

6 most important scientific publications:

- Ikase L. (red.) 2015. **Augļkopība [Fruit Growing]**. LV Augļkopības institūts, 544 lpp. (*monography, in Latvian*)
<http://fruittechcentre.eu/sites/default/files/2018-04/Augļkopiba.pdf>
- Ikase L. 2015. Results of fruit breeding in Baltic and Nordic states. In: Proc. Of the 25th NJF Congress, Riga, Latvia, 16th-18th June, 2015; p.31-37. /
http://llu.lv/conference/NJF/NJF_2015_Proceedings_Latvia-31-37.pdf (WoS)
- L.Ikase, G.Lacis. 2013. Apple Breeding and Genetic Resources in Latvia. Acta Horticulturae **976** (XIII EUCARPIA Symposium on Fruit Breeding and Genetics, Warsaw, Poland, September 11-15, 2011), p.69-74.
<http://www.actahort.org/books/976/index.htm>
- Ikase L., 2007. Evaluation of columnar apple hybrids on dwarfing rootstocks. Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture: Sodininkyste ir daržininkyste, 26(3). P.40-46.
[http://sodininkyste-darzininkyste.lsi.lt/Documents/26\(3\).pdf](http://sodininkyste-darzininkyste.lsi.lt/Documents/26(3).pdf)
- Ikase L. and R.Dumbravs, 2004. Apple breeding for disease resistance in Latvia. Acta Horticulturae, 663, p.713-716.
<http://www.actahort.org/books/663/index.htm>
- Ikase L., 1998. Winterhardiness of diploid plums in Latvia. Sodininkyste ir daržininkyste: Horticulture and vegetable growing, 17(3), Baltai. pp. 135-142.

5 most important popular science publications:

- Skrīvele M., Ikase L. 2013. **Latvijas ābeles [Latvian apples]**. R., „Jumava”, 136 lpp. (*book, in Latvian*)
- Kask K., L.Ikase. 2008. Lātis on palju uusi puuviljasorte [New Latvian fruit crop cultivars] // Maakodu, Nr. 12, 66.-68. (*in Estonian*)
- Skrīvele M., Ikase L., Kaufmane E., Blukmanis M., Strautiņa S., Ruisa S. u.c. 1999. **Ilustrēts augļu koku un ogulāju šķirņu katalogs [Illustrated fruit and berry variety catalog]**. Valsts Dobeles DSIS, Dobele, 323 lpp. (*book, in Latvian*)
- Ikase L., 1999. **Ābolu avīze [Apple newspaper]**. SIA Lauku Avīze, 64 lpp. (*in Latvian*)
- Ikase L., 1997. **Iestādi savu plūmi [Plant your plum]**. Izd. Dārzs un Drava, Rīga. 56 lpp. (*book, in Latvian*)

List of scientific publications:

- T. Univer and L. Ikase. 2019. Breeding apple scab resistant cultivars in Estonia. /Accepted for publication: Acta Horticulturae.
- I.Grāvīte, E.Kaufmane, and L.Ikase. 2019. Plum research and growing in Latvia. PROCEEDINGS OF THE LATVIAN ACADEMY OF SCIENCES. Section B, Vol. 73 (2019), No. 3 (720), pp. 195-206.
<https://content.sciendo.com/view/journals/prolas/73/3/prolas.73.issue-3.xml>
- E.Kaufmane, I.Grāvīte, L.Ikase and E.Cirša. 2019. Influence of different training systems on the beginning of domestic plum production and yield. PROCEEDINGS OF THE LATVIAN ACADEMY OF SCIENCES. Section B, Vol. 73 (2019), No. 3 (720), pp. 244-251.
<https://content.sciendo.com/view/journals/prolas/73/3/prolas.73.issue-3.xml>
- Kaufmane E., Skrīvele M., Ikase L. 2017. Fruit growing in Latvia – industry and science. PROCEEDINGS OF THE LATVIAN ACADEMY OF SCIENCES. Section B, Vol. 71 (2017), No. 3 (708), pp. 237-247.
<https://www.degruyter.com/downloadpdf/j/prolas.2017.71.issue-3/prolas-2017-0040/prolas-2017-0040.pdf>
- Ikase L., E.Rubauskis, Z.Rezgale. 2017. Evaluation results of Finnish apple rootstocks in Latvia. PROCEEDINGS OF THE LATVIAN ACADEMY OF SCIENCES. Section B, Vol. 71 (2017), No. 3 (708), pp. 132–136.
<https://www.degruyter.com/view/j/prolas.2017.71.issue-3/prolas-2017-0023/prolas-2017-0023.xml>
- Ikase L. (red.) 2015. **Augļkopība [Fruit Growing]**. LV Augļkopības institūts, 544 lpp. (monography, in Latvian)
<http://fruittechcentre.eu/sites/default/files/2018-04/Augļkopiba.pdf>
- Ikase L. 2015. Results of fruit breeding in Baltic and Nordic states. In: Proc. Of the 25th NJF Congress, Riga, Latvia, 16th-18th June, 2015; p.31-37. /
http://llufb.llu.lv/conference/NJF/NJF_2015_Proceedings_Latvia-31-37.pdf (WoS)
- Rubauskis E., Skrīvele M., Ikase L. 2015. Influence of rootstocks and soil management on scab resistant cultivars development and yield – preliminary results. С6. Конкурентоспособные сорта и технологии для высокопродуктивного садоводства. Орел, с. 157-159. [In: Competitive cultivars and technologies for productive horticulture. Orel, p.157-159.]
<https://vniispk.ru/articles/mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-konkurentosposobnye-sorta-i-tehnologii-dlya-vysokoeffektivnogo-sadovodstva-2-5-iunya-2015g>
- Ikase L., M.Skrīvele, E.Rubauskis, E.Kaufmane, Z.Rezgale. 2013. Augļizmetņu retināšanas ietekme uz Latvijā audzēto šķirņu ābolu kvalitāti [Effect of fruitlet thinning on on the fruit quality of apple cultivars grown in Latvia]. In: Vietējo resursu (zemes dzīļu, meža, pārtikas un transporta) ilgtspējīga izmantošana – jauni produkti un tehnoloģijas (NatRes). VPP 2010-2013: Rakstu krājums, 217.-221. (in Latvian)
http://www.kki.lv/dokumenti/VPP_NatRes_Rakstu_Krajums.pdf
- I.Krasnova, D.Segliņa, L.Ikase, P.Gornas. 2013. Sidra ražošanai piemērotu šķirņu ābolu ķīmiskā sastāva izvērtējums [Evaluation of the chemical content of apple cultivars suitable for cider production]. In: Vietējo resursu (zemes dzīļu, meža, pārtikas un transporta) ilgtspējīga izmantošana – jauni produkti

- un tehnoloģijas (NatRes). VPP 2010-2013: Rakstu krājums, 212.-216. (*in Latvian*) http://www.kki.lv/dokumenti/VPP_NatRes_Rakstu_Krajums.pdf
- Z.Rezgale, L.Ikase, E.Rubauskis, E.Kaufmane. 2013. Effect of manual fruit thinning methods on fruit quality of apple cultivar 'Auksis'. In: Proc. of 2nd International Scientific Conference „Sustainable Fruit Growing: From Plant to Product” Riga-Dobele, August 22-24, 2012, p.24-33: http://www.lvai.lv/pdf/Konference_2012/Proceedings_2012conference.pdf
 - L.Ikase, G.Lacis. 2013. Apple Breeding and Genetic Resources in Latvia. Acta Horticulturae **976** (XIII EUCARPIA Symposium on Fruit Breeding and Genetics, Warsaw, Poland, September 11-15, 2011), p.69-74. <http://www.actahort.org/books/976/index.html>
 - Rubauskis E., Skrivele M. and Ikase L. 2012. Growth and yielding of apple cultivars on the rootstock M 26 in Latvia. Acta Hort. 940:507-513. <http://www.actahort.org/books/940/index.html>
 - Lacis G., Kota I., Ikase L., Rungis D. 2011. Molecular characterization of the Latvian apple (*Malus*) genetic resource collection based on SSR markers and scab resistance gene Vf analysis. Plant genetic resources: characterization and utilization 9(2), 189-192. <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8214106&fulltextType=RA&fileId=S1479262111000384#cor001>
 - M.Skrivele, E.Rubauskis, L.Ikase. 2011. Apple Rootstocks in Latvian Orchards – Situation and Tendencies. Proc. IXth IS on Orchard Systems, Acta Hort. 903, ISHS 2011, 363-370. <http://www.actahort.org/books/903/index.html>
 - Rubauskis E., Berlands V., Skrivele M., Ikase L. 2011. Influence of fertigation and sawdust mulch on apple growth and yielding in Latvia. Acta Hort. 922, 311–318. <http://www.actahort.org/books/922/index.html>
 - Rubauskis E., M.Skrivele, Z.Rezgale, L.Ikase. 2011. Production of four apple cultivars on rootstock P22. Sodininkyste ir Daržininkyste, 2011, 30(2), p. 3-14. [http://sodininkyste-darzininkyste.lski.lt/Documents/30\(2\).pdf](http://sodininkyste-darzininkyste.lski.lt/Documents/30(2).pdf)
 - Kaufmane E., Ikase L., Segliņa D. 2010. Pomological Characteristics of Dessert Plum Cultivars in Latvia. Acta Horticulturae 874, ISHS 2010, p. 337-341. <http://www.actahort.org/books/874/index.html>
 - Ikase L., Segliņa D. 2008. Fruit quality assessment of apple cultivars. In: Proceedings of International scientific conference „Sustainable Fruit Growing: from Plant to Product”, Jurmala-Dobele, May 28-31, 2008, p.54-64 <http://www.ddsis.lv/pdf/Raksti-viss-drukai.pdf>
 - Kārklīņš J., Skrīvele M., Kaufmane E., Ikase L. 2007. **Plūmju šķirnes [Plum cultivars]**. LVAI, Dobele, 204 lpp. (*pomology, in Latvian*)
 - Ikase L., 2007. Evaluation of columnar apple hybrids on dwarfing rootstocks. Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture: Sodininkyste ir daržininkyste, 26(3). P.40-46. [http://sodininkyste-darzininkyste.lski.lt/Documents/26\(3\).pdf](http://sodininkyste-darzininkyste.lski.lt/Documents/26(3).pdf)
 - Kaufmane E., Skrivele M., Rubauskis E., Ikase L. 2007. The yield and fruit quality of two plum cultivars on different rootstocks // Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture. Sodininkyste ir daržininkyste, 26(3). P.10-15. [http://sodininkyste-darzininkyste.lski.lt/Documents/26\(3\).pdf](http://sodininkyste-darzininkyste.lski.lt/Documents/26(3).pdf)

- Ikase L., 2005. Disease resistant apple breeding in Latvia. In: Proc. Intern. Scientific Conference “Environmentally Friendly Fruit Growing”. 222: Fruit Science. Tartu, Estonian Agricultural University. P.10-14.
 - Ikase L., R.Dumbravs, 2004. Breeding of columnar apple-trees in Latvia. Biologija, Nr.2, p.8-10. <http://elibrary.lt/resursai/LMA/Biologija/B-08-1.pdf>
 - Ikase L. and R.Dumbravs, 2004. Apple breeding for disease resistance in Latvia. Acta Horticulturae, 663, p.713-716. <http://www.actahort.org/books/663/index.html>
 - Kaufmane E., Trajkovski V., Lācis G., Ikase L., 2002. Evaluation and characterization of plum genetic resources in Sweden and Latvia. Acta Horticulturae, 577, p.207-215. <http://www.actahort.org/books/577/index.html>
 - Ikase L. and R.Dumbravs, 2001. Apple breeding for disease resistance in Latvia. Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University. Sodininkyste ir daržininkyste, 20(3), p.265-273.
- Ikase L., Trajkovski V., 2001. The Swedish-Latvian Malus genetic resources research program. In: Broad Variation and Precise Characterization – Limitation for the Future. EUCARPIA Section Genetic Resources. Poznan, p. 38-39. <https://search.library.ethz.ch> > [primo-explore](#) > [fulldisplay](#)
- Ikase L., 2000. Production and fruit quality of 5 apple varieties on 5 clonal rootstocks in Dobeles, Latvia. In: Proc. Intern. Conference “Fruit Production and Fruit Breeding”, 207: Fruit Science. Tartu, Estonian Agricultural University, P.20-23.
 - Ikase L., 1999. Latvian apple genetic resources and their potential for breeding. Acta Horticulturae, 484:93-96. <http://www.actahort.org/books/484/index.html>
 - Ikase L., 1998. Winterhardiness of diploid plums in Latvia. Horticulture and vegetable growing: Sodininkyste ir daržininkyste 17(3), Baktai. pp. 135-142.
 - Skrīvele M., Kaufmane E., Ikase L., 1999. 'Lāse' and 'Minjona' - two new, promising Latvian plum varieties. Fruit growing today and tomorrow, Collection of the Scientific Articles, Dobeles, pp. 42-50.
 - Skrīvele M., Ikase L., Kaufmane E., 1998. Horticulture in Latvia.- Proc. of the International Conf., November 19-21, Lublin, pp. 205-209.
 - Skrīvele M., I.Dimza, L.Ikase, 1996. Studies on the apple cultivar ‘Ilga’// Problems of fruit plant breeding, Nr.1, p. 5 - 8.
 - Ikase L. 1993. *Prunus cerasifera* un tās starpsugu hibrīdi kā jauns gēnu avots plūmju selekcijai Latvijā (disertācija). Latvijas universitāte. Kopsavilkums 28 lpp. [*Prunus cerasifera* and its inter-species hybrids as a new source of genes for plum breeding in Latvia: Summary of Doctoral Thesis, University of Latvia, 28 p.] (Latvian, English, Russian)