

## 2019

- 1.I. Urbanaviciute, M. Liaudanskas, **D. Seglina**, P. Viškelis (2019) Japanese Quince *Chaenomeles Japonica* (Thunb.) Lindl. ex Spach Leaves a New Source of Antioxidants for Food. International Journal of Food Properties, Volume 22, Issue 1.

<https://www.tandfonline.com/doi/full/10.1080/10942912.2019.1609984>

<https://doi.org/10.1080/10942912.2019.1609984>

2. Górnaś, P., Siger, A., Rudzińska, M., Grygier, A., Marszałkiewicz, S., Ying, Q., Sobieszczńska, N., **Seglina, D.** (2019). *Impact of the Extraction Technique and Genotype on the Oil Yield and Composition of Lipophilic Compounds in the Oil Recovered from Japanese Quince (Chaenomeles japonica) Seeds*. European Journal of Lipid Science and Technology, 121, 1800262. DOI: 10.1002/ejlt.201800262

<https://onlinelibrary.wiley.com/doi/full/10.1002/ejlt.201800262>

## 2018

1. Krasnova I., **Seglina D.**, Pole V. (2018) The effect of pre-treatment methods on the quality of dehydrated candied Japanese quince fruits during storage. Journal of Food Science and Technology. 55(11), pp 4468–4476.  
<https://link.springer.com/article/10.1007%2Fs13197-018-3375-8>
2. Krasnova, I., **Seglina, D.**, Aboltins, A., Juhnevica, K. and Karklina, D. (2018). Quality maintenance of fresh-cut apple salad by using different anti-browning agents. Acta Hort. 1209, 217-224. DOI: 10.17660/ActaHortic.2018.1209.31  
<https://doi.org/10.17660/ActaHortic.2018.1209.31>
3. **Seglina, D.**, Krasnova, I., Kviesis, J., Kviesis, K. and Gailite, I. (2018). The effect of sweeteners and inhibitors on the quality of fresh-cut pear slices after freezing. Acta Hort. 1209, 209-216. DOI: 10.17660/ActaHortic.2018.1209.30
4. L. Liepa, E. Zolnere, I. Dūrītis, I. Krasnova and **D. Seglina** (2018) “Effects of Hippophae Rhamnoides L. Leaf and Marc Extract with Reduced Tannin Concentration on the Health and Growth Parameters of Newborn Calves”, European Journal of Medicinal Plants, 22(1) 1-11, <https://doi.org/10.9734/EJMP/2018/38537>
5. Karina Juhnevica-Radenkova, Vitalijs Radenkovs, Karlis Kundzins, and **Dalija Seglina** (2018) Effect of ozone treatment on the microstructure, chemical composition and sensory quality of apple fruits. Food Science and Technology International (FST), pp. 1–16. <https://doi.org/10.1177/1082013218815285>
6. Radenkovs, V., Pūssa, T., Juhnevica-Radenkova, K., Anton, D., **Seglina, D.** (2018). Phytochemical characterization and antimicrobial evaluation of young leaf/shoot and press cake extracts from Hippophae rhamnoides L. Food Bioscience, Volume 24, pp. 56-66. <https://doi.org/10.1016/j.fbio.2018.05.010>
7. Radenkovs, V., Juhnevica-Radenkova, K., Górnaś, P., **Seglina, D.** (2018). Non-waste technology through the enzymatic hydrolysis of agro-industrial by-products. Trends in Food Science & Technology, Volume 77, pp. 64-76.  
<https://doi.org/10.1016/j.tifs.2018.05.013>

## 2017

1. Karina Juhnevica-Radenkova, Vitalijs Radenkovs and **Dalija Seglina**. (2017) Effect of storage technology on structure and physical attributes of apples (*Malus × domestica* Borkh.) American-Eurasian Journal of Sustainable Agriculture, Volume 11 (4), pp. 8-22. <http://www.aensiweb.net/AENSIWEB/aejsa/aejsa/2017/July/8-22.pdf>
2. Anda Valdovska, Daiga Gāliņa, Inta Krasnova and **Dalija Segliņa** "Antibacterial activity of some plants of traditional herbal medicine in vitro against Escherichia coli originated from liquid pig manure", Proceeding ICBBB '17 Proceedings of the 7th International Conference on Bioscience, Biochemistry and Bioinformatics, Pages 56-61, <https://dl.acm.org/citation.cfm?id=3051178>
3. Anita Olsteine, Maira Laterere, Lolita Paegle, Sigitā Boca, **Dalija Seglina**, Imants Skrupskis "Possibilities for providing healthy nutrition for developing children in primary schools in Latvia", proceedings of THE LATVIAN ACADEMY OF SCIENCES. Section B, Vol. 71 (2017), No. 6 (711), pp. 20–30. <https://content.sciendo.com/view/journals/prolas/71/6/article-p447.xml>
5. Krasnova I., Misina I., **Seglina D.**, Aboltins A., Karklina D., (2017) Application of different anti-browning agents in order to preserve the quality of apple slices. Foodbalt 2017 conference proceedings, 105-111p. [http://llufb.llu.lv/conference/foodbalt/2017/Krasnova\\_Misina\\_Seglina\\_Aboltins\\_Karklina\\_FoodBalt2017.pdf](http://llufb.llu.lv/conference/foodbalt/2017/Krasnova_Misina_Seglina_Aboltins_Karklina_FoodBalt2017.pdf)

## 2016

1. Górnaś, P., Mišina, I., Krasnova, I., **Segliņa, D.** (2016). Tocopherol and tocotrienol contents in the sea buckthorn berry beverages in Baltic countries: Impact of the cultivar. Fruits, 71, 1–7. <http://www.fruits-journal.org/articles/fruits/abs/2016/06/fruits150111/fruits150111.html>
2. Radenkovs, V., Kaufmane, E., Rubauskis, E., **Segliņa, D.** Preliminary results on the effect of 1-methylcyclopropene on quality of plums grown in Latvia (2016) Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, Volume 70, Issue 1 Pages 21–28. <https://www.degruyter.com/view/j/prolas.2016.70.issue-1/prolas-2016-0004/prolas-2016-0004.xmlv>
3. Górnaś, P., Rudzińska, M., Raczyk, M., Mišina, I., **Segliņa, D.** (2016). Impact of the cultivar on the profile and concentration of lipophilic bioactive compounds in kernel oils recovered from sweet cherry (*Prunus avium* L.) by-products. Plant Foods for Human Nutrition, 71, 158–164. <http://link.springer.com/article/10.1007%2Fs11130-016-0538-5>
4. Mildner-Szkudlarz, S., Bajerska, J., Górnaś, P., **Segliņa, D.**, Pilarska, A., Jesionowski, T. (2016). Raspberry and cranberry pomace: its implications on physical properties and

bioactive compounds stability during the muffins making process. *Plant Foods for Human Nutrition*, 71, 165–173.

<http://link.springer.com/article/10.1007%2Fs11130-016-0539-4>

5. Górnaś, P., Rudzińska, M., Raczyk, M., Mišina, I., Soliven, A., **Segliņa, D.** (2016). Composition of bioactive compounds in kernel oils recovered from sour cherry (*Prunus cerasus* L.) by-products: Impact of the cultivar on potential applications. *Industrial Crops and Products*, 82, 44–50.  
<http://www.sciencedirect.com/science/article/pii/S0926669015305999>
6. Górnaś, P., Rudzińska, M., Raczyk, M., Mišina, I., Soliven, A., Lācis, G., **Segliņa, D.** (2016). Impact of the species and variety on the concentrations of minor lipophilic bioactive compounds in oils recovered from plum kernels. *Journal of Agricultural and Food Chemistry*, 64, 898–905.  
<http://pubs.acs.org/doi/abs/10.1021/acs.jafc.5b05330?journalCode=jafcau&>
7. Górnaś, P., Juhņeviča-Radenkova, K., Radenkovs, V., Mišina, I., Pugajeva, I., Soliven, A. **Segliņa, D.** (2016). The impact of different baking conditions on the stability of the extractable polyphenols in muffins enriched by strawberry, sour cherry, raspberry or black currant pomace. *LWT - Food Science and Technology*, 65, 946–953.  
<http://www.sciencedirect.com/science/article/pii/S0023643815302000>
8. Górnaś, P., Rudzińska, M., Raczyk, M., Mišina, I., Soliven, A., **Segliņa, D.** (2016). Chemical composition of seed oils recovered from different pear (*Pyrus communis* L.) cultivars. *Journal of the American Oil Chemists' Society*, 93, 267–274.  
<http://link.springer.com/article/10.1007%2Fs11746-015-2768-3>
9. Bajerska, J., Mildner-Szkudlarz, S., Górnaś, P., **Segliņa, D.** (2016). The effects of muffins enriched with sour cherry pomace on acceptability, glycemic response, satiety and energy intake: a randomized crossover trial. *Journal of the Science of Food and Agriculture*, 96, 2486–2493.  
<http://onlinelibrary.wiley.com/doi/10.1002/jsfa.7369/abstract;jsessionid=243B915DE0AD9E869AA00E9050FC72F2.f04t02>
10. Górnaś, P., Šnē, E., Siger, A., **Segliņa, D.** (2016). Sea buckthorn (*Hippophae rhamnoides* L.) vegetative parts as an unconventional source of lipophilic antioxidants. *Saudi Journal of Biological Sciences*, 23, 512–516.  
<http://www.sciencedirect.com/science/article/pii/S1319562X15001308>
11. Karina Juhņevica-Radenkova, Vitalijs Radenkovs, **Dalija Segliņa** (2016) Microbiological changes and severity of decay in apples stored for a long-term under different storage conditions. *Zemdirbyste*, Volume 103, Issue 4, pp. 391–396.  
[http://www.zemdirbyste-agriculture.lt/wp-content/uploads/2016/11/103\\_4\\_str50.pdf](http://www.zemdirbyste-agriculture.lt/wp-content/uploads/2016/11/103_4_str50.pdf)
12. Karina Juhņevica-Radenkova, Vitalijs Radenkovs, **Dalija Segliņa** (2016) Influence of 1-MCP treatment and storage conditions on the development of microorganisms on the surface of apples grown in Latvia. *Zemdirbyste*, Volume 103, Issue 2, pp. 215–220.  
[http://www.zemdirbyste-agriculture.lt/wp-content/uploads/2016/05/103\\_2\\_str28.pdf](http://www.zemdirbyste-agriculture.lt/wp-content/uploads/2016/05/103_2_str28.pdf)

## 2015

1. Górnaś, P., Mišina, I., Olšteine, A., Krasnova, I., Pugajeva, I., Lācis, G., Siger, A., Michalak, M., Soliven, A., **Segliņa, D.** (2015). Phenolic compounds in different fruit parts of crab apple: Dihydrochalcones as promising quality markers of industrial apple pomace by-products. *Industrial Crops and Products*, 74, 607–612.  
<http://www.sciencedirect.com/science/article/pii/S0926669015301114>
2. Górnaś, P., Mišina, I., Grāvīte, I., Lācis, G., Radenkovs, V., Olšteine, A., **Segliņa, D.**, Kaufmane, E., Rubauskis, E. (2015). Composition of tocochromanols in the kernels recovered from plum pits: the impact of the varieties and species on the potential utility value for industrial application. *European Food Research and Technology*, 241, 513–520. <http://link.springer.com/article/10.1007/s00217-015-2480-4>
3. Górnaś, P., Mišina, I., Lāce, B., Lācis, G., **Segliņa, D.** (2015). Tocochromanols composition in seeds recovered from different pear cultivars: RP-HPLC/FLD and RP-UPLC-ESI/MS<sup>n</sup> study. *LWT - Food Science and Technology*, 62, 104–107.  
<http://www.sciencedirect.com/science/article/pii/S0023643815000419>
4. Górnaś, P., Mišina, I., Grāvīte, I., Soliven, A., Kaufmane, E., **Segliņa, D.** (2015). Tocochromanols composition in kernels recovered from different apricot varieties: RP-HPLC/FLD and RP-UPLC-ESI/MS<sup>n</sup> study. *Natural Product Research*, 29, 1222–1227.  
<http://www.tandfonline.com/doi/abs/10.1080/14786419.2014.997727?journalCode=gnpl20>
5. Makarova, E., Górnaś, P., Konrade, I., Tirzite, D., Cirule, H., Gulbe, A., Pugajeva, I., **Segliņa, D.**, Dambrova, M. (2015). Acute anti-hyperglycaemic effects of an unripe apple preparation containing phlorizin in healthy volunteers: a preliminary study. *Journal of the Science of Food and Agriculture*, 95, 560–568.  
<http://onlinelibrary.wiley.com/doi/10.1002/jsfa.6779/abstract>
6. Górnaś, P., Mišina, I., Ruisa, S., Rubauskis, E., Lācis, G., **Segliņa, D.** (2015). Composition of tocochromanols in kernels recovered from different sweet cherry (*Prunus avium* L.) cultivars: RP-HPLC/FLD and RP-UPLC-ESI/MS<sup>n</sup> study. *European Food Research and Technology*, 240, 663–667.  
<http://link.springer.com/article/10.1007%2Fs00217-014-2382-x>
7. Górnaś, P., Soliven A., **Segliņa, D.** (2015). Seed oils recovered from industrial fruit by-products are a rich source of tocopherols and tocotrienols: Rapid separation of  $\alpha/\beta/\gamma/\delta$  homologues by RP-HPLC/FLD. *European Journal of Lipid Science and Technology*, 117, 773–777.  
<http://onlinelibrary.wiley.com/doi/10.1002/ejlt.201400566/abstract>

## 2014

1. Górnaś, P., Pugajeva, I., **Segliņa, D.** (2014). Seeds recovered from by-products of selected fruit processing as a rich source of tocochromanols: RP-HPLC/FLD and RP-UPLC-ESI/MS<sup>n</sup> study. *European Food Research and Technology*, 239, 519–524.  
<http://link.springer.com/article/10.1007%2Fs00217-014-2247-3>

2. Tikuma, B., Liepniece, M., Sterne, D., Abolins, M., **Seglina D.**, Krasnova, I. (2014) Preliminary results of biochemical composition of two cranberry species grown in Latvia. *Acta Horticulturae*, Volume 1017, 13, Pages 209-214.  
[http://www.actahort.org/books/1017/1017\\_26.htm](http://www.actahort.org/books/1017/1017_26.htm)
3. Górnaś, P., **Segliņa, D.**, Lacis, G., Pugajeva, I. (2014). Dessert and crab apple seeds as a promising and rich source of all four homologues of tocopherol ( $\alpha$ ,  $\beta$ ,  $\gamma$  and  $\delta$ ). *LWT - Food Science and Technology*, 59, 211–214.  
<http://www.sciencedirect.com/science/article/pii/S0023643814002758>
4. Górnaś, P., Siger, A., Pugajeva, I., **Segliņa, D.** (2014). Sesamin and sesamol as unexpected contaminants in various cold-pressed plant oils: NP-HPLC/FLD/DAD and RP-UPLC-ESI/MS<sup>n</sup> study. *Food Additives and Contaminants - Part A*, 31, 567–573.  
<http://www.tandfonline.com/doi/abs/10.1080/19440049.2014.884285>
5. Górnaś, P., Siger, A., Czubinski, J., Dwiecki, K., **Segliņa, D.**, Nogala-Kalucka, M. (2014). An alternative RP-HPLC method for the separation and determination of tocopherol and tocotrienol homologues as butter authenticity markers: A comparative study between two European countries. *European Journal of Lipid Science and Technology*, 116, 895–903.  
<http://onlinelibrary.wiley.com/doi/10.1002/ejlt.201300319/abstract>
6. Górnaś, P., Šne, E., Siger, A., **Segliņa, D.** (2014). Sea buckthorn (*Hippophae rhamnoides* L.) leaves as valuable source of lipophilic antioxidants: The effect of harvest time, sex, drying and extraction methods. *Ind. Crops and Products*, 60, 1–7.  
<http://www.sciencedirect.com/science/article/pii/S0926669014003331>
7. Górnaś, P., Rudzińska, M., **Segliņa, D.** (2014). Lipophilic composition of eleven apple seed oils: A promising source of unconventional oil from industry by-products. *Industrial Crops and Products*, 60, 86–91.  
<http://www.sciencedirect.com/science/article/pii/S0926669014003367>
8. Górnaś, P., Siger, A., Juhņeviča, K., Lācis, G., Šnē, E., **Segliņa, D.** (2014). Cold-pressed Japanese quince (*Chaenomeles japonica* (Thunb.) Lindl. ex Spach) seed oil as a rich source of  $\alpha$ -tocopherol, carotenoids and phenolics: A comparison of the composition and antioxidant activity with nine other plant oils. *European Journal of Lipid Science and Technology*, 116, 563–570.  
<http://onlinelibrary.wiley.com/doi/10.1002/ejlt.201300425/abstract>
9. Karina Juhnevica-Radenkova, Liga Skudra, Mara Skrivele, Vitalijs Radenkovs, **Dalija Seglina**. (2014). Impact of the degree of maturity on apple quality during the shelf life. *Proceedings of 9th Baltic Conference on Food Science and Technology*, pp 161-167.  
[http://lufb.ltu.lv/conference/foodbalt/2014/FoodBalt\\_Proceedings\\_2014-161-166.pdf](http://lufb.ltu.lv/conference/foodbalt/2014/FoodBalt_Proceedings_2014-161-166.pdf)

## 2013

1. Górnaś, P., Siger, A., **Segliņa, D.** (2013). Physicochemical characteristics of the cold-pressed Japanese quince seed oil: New promising unconventional bio-oil from by-products for the pharmaceutical and cosmetic industry. *Industrial Crops and Products*, 48, 178–182.

<http://www.sciencedirect.com/science/article/pii/S0926669013001787>

2. Juhneviča K., Skudra L., Skrīvele M., Radenkovs V., **Seglina D.**, Stepanovs A. (2013). Effect of 1-methylcyclopropene treatment on sensory characteristics of apple fruit. *Environmental and Experimental Biology*. Volume 11, pp. 99–105. [http://eeb.lu.lv/EEB/201306/EEB\\_11\\_Juhneviča.pdf](http://eeb.lu.lv/EEB/201306/EEB_11_Juhneviča.pdf)
3. Karina Juhņeviča-Radenkova, Inese Drudze, **Dalija Segliņa**, Inta Krasnova, Anita Olšteine, Edīte Kaufmane. (2013). 1-Metilciklopropēna (1-MCP) ietekme uz ābolu kvalitāti glabāšanas laikā. Vietējo Resursu (zemes dziļu, meža, pārtika un transporta) ilgtspējīga izmantošana - jauni produkti un tehnoloģijas (NatRes) *Rakstu krājums*. pp. 207-211. [http://www.kki.lv/dokumenti/VPP\\_NatRes\\_Rakstu\\_Krajums.pdf](http://www.kki.lv/dokumenti/VPP_NatRes_Rakstu_Krajums.pdf)
4. **Segliņa D.**, Olšteine A., Krasnova I., Juhņeviča K., Šnē E. (2013). Effect of spices on the sea buckthorn nectar quality properties. In Singh, V. (Ed.), *Seabuckthorn (Hippophae L.): A Multipurpose Wonder Plant, Vol. IV: Emerging Trends in Research and Technologies*”, pp. 507-517.
5. **Seglina D.**, Olsteine A., Krasnova I., Juhneviča K. (2013). Use of Packaging Materials for Extending the Shelf Life of Diploid Plum Variety ‘Kometa’. *Proceedings of the Latvian Academy of Sciences, Section B, Vol. 67, pp. 174-178.*, <http://www.degruyter.com/view/j/prolas.2013.67.issue-2/issue-files/prolas.2013.67.issue-2.xml>
6. Šnē E., **Segliņa D.**, Galoburda R., Krasnova I. (2013). Phenol content and antioxidant activity of the ethanolic and aqueous extracts from sea buckthorn (*Hippophae rhamnoides L.*) vegetative parts. Volume (IV) entitled “Seabuckthorn (*Hippophae L.*)-A Multipurpose Wonder Plant. Vol. IV: Emerging Trends in Research and Technologies”, Delhi: Daya Publishing House, pp. 442-453.
7. Krasnova I., Dukaļska L., **Segliņa D.**, Mišina I., Kārklīņa D. (2013). Influence of anti-browning inhibitors and biodegradable packaging on the quality of fresh-cut pears. *Proceedings of the Latvian Academy of Sciences, Section B, Vol. 67, No.2 (683), pp. 167-173.*
8. Kaufmane E., Skrīvele M., Rubauskis E., Strautiņa S., Ikase L., Lācis G., **Segliņa D.**, Moročko-Bičevska I., Ruisa S., Priekule I. (2013). Development of fruit science in Latvia. *Proceedings of the Latvian Academy of Sciences, Section B, Vol. 67, No.2 (683), pp. 71-83.*
9. Inta Krasnova, Lija Dukaļska, **Dalija Segliņa**, Inga Mišina, Daina Kārklīņa (2013). Influence of Anti-Browning Inhibitors and Biodegradable Packaging on the Quality of Fresh-Cut Pears. *Proceedings of the Latvian Academy of Sciences. Section B. Natural, Exact, and Applied Sciences. Volume 67, Issue 2, Pages 167–173*  
<https://www.degruyter.com/view/j/prolas.2013.67.issue-2/prolas-2013-0026/prolas-2013-0026.xml>
10. Boca S., Galoburda R., Krasnova I., **Seglina D.**, Aboltins A., Skrupskis I. (2013). Evaluation of Rheological Properties of Apple Mass Based Desserts, In: *Proceedings XXXIV International Conference on Agricultural, Food and Nutritional Sciences. Šveice, Čīrihe*, pp. 2077–2081.

## 2012

1. **Seglina D.**, Strautina S., Krasnova I., Gailite I., Dukalska L., Suraka V. (2012). The Effect of Packaging Materials on the Quality of Dried Candied Black Currants. ISHS Acta Horticulturae 946: X International Rubus and Ribes Symposium, pp. 413-418. [http://www.actahort.org/books/946/946\\_68.htm](http://www.actahort.org/books/946/946_68.htm)
2. K. Juhneveica, L. Skudra, G. Skudra, **D. Seglina**, M. Skrivele. (2012). Preliminary Results of 1-Methylcyclopropene Influence on Apple Quality During Storage. Research for Rural Development, pp. 98-101. [http://www2.llu.lv/research\\_conf/Proceedings/18th\\_volume1.pdf](http://www2.llu.lv/research_conf/Proceedings/18th_volume1.pdf)
3. Krasnova I., Dukalska L., **Seglina D.**, Juhneveica K., Sne E., Karklina D. (2012). Effect of Passive Modified Atmosphere in Different Packaging Materials on Fresh-Cut Mixed Fruit Salad Quality during Storage. World Academy of Science, Engineering and Technology, 67,1095-1104.
4. Olšteine A., Krasnova I., **Segliņa D.**, Suraka V., Skrupskis I.A. (2012). Upeņu spiedpalieku kvalitatīvo īpašību izvērtējuma rezultāti. Zinātniski praktiskās konferences "Zinātne Latvijas lauksaimniecības nākotnei: pārtika, lopbarība, šķiedra un enerģijas" raksti, LLU, Jelgava, 192.-196. lpp.

## 2011

1. Juhneveica K., Ruisa S., **Segliņa D.**, Krasnova I. (2011). Evaluation of Sour Cherry Cultivars Grown in Latvia for Production of Candied Fruits, Baltic Conference on Food Science and Technology "Innovations for food science and production" Conference Proceedings Volume 6, pp. 30-37, <http://llufb.llu.lv/conference/foodbalt/2011/FOODBALT-Proceedings-2011-19-22.pdf>
2. Krasnova I., Karklina D., **Seglina D.**, Juhneveica K., Kviesis J. (2011). Assessment of apple cultivar quality and selection of the most suitable apple cultivars for fresh cut salad production. 17.th International Scientific Conference Proceedings "Research for Rural Development,, pp.126-133.
3. Krasnova I., Aboltins A., **Seglina D.**, Karklina D., Suraka V. (2011). Changes of vitamin C and polyphenols during the storage time in minimally processed pear salads with various anti-browning additions. 6th International CIGR Technical Symposium, Toward a Sustainable Food Chain - Food Process, Bioprocessing and Food Quality Management, Nantes, France, CD, Food Quality, pp. 118-121.
4. Boca S., Kruma Z., **Seglina D.**, Skrupskis I. (2011). Evaluation and identification of volatile compounds of strawberries and apples. Proceedings of 7th International Congress of Food Technologists, Biotechnologists and Nutritionists, pp. 113-119.
5. Boca, S., Krasnova, I., **Seglina, D.**, Aboltins, A., Skrupskis, I. (2011). Influence of natural berry juices on stability of anthocyanins in strawberry mass. (Conference Paper) 6th International CIGR Technical Symposium - Towards a Sustainable Food Chain: Food Process, Bioprocessing and Food Quality Management, pp. 41-48.
6. Mierina, I., Serzane, R., Strele, M., Moskaluka, J., **Seglina, D.**, Jure, M. (2011). Extracts of Japanese quince seeds - Potential source of antioxidants. 6th Baltic Conference on Food Science and Technology: Innovations for Food Science and Production, FOODBALT-2011 - Conference Proceedings, Pages 98-103.

<http://lufb.llu.lv/conference/foodbalt/2011/FOODBALT-Proceedings-2011-98-103.pdf>

7. Boca S., Krasnova I., **Seglina D.**, Skrupskis I. (2011). Changes of pectin in apple mass depending on storage time. *Journal of International Scientific Publication: Materials Methods and Technologies*, Volume 5, Part 2, pp. 90-99.
8. Riekstina-Dolge Rita, Kruma Zanda, Karklina Daina, **Seglina Dalija** (2011). Composition of aroma compounds in fermented apple juice: effect of apple variety, fermentation temperature and inoculated yeast concentration. *Procedia Food Science*, Volume 1, 2011, Pages 1709-1716  
<http://www.sciencedirect.com/science/article/pii/S2211601X11002537>
9. Riekstina-Dolge Rita, Kruma Zanda, Karklina Daina, **Seglina Dalija** (2011). Influence of different yeast strains on the production of volatile compounds in fermented apple juice. *Research for Rural Development*, Volume 1, 2011, Pages 133-139.  
[https://www.researchgate.net/publication/287629155\\_Influence\\_of\\_diferent\\_yeast\\_strains\\_on\\_the\\_production\\_of\\_volatile\\_compounds\\_in\\_fermented\\_ape\\_juice](https://www.researchgate.net/publication/287629155_Influence_of_diferent_yeast_strains_on_the_production_of_volatile_compounds_in_fermented_ape_juice)

## 2010

1. **Seglina D.**, Krasnova I., Heidemane G., Kampuse S., Dukalska L., Kampuss K. (2010). Packaging technology influence on the shelf life extension of fresh raspberries. *Acta Horticulturae* 877
2. Ositis U., **Seglina D.**, Strikauska S., Bula S. (2010). Influence of sea buckthorn byproducts premix feeding on the mare and foal blood biochemical indices, *Proceedings of the 1st Nordic Feed Science Conference*, Uppsala, Sweden, 22 – 23 June 2010, pp. 137– 142.
3. Kaufmane E., Ikase L., **Seglina D.** (2010). Pomological Characteristics of Dessert Plum Cultivars in Latvia. *Acta Horticulturae* 874, pp. 337-341.
4. Krasnova, I., Karklina, D., **Seglina, D.**, Juhnevica, K., Heidemane, G. (2010). The evaluation of sensory physical and chemical properties of pears grown in Latvia (Article) *Research for Rural Development*, Volume 1, Pages 145-151.  
[https://www.researchgate.net/publication/288580658\\_The\\_evaluation\\_of\\_sensory\\_physical\\_and\\_chemical\\_properties\\_of\\_pears\\_grown\\_in\\_Latvia](https://www.researchgate.net/publication/288580658_The_evaluation_of_sensory_physical_and_chemical_properties_of_pears_grown_in_Latvia)
5. **D. Seglina**, I. Krasnova, G. Heidemane, S. Kampuse, L. Dukalska, K. Kampuss (2010). Packaging technology influence on the shelf life extension of fresh raspberries, *Acta Horticulturae*, Volume 877, 11, Pages 433-440.  
[http://www.actahort.org/members/showpdf?booknrarnr=877\\_56](http://www.actahort.org/members/showpdf?booknrarnr=877_56)
6. Kaufmane, E., **Ikase, L.**, **Seglina, D** (2010). Pomological characteristics of dessert plum cultivars in Latvia. *Acta Horticulturae*, Volume 874, 30, Pages 337-344.  
[http://www.ishs.org/ishs-article/874\\_48](http://www.ishs.org/ishs-article/874_48)



## 2009

1. Juhnevica, K., **Seglina, D.**, Krasnova, I., Skudra, G., Klava, D., Skudra, L. (2009). The Evaluation Of Apple Quality during Storage at Modified Atmosphere. *Journal Chemine Technologija*, 2009. Volume 3, pp. 30–37.
2. **Seglina, D.**, Krasnova, I., Heidemane, G., Kampuse, S., Dukalska, L., Muizniece-Brasava, S. (2009). Influence of packaging material's and technologies on the shelf life extension of fresh black currant quality. *Journal Chemine Technologija*, Nr.3 (52), Kaunas, Lithuania, pp. 43– 49.  
[https://www.researchgate.net/publication/228417019\\_Influence\\_of\\_packaging\\_materials\\_and\\_technologies\\_on\\_the\\_shelf-life](https://www.researchgate.net/publication/228417019_Influence_of_packaging_materials_and_technologies_on_the_shelf-life)
3. **Seglina D.**, Krasnova I., Heidemane G., Ruisa S. (2009). Influence of drying technology on the quality of sweet dried *Chaenomeles japonica* during the storage, *Latvian Journal of Agronomy*, Jelgava, pp. 113-118  
<http://lufb.llu.lv/conference/agrvestis/content/n12/Latvia-Agronomijas-Vestis-12-2009-113-118.pdf>
4. **Seglina, D.**, Ruisa, S., Krasnova, I., Viskelis, P., Lanauskas, J. (2009). Biochemical Characterization of Sea Buckthorn (*Hippophae rhamnoides* L.) Growing in Latvia. Proceedings of 3rd International Seabuckthorn Association Conference: Promoting Sea buckthorn Industry Worldwide – Opportunities and Challenges. Institute of Nutraceuticals and Functional Food, Laval University, Canada, pp. 159– 168.
5. Kampuse, S. Volkova, I., **Segliņa, D.**, Krasnova, I. (2009). Quality changes of freeze-dried blackcurrant berries after processing and storage. *Journal Chemine Technologija*, Nr.3 (52), Kaunas, Lithuania, pp. 37– 43.  
[https://www.researchgate.net/publication/264876862\\_Effects\\_of\\_packaging\\_and\\_preparation\\_method\\_on\\_the\\_quality\\_of\\_freeze-dried\\_blackcurrant\\_products](https://www.researchgate.net/publication/264876862_Effects_of_packaging_and_preparation_method_on_the_quality_of_freeze-dried_blackcurrant_products)
6. **Dalija Seglina**, Inta Krasnova, Gunta Heidemane, Silvija Ruisa (2009). Influence of drying technology on the quality of sweet dried *Chaenomeles japonica* during the storage, *Latvian Journal of Agronomy*, pp. 113-118.  
<http://agris.fao.org/agris-search/search.do?recordID=LV2010000023>
7. Zvaigzne, G., Karklina, D., **Seglina, D.**, Krasnova, I. (2009). C Vitamin and Polyphenol Content in Various Citrus Fruit Juices. *Journal Chemine Technologija*, Nr.3 (52), p. 56– 62.

## 2008

1. Laila Ikase, **Dalija Segliņa** (2008). Fruit quality assessment of apple cultivars. Proceedings of international scientific conference „Sustainable Fruit Growing: From Plant To Product”, pp 54-65  
<http://www.lvai.lv/pdf/Raksti-viss-drukai.pdf>
2. **Dalija Segliņa**, Inta Krasnova, Silvija Ruisa, Sarmīte Strautiņa, Gunta Heidemane (2008). Research on antioxidant activity of berries grown in Latvia, Proceedings of international scientific conference „Sustainable Fruit Growing: From Plant To Product”, pp 265-274.  
<http://www.lvai.lv/pdf/Raksti-viss-drukai.pdf>

3. Pranas Viškelis, Juozas Lanauskas, **Dalija Segliņa**, Silvija Ruisa (2008). The changes of biochemical content in Seabuckthorn (*hippophae rhamnoides L.*) During ripening. Proceedings of international scientific conference „Sustainable Fruit Growing: From Plant To Product”, pp 274-282

<http://www.lvai.lv/pdf/Raksti-viss-drukai.pdf>

## 2007

1. Gailite, I., Strautniece, E., Krasnova, I., **Seglina, D.** (2007). Influence of drying method on chemical composition of berry marc. Proceedings of 5<sup>th</sup> International congress on Food Technology, Consumer Protection through Food Process Improvement & Innovation in the Real World, Vol. I, edited by Evangelos S. Lazos, Thessaloniki, p.421-427.
2. **Seglina, D.**, Dukalska, L., Ruisa, S., Krasnova, I., Heidemane, G. (2007). Investigations of fresh sea buckthorn berry quality during storage. J. Acta horticulturae et regioteecturae. Nr.10, p.45-48.

## 2006

1. [Gailite, I., Strautniece, E., Seglina, D. \(2006\)](#) The chemical composition of wheat bread with berry marc (Conference Paper) 12th Annual International Scientific Conference Proceedings - Research for Rural Development 2006, Pages 229-233.  
<http://agris.fao.org/agris-search/search.do?recordID=LV2007000083>
2. **Seglina, D.**, Karklina, D., Dukalska, L. (2006). Shelf life extension of fresh sea buckthorn berries (*Hippophae Rhamnoides L.*). 12th Annual International Scientific Conference Proceedings - Research for Rural Development 2006, Pages 224-228.  
<http://agris.fao.org/agris-search/search.do?recordID=LV2007000082>
3. Gailite, I., Strautniece, E., **Seglina, D.** (2006). Berry marc in wheat bread production. Journal Cheminė technologija, 4 (42), pp. 43–50.

## 2005

1. [Seglina, D., Karklina, D. \(2005\)](#). [The dynamics of vitamin C and total carotenes content in pasteurized sea-buckthorn juice](#). 11th Annual International Scientific Conference Proceedings - Research for Rural Development 2005, pp 205-207.  
<http://agris.fao.org/agris-search/search.do?recordID=LV2006000193>
2. **Segliņa D.**, Kārklīņa D., Strautniece E., Ruisa S. (2005). The influence of sweeteners on sea buckthorn (*Hippophae Rhamnoides L*) juice quality. Proceedings of the International Scientific Conference “Modern fruit growing: state and development outlooks” devoted to the 80<sup>th</sup> anniversary since the establishment of the Institute for Fruit Growing of National Academy of Sciences of Belarus, Fruit-Growing. Volume 17, part 2, Samohvalovici: Institute for Fruit Growing of National Academy of Sciences of Belarus, pp. 343-345.
3. Kampuse S., **Seglina D.**, Skrupskis I. (2005). Changes of blackcurrant puree chemical components after frozen storage. Proceedings of the International Scientific Conference

“Modern fruit growing: state and development outlooks” devoted to the 80<sup>th</sup> anniversary since the establishment of the Institute for Fruit Growing of National Academy of Sciences of Belarus, Fruit-Growing. Volume 17, part 2, Samohvalovici: Institute for Fruit Growing of National Academy of Sciences of Belarus, pp. 282-286.

## 2004

1. **Segliņa D.** (2004). Content of vitamin C and carotenoids in sea buckthorn (*Hippophae rhamnoides l*) berries. International Scientific Conference Proceedings, Research for rural development, Jelgava, LLU, pp.139-141.
2. **Segliņa D.** (2004). Sensory valuation of different pumpkin juices. International Scientific Practical Conference Reports, Innovation Development Trends of Food Products, Jelgava, FFT, pp. 203-209.

## Popular scientific publications

1. Segliņa D. (2019) Inovācijas starptautiskajā izstādē Fruit Logistica. // Agrotops, Nr.5, 79-80 lpp.*Dalija Segliņa, Jolanta Rozīte-Viškinte (2018) Šķiedrvielas – svarīga ikdienas uztura sastāvdaļa. // Agrotops Nr. xx,*
2. **Segliņa D. (2018) Vadlīnijas augļu un dārzeņu konservu ražošanā. // Agrotops, Nr. 12,**
3. **Cidonijas 2016**
4. Segliņa D., Krasnova I., Blūzmane K. (2015) Dārza zemeņu lapas tējai. // Agrotops, Nr.7, 74. lpp.
5. <http://www.la.lv/izdevumi/at/2015/07/01/>
6. Segliņa D., Olšteine A., Bundule M. (2013) Upeņu spiedpaliekas - lielisks šķiedrvielu avots. // Agrotops Nr.1, 71-72. lpp.
7. <http://www.la.lv/izdevumi/at/2013/01/01/>
8. Šnē E., Segliņa D. (2013) Smiltsērķšķu lapas un zaļā tēja. // Agrotops, Nr.9, 72-73. lpp. <http://www.la.lv/izdevumi/at/2013/09/01/1>
9. Segliņa D. Šnē E. (2012) Smiltsērķšķu lapas – mazpazīstama, taču vērtīga izejviela. // Agrotops, Nr.6, 72. – 73. lpp.
10. <http://www.la.lv/izdevumi/at/2012/06/01/>
11. Segliņa D. Šnē E. (2012) Cidoniju sukādes iziet starptautiskajā arēnā. // Agrotops, Nr.5, 69. lpp.
12. <http://www.la.lv/izdevumi/at/2012/05/01/>
13. Segliņa D. (2011) Svaigi griezti augļi. // Agrotops, Nr.1, 67. – 68. lpp. <http://www.la.lv/izdevumi/at/2011/01/01/>
14. Tirzīte D., Konrāde I., Segliņa D., Škapare E. (2011) Āboli, florizīns un cukura diabēts // Ārsts, (10), 59.-62. lpp.
15. Segliņa D., Gailīte I. (2009). Jauni pārtikas produkti no ogu spiedpaliekām. // Agrotops, Nr. 12, 63. – 65. lpp.

16. <http://www.la.lv/izdevumi/at/2009/12/01/>
17. Segliņa D. (2009) Altaja oranžais zelts – smiltsērķšķi. // Agrotops, Nr. 11, 60. – 61. lpp.
18. <http://www.la.lv/izdevumi/at/2009/11/01/>
19. Skrīvele M., Segliņa D. (2009) Augšanas regulators ābolu noliktavās. // Agrotops, Nr. 9, 65. 66. lpp.
20. <http://www.la.lv/izdevumi/at/2009/09/01/>
21. Segliņa D. Skrīvele M. (2008) Ko gatavot no smiltsērķšķu augļiem? // Agrotops, Nr 12, 65. lpp.
22. <http://www.la.lv/izdevumi/at/2008/12/01/>
23. Segliņa, D. (2008) Upeņu pārstrāde – ne tikai ievārījums un sīrups. // Agrotops, Nr. 8 (132), 65.-69. lpp.
24. <http://www.la.lv/izdevumi/at/2008/08/01/>
25. Segliņa, D. (2008) Eksotiskie augļi par brīvu ir tikai reizi gadā Berlīnē. // Agrotops, Nr. 3 (127), 34.-36. lpp.
26. Segliņa, D. (2007) Garšīgs un pievilcīgs – bet vai veselīgs? // Agrotops, Nr. 1, 27. lpp.
27. Drudze I., Segliņa, D. (2006) Augļu glabātavās rudenī. // Agrotops, Nr. 10, 40. -41. lpp.
28. Segliņa D. (2006) Augļu un ogu pārstrādes iespējas. // Agrotops, Nr. 11, 61. -63. lpp.
29. Segliņa D. (2005) Eiropas prasības ievārījumiem. // Agrotops, Nr. 4, 62. -63. lpp.
30. Segliņa D. (2005) Cik vērtīgs pārtikas produkts ir lieloģu dzērvenes? // Agrotops, Nr. 12, 63. lpp.
31. Segliņa D. (2005) Eiropas prasības ievārījumiem. // Agrotops, Nr. 4, 62. -63. lpp.
32. Segliņa D. (2004) Plūmju pārstrāde. // Agrotops, Nr. 8, 63. lpp.
33. Segliņa D. (2004) Augļu un ogu piemērotība pārstrādei. // Agrotops, Nr. 9, 56. lpp.
34. Segliņa D. (2002) Augļu uzglabāšana, telpu un taras dezinfekcija. // Agrotops, Nr. 9, 31. -32. lpp.
35. Segliņa D. (2002) Viesos pie Kanādas ogu audzētājiem. // Agrotops, Nr. 10, 27. -29. lpp.
36. Segliņa D. (2001) Zemeņu pārstrādes iespējas. // Agrotops, Nr. 6, 41. lpp.
37. Skrīvele M., Segliņa D. (2000) Augļi un ogas pārstrādei. // Agrotops, Nr. 8, 31. -32. lpp.