

A method for GC-olfactometry panel training

Vene, Kristel; Seisonen, Sirli; Koppel, Kadri; Leitner, Erich; Paalme, Toomas Chemosensory perception 2013 / p. 179-189 : ill

An overview of statistical methods currently used for correlating sensory properties of food with its volatile composition

Rosenvald, Sirli; Vene, Kristel; Koppel, Kadri 13th Sensometrics Conference : 26-29 July 2016, Brighton, UK 2016

Application of gas chromatography-olfactometry (GC-O) and correlation with sensory analysis = Gaaskromatograaf-olfaktomeetri (GC-O) rakendusvõimalused ja korreleerimine sensoorse analüüsiga

Rosenvald, Sirli 2017 http://www.ester.ee/record=b4743675*est <https://digi.lib.ttu.ee/i/?9006>

Characterisation of the aroma profiles of different honeys and corresponding flowers using solid-phase microextraction and gas chromatography-mass spectrometry/olfactometry

Seisonen, Sirli; Kivima, Evelin; Vene, Kristel Food chemistry 2015 / p. 34-40 : ill <https://doi.org/10.1016/j.foodchem.2014.07.125>

Characterization of odor-active compounds of various pea preparations by GC-MS, GC-O, and their correlation with sensory attributes

Zhogoleva, Aleksandra; Alas, Maria; Rosenvald, Sirli Future foods 2023 / art. 100243 <https://doi.org/10.1016/j.fufo.2023.100243>

The composition, physicochemical properties, antioxidant activity, and sensory properties of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; Rosenvald, Sirli; Timberg, Loreida; Laos, Katrin Foods 2021 / art. 511, 14 p
<https://doi.org/10.3390/foods10030511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Correlation of gc-o and sensory data of Finnish honeys - methods and challenges

Rosenvald, Sirli; Kortesniemi, M.; Laaksonen, O.; Ollikka, T.; Vene, Kristel; Yang, Baoru 12th Pangborn Sensory Science Symposium : 20-24 August 2017, Rhode Island Convention Center, Providence, Rhode Island, USA 2017 / p. [P2.3.16]

Correlation of GC-O and sensory data of Finnish honeys - overview of statistical methods [Online resource]

Rosenvald, Sirli; Yang, Baoru Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.ut.ee/teesid/>

Erratum to "Market mapping of plant-based milk alternatives by using sensory (RATA) and GC analysis" [Future Foods, 4 (2021) 100049] [Future Foods (2021) 4, (S2666833521000393), (10.1016/j.fufo.2021.100049)]

Vaikma, Helen; Kaleda, Aleksi; Rosend, Julia; Rosenvald, Sirli Future Foods 2022 / Art. nr. 100166

<https://doi.org/10.1016/j.fufo.2022.100166> [Journal metrics at Scopus](#) [Article at Scopus](#)

Erratum to "Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds" [Future Foods, 4 (2021) 100092]

Kaleda, Aleksi; Talvistu, Karel; Vaikma, Helen; Tammik, Mari-Liis; Rosenvald, Sirli; Vilu, Raivo Future foods 2022 / art. 100162
<https://doi.org/10.1016/j.fufo.2022.100162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How is sustainability perceived in the context of plant-based alternatives?

Vaikma, Helen; Kern, M.; Tvardik, N.; Rosenvald, Sirli; Dreyfuss, L.; Almli, V.; Harwood, W.; McEwan, J.A. Pangborn 2023: 15th Pangborn Sensory Science Symposium, Nantes, France, 20-24 August 2023 <https://www.pangbornsymposium.com/conference-programme.html>

Individual differences in sensitivity to bitterness focusing on oat and pea preparations

Vaikma, Helen; Metsoja, Grete; Bljahhina, Anastassia; Rosenvald, Sirli Future foods 2022 / art. 100206

<https://doi.org/10.1016/j.fufo.2022.100206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Market mapping of plant-based milk alternatives by using sensory (RATA) and GC analysis

Vaikma, Helen; Kaleda, Aleksi; Rosend, Julia; Rosenvald, Sirli Future foods 2021 / art. 100049

<https://doi.org/10.1016/j.fufo.2021.100049> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Microbiological, chemical, and sensorial characterisation of commercially available plant-based yoghurt alternatives

Part, Natalja; Kazantseva, Jekaterina; Rosenvald, Sirli; Kallastu, Aili; Vaikma, Helen; Kriščiunaite, Tiina; Pismennõi, Dmitri; Viiard, Ene Future foods 2023 / art. 100212, 10 p. : ill <https://doi.org/10.1016/j.fufo.2022.100212>

Overview: Plant-based alternatives from niche to mainstream

Vaikma, Helen; Rosenvald, Sirli; Arvola, Rene 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 67

Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen; Tammik, Mari-Liis**; Rosenvald, Sirli; **Vilu, Raivo** Future foods 2021 / art. 100092, 8 p. : ill <https://doi.org/10.1016/j.fupo.2021.100092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plant based milk alternatives - what makes them "milky"

Kalde, Helen; Rosenvald, Sirli; **Rosend, Julia**; Kaleda, Aleksei 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 60

Plant based proteins - Bitter or not bitter?

Metsoja, Grete; Vaikma, Helen; Rosenvald, Sirli EuroSense 2022 : Tenth European Conference on Sensory and Consumer Research, 13 - 16 September 2022, Turku, Finland 2022 / 1 p

Sensory and chemical profiles of Finnish honeys of different botanical origins and consumer preferences

Kortesniemi, Maaria; Rosenvald, Sirli; Laaksonen, Oskar; Vanag, Anita; Ollikka, Tarja; **Vene, Kristel**; Yang, Baoru Food chemistry 2018 / p. 351-359 : ill <https://doi.org/10.1016/j.foodchem.2017.10.069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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]

The current practice in the application of chemometrics for correlation of sensory and gas chromatographic data

Seisonen, Sirli; Vene, Kristel; Koppel, Kadri Food chemistry 2016 / p. 530-540 : ill <http://dx.doi.org/10.1016/j.foodchem.2016.04.134>

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/foods1209177>

The use of lipid oxidation indicators to assess the quality deterioration of potato chips during accelerated shelf-life tests

Leppik, Kärt; Lang, Hanna; Kuhtinskaja, Maria; Rosenvald, Sirli Journal of Food Stability 2022 / p. 1-20

<https://doi.org/10.36400/J.Food.Stab.5.2.2022-0015> <https://www.ajol.info/index.php/jfs/article/view/233766>

Toiduteadlane Sirli Rosenvald: teeme hernest lõhefileed, sest muidu ei jätku maailmas enam piisavalt toitu

Rumm, Hannes ekspress.ee 2023 [Toiduteadlane Sirli Rosenvald: teeme hernest lõhefileed, sest muidu ei jätku maailmas enam piisavalt toitu](#)

What would you want for a drink? Sensory mapping of plant-based milk alternatives

Vaikma, Helen; Kaleda, Aleksei; Rosend, Julia; Rosenvald, Sirli EUROSENSE 2020: 9th European Conference on Sensory and Consumer Research 2020