37 : ill  
<https://doi.org/10.1016/j.foodchem.2017.04.067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rain Kuldjärv. Metsiku pärimi metsikus ja kultuurpärimi kultuursus. Intervjuu : Rain Kuldjärv**  
**Kuldjärv, Rain** Teadus kolme minutiga : 2015-2016 2017 / lk. [28]-37 : portr., ill [http://www.ester.ee/record=b4654069\\*est](http://www.ester.ee/record=b4654069*est)

**Rainbow trout composition and fatty acid content in Estonia**  
**Timberg, Loreida; Kuldjärv, Rain; Koppel, Kadri; Paalme, Toomas** Agronomy research 2011 / p. 495-500 : ill

**Ripening and sensory properties of spice-cured sprats and sensory properties development**  
**Timberg, Loreida; Koppel, Kadri; Kuldjärv, Rain; Paalme, Toomas** Journal of aquatic food product technology 2014 / p. 129-145 : ill  
<https://doi.org/10.1080/10498850.2012.700003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Seasoned sprat products acceptance in Estonia and in Thailand**  
**Timberg, Loreida; Koppel, Kadri; Kuldjärv, Rain; Chambers IV, Edgar; Soontrunnarudrungsri, Aussama; Suwonsichon, Suntaree; Paalme, Toomas** Journal of aquatic food product technology 2014 / p. 552-566 : ill <https://doi.org/10.1080/10498850.2012.735748>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sensory and chemical properties of Baltic Sprat (*Sprattus sprattus balticus*) and Baltic Herring (*Clupea harengus* membras) in different catching seasons**  
**Timberg, Loreida; Koppel, Kadri; Paalme, Toomas; Kuldjärv, Rain** Agronomy research 2011 / p. 489-494 : ill  
<https://agronomy.emu.ee/vol09Spec2/p09s218.pdf>

**Sensory characteristics and chemical analysis of birch sap drinks fermented with different starter cultures**  
**Kuldjärv, Rain; Rosenvald, Sirli** 12th Pangborn Sensory Science Symposium : 20-24 August 2017, Rhode Island Convention Center, Providence, Rhode Island, USA 2017 / p. [P2.1.49]

**Sensory perception and preferences of oat-based vanilla-flavoured frozen desserts among children (aged 8–16) and adults**  
**Vaikma, Helen; Maasikmets, Maarja; Kuldjärv, Rain; Kutti, Mari-Liis; Rosenvald, Sirli; Straumite, Evita; Stulova, Irina** Food quality and preference 2025 / art. 105533 <https://doi.org/10.1016/j.foodqual.2025.105533>

**Sensory, chemical, and microbiological stability of non-alcoholic fermented drinks during shelf-life**  
**Kuldjärv, Rain; Anderson, Maret; Kazantseva, Jekaterina; Malv, Esther; Vaikma, Helen** EuroSense 2022 : Tenth European Conference on Sensory and Consumer Research, 13 - 16 September 2022, Turku, Finland 2022

**Short-term pectin-enriched smoothie consumption has beneficial effects on the gut microbiota of low-fiber consumers**  
**Pihelgas, Susan; Ehala-Aleksejev, Kristel; Kuldjärv, Rain; Jõelet, Ann; Kazantseva, Jekaterina; Adamberg, Kaarel** FEMS Microbes 2024 / art. xtae001 <https://doi.org/10.1093/femsmc/xtae001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A study on softening bones of Baltic herring and Baltic sprat with acetic acid and hydrochloric acid**  
**Ruus, Karl Mattias; Kuldjärv, Rain; Vaikma, Helen** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : book of abstracts 2023 / p. 108  
[https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

**The effect of transition to a more energy-effective processing regime on the shelf-life of lingonberryblueberry-rye puree**  
**Lang, Hanna; Saarniit, Kärt; Kuldjärv, Rain** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 53  
[https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

**The effects of apple variety, ripening stage, and yeast strain on the volatile composition of apple cider**  
**Rosend, Julia; Kuldjärv, 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 stability of phenolic compounds in fruit, berry, and vegetable purees based on accelerated shelf-life testing methodology**  
**Saarniit, Kärt; Lang, Hanna; Kuldjärv, Rain; Laaksonen, Oskar; Rosenvald, Sirli** Foods 2023 / art. 1777  
<https://doi.org/10.3390/foods12091777> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Yeast performance characterisation in different cider fermentation matrices**  
**Rosend, Julia; Kuldjärv, Rain; Arju, Georg; Nisamedtinov, Ildar** Agronomy research 2019 / p. 2040–2053 : ill  
<https://doi.org/10.15159/AR.19.178> [Journal metrics at Scopus](#) [Article at Scopus](#)