

Characterisation of furcellaran samples from Estonian *Furcellaria lumbricalis* (Rhodophyta)

Laos, Katrin; Ring, Stephen G. Journal of applied phycology 2005 / p. 461-464 : ill

Colloid food additives from red and brown algae of the Baltic Sea : structure and rheology

Vaher, Merike; Truus, Kalle; **Menert, Anne**; **Pehk, Tõnis** 1st Nordic-Baltic Meeting on Surface and Colloid Science : August 21-25, 1999, Vilnius, Lithuania : program and abstracts 1999 / p. 77

Composition and structure of summary polysaccharide from the red alga *Furcellaria lumbricalis*

Vaher, Merike; Truus, Kalle; Taure, Imants; Leito, Ivo; Lahe, Lilja; **Kallavus, Urve**; **Pehk, Tõnis** Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 2, p. 51-59: ill

Crucial gel-forming processes of red algal galactans [Electronic resource]

Tuvikene, Rando; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis** World Polymer Congress : 41st International Symposium on Macromolecules : MACRO 2006 : 16-21 July 2006, Rio de Janeiro, Brazil 2006 / [CD-ROM]

Dependence of the interaction of Furcellaran between the globular proteins bovine serum albumin and [beeta]-lactoglobulin on pH

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Proceedings of 4th International Congress on Food Technology. Volume 1 2005 / p. 337-346 : ill

Development of furcellaran and furcellaran-bovine serum albumin films to improve food quality and safety

Laos, Katrin; Mironova, Marina; **Friedenthal, Margus** INTRADFOOD2005 : Innovations in Traditional Foods : Valencia, 25 to 28 October, 2005 : congress proceedings. Volume II 2005 / p. 1343-1346

Development of furcellaran and furcellaran-bovine serum albumin films to improve food quality and safety

Laos, Katrin; Mironova, Marina; **Friedenthal, Margus** INTRADFOOD2005 : Innovations in Traditional Foods : delegate manual : 25-28 October, 2005, Valencia, Spain 2005 / p. P5.55

Ekstraktsioon ja keemiline töötlus kõrgekvaliteetsete karraginaanide saamiseks

Tuvikene, Rando; Robal, Marju; Ikart, A.-L.; Truus, K.; **Mellikov, Enn**; **Pehk, Tõnis** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 169-170

Extraction and quantification of hybrid carrageenans from the biomass of the red algae *Furcellaria lumbricalis* and *Coccotylus truncatus*

Tuvikene, Rando; Truus, Kalle; **Vaher, Merike**; **Kailas, Tiit**; Martin, Georg; Kersen, Priit Proceedings of the Estonian Academy of Sciences. Chemistry 2006 / 1, p. 40-53 : ill

Formulating dairy and fish products with inclusion of furcellaran from the red algae stratum of Baltic Sea

Friedenthal, Margus; **Vokk, Raivo**; **Sirendi, Meelis**; Rand, E.; **Laos, Katrin** NMFST 2000 : Nutritionists Meet Food Scientists and Technologists : 12-14 April 2000, Portugal : abstract book 2000 / p. 143

Gel strength and encapsulation efficiency of furcellaran beads

Lõugas, Tiina; **Laos, Katrin**; **Mändmets, Aire**; **Vokk, Raivo**; **Friedenthal, Margus** Proceedings of 4th International Congress on Food Technology. Volume 1 2005 / p. 171-176 : ill

Hübrüidsed karraginaanid punavetikate *Furcellaria lumbricalis* ja *Coccotylus truncatus* koosluse biomassist

Tuvikene, Rando; Truus, Kalle; **Vaher, Merike**; Kersen, Priit XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 123-124

Impact of short-term heat treatment on the structure and functional properties of carrageenans = Lühiajalise termilise töötamise mõju karraginaanide struktuurile ja funktsionaalsetele omadustele

Eha, Kairit 2022 <https://doi.org/10.23658/taltech.22/2022> <https://digikogu.taltech.ee/et/Item/a1b25640-c11b-4e62-8226-85238d5352dc>
https://www.eester.ee/record=b5502795*est

Industrial exploitation of the algal stratum from Kassari Bay (the Baltic Sea, Estonia)

Vaher, M.; Truus, Kalle; **Sarapuu, M.**; **Pehk, Tõnis**; Kukk, H.; Kollist, A. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 158

Interaction of furcellaran with proteins

Laos, Katrin; Ring, Stephen G.; Noel, Timothy R. The Twelfth Gums and Stabilisers for the Food Industry Conference : 24-27 June 2003, Wrexham, UK : book of abstracts 2003 / p. 84

Interactions between furcellaran and the globular proteins bovine serum albumin and [beeta]-lactoglobulin

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Carbohydrate polymers 2007 / p. 116-123 : ill

Interactions between furcellaran and the globular proteins (bovine serum albumin, [beta]-lactoglobulin)

Laos, Katrin 2005 https://www.ester.ee/record=b2097238*est

Kas biomajandus saab sinine olla?

Kindsigo, Merit digi.geenius.ee 2023 [Kas biomajandus saab sinine olla?](#)

Läänemere vetikaplasti töenduslik kasutamine

Vaher, M.; Truus, Kalle; **Sarapuu, M.**; **Pehk, Tõnis**; Kukk, H.; Kollist, A. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 150

Piima ja tema koostisosade mõju furtsellaraani geelide tekstuursetele omadustele

Laos, Katrin; **Sirendi, Meelis**; **Eha, Kairit**; **Friedenthal, Margus** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 70

Prostaglandiinide biosüntees punavetikates

Varvas, Külliki; **Hansen, Kristella**; **Kasvandik, Sergo** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 106

Prostaglandin synthesis in marine arthropods and red algae = Prostaglandiinide süntees mere lüljalgsetes ja punavetikates

Hansen, Kristella 2015 https://www.ester.ee/record=b4442497*est

Red algal galactans: nature-reserving isolation, analysis and possible applications in nanotechnology

Tuvikene, Rando; Truus, Kalle; **Kallavus, Urve**; **Vaher, Merike**; **Pehk, Tõnis** Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 120 : ill

Rheological properties of gels formed with furcellaran and globular proteins bovine albumin and [beeta]-lactoglobulin

Laos, Katrin; Brownsey, Geoffrey J.; **Friedenthal, Margus**; Ring, Stephen G. Annual transactions The Nordic Rheology Society 2005 / p. 269-275 : ill

Structural and catalytic insights into the algal prostaglandin H synthase reveal atypical features of the first non-animal cyclooxygenase

Varvas, Külliki; **Kasvandik, Sergo**; **Hansen, Kristella**; **Järving, Ivar**; **Morell, Indrek**; **Samel, Nigulas** Biochimica et biophysica acta : molecular and cell biology of lipids 2013 / p. 863-871 : ill <https://doi.org/10.1016/j.bbalip.2012.11.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural and compositional characteristics of gelling galactan from the red alga Ahnfeltia tobuchiensis (Ahnfeltiales, the Sea of Japan)

Truus, Kalle; Tuvikene, Rando; **Vaher, Merike**; **Kailas, Tiiu**; Toomik, Peeter; **Pehk, Tõnis** Carbohydrate polymers 2006 / p. 130-135 : ill https://www.sciencedirect.com/translate/goog/science/article/abs/pii/S0144861705003759?_x_tr_sl=en&_x_tr_tl=et&_x_tr_hl=et&_x_tr_pto=sc

Structural and compositional characteristics of gelling galactan from the red alga Ahnfeltia tobuchiensis (Ahnfeltiales, the sea of Japan)

Truus, Kalle; Tuvikene, Rando; **Vaher, Merike**; **Kailas, Tiiu**; Toomik, Peeter; **Pehk, Tõnis** Carbohydrate polymers 2005 / [6] p. : ill. [ilmumas?] https://www.researchgate.net/publication/229420426_Structural_and_compositional_characteristics_of_gelling_galactan_from_the_red_alga_Ahnfeltia_tobuchiensis_Ahnfeltiales_the_Sea_of_Japan

Structure and thermal stability of pyruvated carrageenans from the red alga Coccotylus truncatus

Tuvikene, Rando; Truus, Kalle; Robal, Marju; **Pehk, Tõnis**; **Kailas, Tiiu**; **Vaher, Merike**; Paalme, Tiina Carbohydrate research 2009 / p. 788-794 : ill <https://www.sciencedirect.com/science/article/pii/S0008621509000366>

The extraction and recovery of gelling galactans from the red algae stratum of Kassari bay in the Baltic Sea

Laos, Katrin Food and nutrition = Toit ja toitumine 2001 / p. 59-60

The extraction, structure, and gelling properties of hybrid galactan from the red alga Furcellaria lumbricalis (Balti Sea, Estonia)

Tuvikene, Rando; Truus, Kalle; Robal, Marju; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis**; Kollist, Andres; **Kailas, Tiiu**; **Vaher, Merike** Journal of applied phycology 2009 / [13] p.: ill <https://link.springer.com/article/10.1007/s10811-009-9425-x>

The extraction, structure, and gelling properties of hybrid galactan from the red alga Furcellaria lumbricalis (Baltic Sea, Estonia)

Tuvikene, Rando; Truus, Kalle; Robal, Marju; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis**; Kollist, Andres; **Kailas, Tiiu**; **Vaher, Merike** Journal of applied phycology 2010 / p. 51-63 : ill <https://link.springer.com/article/10.1007/s10811-009-9425-x>

The interactions between furcellaran and milk proteins (BSA, BLG)

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Marine Biopolymers : Structure, Functionality and Applications : June 27-29,

2004, Trondheim, Norway : a satellite to the XVIII International Seaweed Symposium : programme. Abstracts for oral and poster presentations 2004 / p. P8

Исследование возможностей получения агара из красных водорослей Балтийского моря

Теракс, Т.; Kask, Karl X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 185-186

https://www.ester.ee/record=b1749611*est <http://www.digar.ee/id/nlib-digar:376945>

Исследование возможностей производства агара из красных водорослей Балтийского моря

Теракс, Т.; Kask, Karl Сборник научных трудов студентов. 4 1965 / с. 109-116 : илл https://www.ester.ee/record=b2181987*est

<https://digikogu.taltech.ee/et/Item/15040af2-b264-4339-b7b1-c0140de7d1c1>