

#### **Application of the UHPLC-DIA-HRMS method for determination of cheese peptides**

**Arju, Georg**; Taivosalo, Anastassia; **Pismennõi, Dmitri**; **Lints, Taivo**; Vilu, Raivo; Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill <https://doi.org/10.3390/foods9080979> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Compound's pre-screening of withania somnifera, Baccopa monnieri and centella asiatica extracts**

**Witter, Steffi**; Arju, Georg; Junusova, Marina; **Kuhtinskaja, Maria**; **Samoson, Ago**; Witter, Raiker; Vilu, Raivo Journal of biosciences and medicines 2020 / p. 80-98 <https://doi.org/10.4236/jbm.2020.89007>

#### **Development and implementation of high throughput peptidomics for microbial studies = Suure läbilaskevõimega peptidoomika meetodite arendamine ja juurutamine mikrobioloogilisteks uuringuteks**

**Arju, Georg** 2022 <https://doi.org/10.23658/taltech.72/2022> <https://digikogu.taltech.ee/et/Item/321e304a-71ec-4331-9459-2ceba20d42ae> [https://www.ester.ee/record=b5530395\\*est](https://www.ester.ee/record=b5530395*est)

#### **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](#)

#### **Effect of $\beta$ -casein reduction and high heat treatment of micellar casein concentrate on proteolysis, texture and the volatile profile of resultant Emmental cheese during ripening**

Xia, Xiaofeng; **Arju, Georg**; Taivosalo, Anastassia; Lints, Taivo; Kriščiunaite, Tiina; **Vilu, Raivo**; Corrigan, Bernard M.; Gai, Nan; Fenelon, Mark A.; Tobin, John T.; Kilcawley, Kieran; Kelly, Alan L.; McSweeney, Paul L. H.; Sheehan, Jeremiah J. International dairy journal 2023 / art. 105540, 13 p. : ill <https://doi.org/10.1016/j.idairyj.2022.105540>

#### **Methodology for analysis of peptide consumption by yeast during fermentation of enzymatic protein hydrolysate supplemented synthetic medium using UPLC-IMS-HRMS**

**Arju, Georg**; **Berg, Hidde Yael**; **Lints, Taivo**; **Nisamedtinov, Ildar** Fermentation 2022 / art. 145 <https://doi.org/10.3390/fermentation8040145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The role of Opt and Fot oligopeptide transporters in covering the yeast nitrogen need during fermentation in a peptide rich environment**

**Berg, Hidde Yael**; **Arju, Georg**; Becerra-Rodriguez, Carmen; Galeote, Virginie; **Nisamedtinov, Ildar** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 151-152 [https://efbiotechnology.org/images/uploads/PYFF8\\_Abstract\\_book.pdf](https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf)

#### **Unlocking the secrets of peptide transport in wine yeast: insights into oligopeptide transporter functions and nitrogen source preferences**

**Berg, Hidde Yael**; **Arju, Georg**; Becerra-Rodriguez, Carmen; Galeote, Virginie; **Nisamedtinov, Ildar** Applied and environmental microbiology 2023 / art. e0114123 <https://doi.org/10.1128/aem.01141-23>

#### **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](#)