

Analysis of bioactive ingredients in the brown alga *Fucus vesiculosus* by capillary electrophoresis and neutron activation analysis

Truus, Kalle; **Vaher, Merike; Koel, Mihkel**; Mähar, Andres; Taure, Imants Analytical and bioanalytical chemistry 2004 / 5/6, p. 849-852 : ill

Characterization of polysaccharide gels by gradient NMR and microscopy methods : a comparative study

Tuvikene, Rando; Matsukawa, Shingo; Ogawa, Hiroo; Robal, Marju; Truus, Kalle; **Volobujeva, Olga; Mellikov, Enn** IUPAC International Congress on Analytical Sciences 2011 : 22-26 May 2011, Kyoto, Japan 2011 / p. 23P195

Characterization of the yew tree (*Taxus*) subspecies by fingerprints and principal components analysis

Vaher, Merike; Borissova, Maria; Truus, Kalle; Tuvikene, Rando; Robal, Marju; **Kaljurand, Mihkel** IUPAC International Congress on Analytical Sciences 2011 : 22-26 May 2011, Kyoto, Japan 2011 / p. 23P059

Characterization of yew tree (*Taxus*) varieties by fingerprint and principal component analyses

Truus, Kalle; **Vaher, Merike; Borissova, Maria**; Robal, Marju; **Levandi, Tuuli**; Tuvikene, Rando; Toomik, Peeter; **Kaljurand, Mihkel** Natural product communications 2012 / p. 1143-1146 : ill <https://pubmed.ncbi.nlm.nih.gov/23074891/>

Characterization of yew tree (*Taxus*) varieties by fingerprint and principal component analyses

Truus, Kalle; **Vaher, Merike; Borissova, Maria**; Robal, Marju; **Levandi, Tuuli**; Tuvikene, Rando; Toomik, Peeter; **Kaljurand, Mihkel** Natural product communications 2012 / p. 1143-1146 <https://pubmed.ncbi.nlm.nih.gov/23074891/>

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

Comparative determination of microelements in Baltic seawater and brown algae samples by atomic absorption spectrometric and inductively coupled plasma methods

Truus, Kalle; **Viitak, Anu; Vaher, Merike; Muinasmaa, Urmas; Paasrand, Keddy**; Tuvikene, Rando; **Levandi, Tuuli** Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / 3, p. 122-133 : ill

Complex investigation of composition of the brown alga *Fucus vesiculosus* (The Baltic Sea) by different instrumental methods

Vaher, Merike; Truus, Kalle; **Koel, Mihkel; Pehk, Tõnis**; Taure, Imants; **Viitak, Anu** IMA'03 : 3rd International Conference : Instrumental Methods of Analysis Modern Trends and Applications : 23-27 September 2003, Thessaloniki, Greece : conference proceedings 2003 / p. 238-240 : ill

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]

Determination of metallic and non-metallic elements in coastal seawater and in algal biomass by atomic absorption spectrometry using colloidal palladium modifier

Viitak, Anu; Volynsky, Anatoly B.; Truus, Kalle; **Vaher, Merike; Levandi, Tuuli** 4th International Conference, Instrumental Methods of Analysis Modern Trends and Applications 2005 / p. 371

Eesti rannikumere pruunvetikad indikaatorina Läänemere toksiliste elementide reostuse hindamisel

Levandi, Tuuli; Viitak, Anu; Truus, Kalle; Paasrand, Keddy; Tuvikene, Rando; **Vaher, Merike** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 56-57

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

Hübriidsed 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

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

Kuidas edasi? Siin Tallinnas : Tallinna ülikooliasju tuleb ajada analüüsivamalt : [TTÜ ja TPÜ liitmise asemel koostöö arendamine]

Arvisto, Mait; Truus, Kalle Postimees 2001 / 11. jaan., lk. 18 <https://arvamus.postimees.ee/1844951/kuidas-edasi-siin-tallinnas>

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

Pruunvetikate *Fucus vesiculosus* ja neist eraldatud alginaatide kompleksuuring

Truus, Kalle; Vaher, Merike; Saal, K.; Lõhmus, A.; Pehk, Tõnis XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 145

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

Research of algal polysaccharides and related natural compounds in Estonia

Truus, Kalle; Vaher, Merike Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / 1, p. 20-37 : ill

Riiklik toidukontroll peaks olema mõjus

Truus, Kalle; Vilu, Raivo Postimees 1996 / 2. aug., lk. 7

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, Tiit; 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

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, Tiit; Toomik, Peeter; Pehk, Tõnis Carbohydrate polymers 2006 / p. 130-135

: ill https://www.sciencedirect.com.translate.google.com/science/article/abs/pii/S0144861705003759?_x_tr_sl=en&_x_tr_tl=et&_x_tr_hl=et&_x_tr_pto=sc

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

Tuvikene, Rando; Truus, Kalle; Robal, Marju; Pehk, Tõnis; Kailas, Tiit; Vaher, Merike; Paalme, Tiina Carbohydrate research 2009 /

p. 788-794 : ill <https://www.sciencedirect.com/science/article/pii/S0008621509000366>

The Baltic brown alga *Fucus vesiculosus* as a potential raw material for alginate production

Vaher, M.; Truus, Kalle; Ivask, Kaare; Kaljurand, Mihkel 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 78

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, Tiit; 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, Tiit; Vaher,

Merike Journal of applied phycology 2010 / p. 51-63 : ill <https://link.springer.com/article/10.1007/s10811-009-9425-x>

Thermal stability of red algal galactans: Effect of molecular structure and counterions

Robal, Marju; Truus, Kalle; Volobujeva, Olga; Mellikov, Enn; Tuvikene, Rando International journal of biological macromolecules

2017 / p. 213-223 : ill <https://doi.org/10.1016/j.jbiomac.2017.05.175> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Vetikapolüsahhariidide termostabiilsus : struktuur-omadus seosed

Robal, Marju; Tuvikene, Rando; Truus, Kalle; Volobujeva, Olga; Mellikov, Enn; Pehk, Tõnis XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 19 : ill

Üld- ja anorgaanilise keemia praktikum

Hödrejäär, Helvi; Truus, Kalle 2002 http://www.ester.ee/record=b1682567*est

Üld- ja anorgaanilise keemia praktikum

Hödrejärv, Helvi; Truus, Kalle 2006 https://www.eester.ee/record=b2178307*est