

## COMPLITE LIST OF PUBLICATIONS

(ordered by ETIS classification (<https://www.etis.ee/portal/otsingud/classification.aspx>) and publication time)

### 1. Articles in journals

1.1. Scholarly articles indexed by Thomson Reuters Web of Science (excluding articles indexed in Thomson Reuters Conference Proceedings Citation Index) and/or published in journals indexed by ERIH (European Reference Index of the Humanities) categories INT1 and INT2 and/or indexed by Scopus (excluding chapters in books)

1. Ariko, T.; Kass, M.; Henno, M.; Fievez, V.; Kärt, O.; Kaart, T.; Ots, M. (2015). The effect of replacing barley with glycerol in the diet of dairy cows on rumen parameters and milk fatty acid profile. *Animal Feed Science and Technology*, 209, 69 - 78.
2. Rekker, K.; Saare, M.; Roost, A. M.; Kaart, T.; Sõritsa, D.; Karro, H.; Sõritsa, A.; Simón, C.; Salumets, A.; Peters, M. (2015). Circulating miR-200 family miRNAs have altered levels in plasma of patients with endometriosis and are influenced by the blood collection time. *Fertility and Sterility*, 104(4), 938 - 946.
3. Laisk-Podar, T.; Kaart, T.; Peters, M.; Salumets, A. (2015). Genetic variants associated with female reproductive ageing - potential markers for assessing ovarian function and ovarian stimulation outcome. *Reproductive BioMedicine Online*, 31(2), 199 - 209.
4. Polikarpus, A.; Kaart, T.; Mootse, H.; De Rosa, G.; Arney, D. (2015). Influences of various factors on cows' entrance order into the milking parlour. *Applied Animal Behaviour Science*, 166, 20 - 24.
5. Karise, R.; Muljar, R.; Smagghe, G.; Kaart, T.; Kuusik, A.; Dreyersdorff, G.; Williams, I. H.; Mänd, M. (2015). Sublethal effects of kaolin and the biopesticides Prestop-Mix and BotaniGard on metabolic rate, water loss and longevity in bumble bees (*Bombus terrestris*). *Journal of Pest Science*, xx-xx. [ilmumas]
6. Tänavots, A.; Kiiman, H.; Altosaar, E.; Kaart, T.; Viinalass, H. (2015). Milk leakage from the udder of cows on dairy farms with automatic and conventional milking system. *Veterinarija ir Zootehnika*, 69(91), 71 - 78.
7. Aav, A.; Skrabule, I.; Bimšteine, G.; Kaart, T.; Williams, I. H.; Runno-Paurson, E. (2015). The structure of mating type, metalaxyl resistance and virulence of *Phytophthora infestans* isolates collected from Latvia. *Zemdirbyste-Agriculture*, 102(3), 335 - 342.
8. Pöldvere, A.; Tänavots, A.; Saar, R.; Torga, T.; Kaart, T.; Soidla, R.; Mahla, T.; Andreson, H.; Lepasalu, L. (2015). Effect of imported Duroc boars on meat quality of finishing pigs in Estonia. *Agronomy Research*, 13(4), 1040 - 1052.
9. Tatar, V.; Mootse, H.; Sats, A.; Mahla, T.; Kaart, T.; Poikalainen, V. (2015). Evaluation of size distribution of fat globules and fat and protein content in Estonian Goat milk. *Agronomy Research*, 13(4), 1112 - 1119.
10. Pretto, D., Vallas, M., Pärna, E., Tänavots, A., Kiiman, H., Kaart, T. (2014). Short communication: Genetic correlation and heritability of milk coagulation traits within and across lactations in Holstein cows using multiple-lactation random regression animal models. *Journal of Dairy Science*, 97(12), 7980 - 7984.
11. Liivamägi, A.; Kuusemets, V.; Kaart, T.; Luig, J.; Diaz-Forero, I. (2014). Influence of habitat and landscape on butterfly diversity of semi-natural meadows within forest-dominated landscapes. *Journal of Insect Conservation*, 18(6), 1137 - 1145.
12. Harro, J.; Kanarik, M.; Kaart, T.; Matrov, D.; Kõiv, K.; Mällo, T.; Del Río, J.; Tordera, R. M.; Ramirez, M. J. (2014). Revealing the cerebral regions and networks mediating vulnerability to depression: Oxidative metabolism mapping of rat brain. *Behavioural Brain Research*, 267, 83 - 94.
13. Kaldmäe, M.; Viigimaa, M.; Zemtsovskaja, G.; Kaart, T.; Abina, J.; Annuk, M. (2014). Prevalence and determinants of hypertension in Estonian adults. *Scandinavian Journal of Public Health*, 42(6), 504 - 510.

14. Kaasik, R.; Kovacs, G.; Kaart, T.; Metspalu, L.; Williams, I.H.; Veromann, E. (2014). *Meligenes aeneus* oviposition preferences, larval parasitism rate and species composition of parasitoids on *Brassica nigra*, *Raphanus sativus* and *Eruca sativa* compared with on *Brassica napus*. *Biological Control*, 69, 65 - 71.
15. Anton, D.; Matt, D.; Pedastsaar, P.; Bender, I.; Kazimierczak, R.; Roasto, M.; Kaart, T.; Luik, A.; Püssa, T. (2014). Three-year comparative study of polyphenol contents and antioxidant capacities in fruits of tomato (*Lycopersicon esculentum* Mill.) cultivars grown under organic and conventional conditions. *Journal of Agricultural and Food Chemistry*, 62(22), 5173 - 5180.
16. Leisson, K.; Alev, K.; Kaasik, P.; Kaart, T.; Jaakma, Ü.; Seene, T. (2013). MyHC and MyLC isoforms in Akhal-Teke horses of different gender and genetic background. *Livestock Science*, 157, 263 - 270.
17. Harzia, H.; Ilves, A.; Ots, M.; Henno, M.; Jõudu, I.; Kaart, T.; Ling, K.; Kärt, O.; Kilk, K.; Soomets, U. (2013). Alterations in milk metabolome and coagulation ability during the lactation of dairy cows. *Journal of Dairy Science*, 96(10), 6440 - 6448.
18. Harzia, H.; Kilk, K.; Aiko, T.; Kass, M.; Soomets, U.; Jõudu, I.; Kaart, T.; Arney, D.; Kärt, O.; Ots, M. (2013). Crude glycerol as a glycogenic precursor in feed: effects on milk coagulation properties and metabolic profiles of dairy cows. *Journal of Dairy Research*, 80(2), 190 - 196.
19. Jaakson, H.; Ling, K.; Samarütel, J.; Ilves, A.; Kaart, T.; Kärt, O.; Ots, M. (2013). Blood glucose and insulin responses during the glucose tolerance test in relation to dairy cow body condition and milk yield. *Veterinaria ir Zootechnika*, 62(84), 28 - 35.
20. Kass, M.; Aiko, T.; Samarütel, J.; Ling, K.; Jaakson, H.; Kaart, T.; Arney, D.; Kärt, O.; Ots, M. (2013). Long-term oral drenching of crude glycerol to primiparous dairy cows in early lactation. *Animal Feed Science and Technology*, 184(1-4), 58 - 66.
21. Velthut, A.; Zilmer, M.; Zilmer, K.; Kaart, T.; Karro, H.; Salumets, A. (2013). Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy. *Reproductive BioMedicine Online*, 26(4), 345 - 352.
22. Rannap, R.; Markus, M.; Kaart, T. (2013). Habitat use of the common spadefoot toad (*Pelobates fuscus*) in Estonia. *Amphibia-Reptilia*, 34, 51 - 62.
23. Runno-Paurson, E.; Williams, I. H.; Metspalu, L.; Kaart, T.; Mänd, M. (2013). Current potato varieties are too susceptible to late blight to be grown without chemical control under North-East European conditions. *Acta Agriculturae Scandinavica, Section B - Plant Soil Science*, 63, 80 - 88.
24. Diaz-Forero, I.; Kuusemets, V.; Mänd, M.; Liivamägi, A.; Kaart, T.; Luig, J. (2013). Influence of local and landscape factors on bumblebees in semi-natural meadows: a multiple-scale study in a forested landscape. *Journal of Insect Conservation*, 17(1), 113 - 125.
25. Padrik, P.; Hallap, T.; Kaart, T.; Bulitko, T.; Jaakma, Ü. (2012). Relationships between the results of hypo-osmotic swelling tests, sperm motility, and fertility in Estonian Holstein dairy bulls. *Czech Journal of Animal Science*, 57(10), 490 - 497.
26. Vallas, M.; Kaart, T.; Värvi, S.; Pärna, K.; Jõudu, I.; Viinalass, H.; Pärna, E. (2012). Composite  $\beta$ -casein genotypes and their effect on composition and coagulation of milk from Estonian Holstein cows. *Journal of Dairy Science*, 95(11), 6760 - 6769.
27. Kass, M.; Aiko, T.; Kaart, T.; Rihma, E.; Ots, M.; Arney, D.; Kärt, O. (2012). Effect of replacement of barley meal with crude glycerol on lactation performance of primiparous dairy cows fed a grass silage-based diet. *Livestock Science*, 150(1-3), 240 - 247.
28. Pretto, D.; Kaart, T.; Vallas, M.; Jõudu, I.; Henno, M.; Ancilotto, L.; Cassandro, M.; Pärna, E. (2011). Relationships between milk coagulation property traits analyzed with different methodologies. *Journal of Dairy Science*, 94(9), 4336 - 4346.
29. Pavlenko, A.; Bergsten, C.; Ekesbo, I.; Kaart, T.; Aland, A.; Lidfors, L. (2011). Influence of digital dermatitis and sole ulcer on dairy cow behaviour and milk production. *Animal*, 5(8), 1259 - 1269.
30. Diaz-Forero, I.; Kuusemets, V.; Mänd, M.; Liivamägi, A.; Kaart, T.; Luig, J. (2011). Effects of forest habitats on the local abundance of bumblebee species: a landscape-scale study. *Baltic Forestry*, 17(2), 235 - 242.

31. Švilponis, E.; Hiiesaar, K.; Kaart, T.; Metspalu, L.; Mänd, M.; Ploomi, A.; Williams, I. H.; Luik, A. (2011). Low temperature survival of post-eclosion stages of the potato rot nematode *Ditylenchus destructor* Thorne (Tylenchida: Anguinidae). *Nematology*, 13(8), 977 - 983.
32. Kaldmäe, M.; Zilmer, M.; Viigimaa, M.; Zemtsovskaja, G.; Tomberg, K.; Kaart, T.; Annuk, M. (2011). Cardiovascular disease risk factors in homeless people. *Uppsala Journal of Medical Sciences*, 116(3), 200 - 207.
33. Laanpere, M.; Altmäe, S.; Kaart, T.; Stavreus-Evers, A.; Nilsson, T. K.; Salumets, A. (2011). Folate-metabolizing gene variants and pregnancy outcome of IVF. *Reproductive BioMedicine Online*, 22(6), 603 - 614.
34. Lamp, M.; Peters, M.; Reinmaa, E.; Haller-Kikkatalo, K.; Kaart, T.; Kadastik, U.; Karro, H.; Metspalu, A.; Salumets, A. (2011). Polymorphisms in ESR1, ESR2 and HSD17B1 genes are associated with fertility status in endometriosis. *Gynecological Endocrinology*, 27(6), 425 - 433.
35. Sell, I.; Kotiranta, H.; Kaart, T. (2011). Habitat requirements of *Peniophora junipericola* (Basidiomycota, Russulales). *Annales Botanici Fennici*, 48(3), 232 - 236.
36. Kurkin, J.; Waldmann, A.; Tiirats, T.; Kaart, T.; Jaakma, Ü. (2011). Morphological Quality of Oocytes and Blood Plasma Metabolites in Repeat Breeding and Early Lactation Dairy Cows. *Reproduction in Domestic Animals*, 46(2), 253 - 260.
37. Vallas, M.; Bovenhuis, H.; Kaart, T.; Pärna, K.; Kiiman, H.; Pärna, E. (2010). Genetic parameters for milk coagulation properties in Estonian Holstein cows. *Journal of Dairy Science*, 93, 3789 - 3796.
38. Padrik, P.; Hallap, T.; Bulitko, T.; Januskauskas, A.; Kaart, T.; Jaakma, Ü. (2010). The quality of frozen-thawed semen of young ai bulls and its relation to the grade of Holstein genes and fertility. *Veterinarija ir Zootechnika*, 50(72), 59 - 65.
39. Jaakson, H.; Ling, K.; Samarütel, J.; Ilves, A.; Kaart, T.; Kärt, O. (2010). Field trial on glucose-induced insulin and metabolite responses in Estonian Holstein and Estonian Red dairy cows in two herds. *Acta Veterinaria Scandinavica*, 52(4), 1 - 7.
40. Peters, M.; Saare, M.; Kaart, T.; Haller-Kikkatalo, K.; Lend, A. K.; Punab, M.; Metspalu, A.; Salumets, A. (2010). Analysis of polymorphisms in the SRD5A2 gene and semen parameters in Estonian men. *Journal of Andrology*, 31(4), 372 - 378.
41. Saare, M.; Lamp, M.; Kaart, T.; Karro, H.; Kadastik, Ü.; Metspalu, A.; Peters, M.; Salumets, A. (2010). Polymorphisms in MMP-2 and MMP-9 promoter regions are associated with endometriosis. *Fertility and Sterility*, 94(4), 1560 - 1563.
42. Jõudu, I.; Henno, M.; Värvi, S.; Viinalass, H.; Püssa, T.; Kaart, T.; Arney, D.; Kärt, O. (2009). The effect of milk proteins on milk coagulation properties in Estonian dairy breeds. *Veterinary Medicine and Zootechnics*, 46(68), 14 - 19.
43. Henno, M.; Ots, M.; Jõudu, I.; Kaart, T.; Kärt, O. (2008). Factors affecting the freezing point stability of milk from individual cows. *International Dairy Journal*, 18, 210 - 215.
44. Jõudu, I.; Henno, M.; Kaart, T.; Püssa, T.; Kärt, O. (2008). The effect of milk proteins contents on the rennet coagulation properties of milk from individual dairy cows. *International Dairy Journal*, 18, 964 - 967.
45. Samarütel, J.; Ling, K.; Waldmann, A.; Jaakson, H.; Kaart, T.; Leesmäe, A. (2008). Field Trial on Progesterone Cycles, Metabolic Profiles, Body Condition Score and their Relation to Fertility in Estonian Holstein Dairy Cows. *Reproduction in Domestic Animals*, 43(4), 457 - 463.
46. Samarütel, J.; Waldmann, A.; Ling, K.; Jaakson, H.; Kaart, T.; Leesmäe, A.; Kärt, O. (2008). Relationships between luteal activity, fertility, blood metabolites and body condition score in multiparous Estonian Holstein dairy cows under different management. *Journal of Dairy Research*, 75, 485 - 490.
47. Ling, K.; Waldmann, A.; Samarütel, J.; Jaakson, H.; Kaart, T.; Leesmäe, A. (2007). Field trial on the relation of blood metabolites and body condition score to the recurrence of luteal activity in Estonian Holstein cows. *Journal of Veterinary Medicine Series A - Physiology Pathology Clinical Medicine*, 54(7), 337 - 341.

48. Jõudu, I.; Henno, M.; Värvi, S.; Kaart, T.; Kärt, O.; Kalamees, K. (2007). Milk protein genotypes and milk coagulation properties of Estonian Native cattle. *Agricultural and Food Science*, 16, 222 - 231.
49. Jaakson, H.; Ling, K.; Kaldmäe, H.; Samarütel, J.; Kaart, T.; Kärt, O. (2007). Influence of Pre-partum Feeding on Periparturient Metabolic Status in Estonian Holstein Cows. *Veterinarija ir Zootechnika*, 40 (60), 14 - 21.
50. Jaakson, H.; Ling, K.; Kaldmäe, H.; Samarütel, J.; Kaart, T.; Kärt, O. (2007). Influence of pre-partum feeding on post-partum intake, production and energy balance in Estonian Holstein cows. *Veterinarija ir Zootechnika*, 40(62), 22 - 28.
51. Waldmann, A.; Kurykin, J.; Jaakma, Ü.; Kaart, T.; Aidnik, M.; Jalakas, M.; Majas, L.; Padrik, P. (2006). The effects of ovarian function on estrus synchronization with PGF in dairy cows. *Theriogenology*, 66(5), 1364 - 1374.
52. Aland, A.; Kaart, T.; Poikalainen, V.; Praks, J. (2005). Incidence of multifactorial diseases in Estonian Dairy Herds - a survey. *Deutsche Tierärztliche Wochenschrift*, 112(12), 474 - 476.

**1.2. Peer-reviewed articles in other international research journals with an ISSN code and international editorial board, which are circulated internationally and open to international contributions**

1. Piirsalu, P.; Samarütel, J.; Tõlp, S.; Nutt, I.; Kaart, T. (2013). Uttede toitumushinde seosed söötmise ja jõudlusega mahetootmisega lambafarmides / Relationships between ewe body condition score, production traits and nutrition, on organic sheep farms. *Agraarteadus*, 24(2), 71 - 78.
2. Kiiman, H.; Tänavots, A.; Kaart, T. (2013). Lehmade piimatoodang ja kvaliteet kahekordsel platsilüpsil võrreldes kolmekordse platsilüpsi ning automaatlüpsiga / The yield and quality of milk on the farms using twice a day conventional milking in comparison with the farms using three times a day conventional and automatic milking systems. *Agraarteadus*, 24(2), 55 - 64.
3. Lehtsalu, S.; Kaart, T.; Kiiman, H. (2010). Lehmvasikate kasvatamine sündimisest seemendamiseni / Rearing female dairy calves from birth to first insemination. *Agraarteadus*, 21, 14 - 23.
4. Padrik P.; Hallap T.; Bulitko T.; Kaart T.; Jaakma Ü. (2010). CVM-geenidefekti ja holsteini veresuse mõju sügavkülmutatud/sulatatud pullisperma kvaliteedile ja emasloomade tiinestumisele / CVM-gene defect and grade of Holstein genes in relation to sperm quality characteristics of Estonian Holstein dairy bulls. *Agraarteadus*, 21, 30 - 37.
5. Piirsalu, P.; Kaart, T. (2009). Tõu mõju eesti tumedapealiste ja eesti valgepealiste tallede võõrutusmassile ja uttede pesakonna suurusele / Breed effect on the lamb weaning weight and ewe litter size of the Estonian Blackface and the Estonian Whiteface sheep. *Agraarteadus*, 20(1), 19 - 24.
6. Jõudu, I.; Henno, M.; Värvi, S.; Viinalass, H.; Püssa, T.; Kaart, T.; Kärt, O. (2009). Ülevaade Eesti veiste piima laapumisomadustest ja seda mõjutavatest teguritest / Milk rennet coagulation properties in Estonian dairy cattle and factors affecting it. A review. *Agraarteadus*, 20(1), 3 - 14.
7. Rihma, E.; Kärt, O.; Mihhejev, K.; Henno, M.; Jõudu, I.; Kaart, T. (2007). Effect of dietary live yeast on milk yield, composition and coagulation properties in early lactation of Estonian holstein cows. *Agraarteadus*, 18(1), 37 - 41.
8. Samarütel, J.; Ling, K.; Jaakson, H.; Kaart, T.; Kärt, O. (2006). Effect of body condition score at parturition on the production performance, fertility and culling in primiparous Estonian holstein cows. *Veterinarija ir Zootechnika*, 36(58), 69 - 74.
9. Kaart, T. (2005). A new approximation for the variance of the ANOVA estimate of the intraclass correlation coefficient. *Proceedings of the Estonian Academy of Sciences. Physics. Mathematics*, 54, 243 - 254.

10. Kiiman, H.; Pärna, E.; Leola, A.; Kaart, T. (2005). Lüpsivõtete mõju somaatiliste rakkude arvule piimas / Effect of milking procedures on milk somatic cell count. *Agraarteadus*, 16(2), 85 - 95.
11. Kaart, T. (2004). About the data designs for estimation of genetic parameters in animal breeding studies. *Acta et Commentationes Universitatis Tartuensis de Mathematica*, 8, 113 - 121.
12. Kärt, O.; Rihma, E.; Tõlp, S.; Kaart, T. (2003). Dry matter intake on the first-parity cows, bred in Estonia, at the beginning of lactation. *Veterinarija ir Zootechnika*, 22(44), 53 - 57.
13. Tänavots, A.; Kaart, T.; Saveli, O. (2002). Artificial Insemination in Pig Breeding in Estonia. *Veterinarija ir Zootechnika*, 19(41), 109 - 111.
14. Tänavots, A.; Kaart, T.; Saveli, O. (2002). Heritability and correlation of meat and fertility traits in pigs in Estonia. *Veterinarija ir Zootechnika*, 19(41), 106 - 108.
15. Tänavots, A.; Somelar, E.; Viinalass, H.; Värv, S.; Kaart, T.; Saveli, O.; Eilart, K.; Pöldvere, A. (2001). Pork quality and porcine stress syndrome in Estonia. *Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact, and Applied Sciences*, 55(5/6), 242 - 246.
16. Saveli, O.; Kaasiku, U.; Kaart, T. (1999). Breeding value of Estonian Holstein bulls depending on pedigree. *Animal Husbandry scientific articles*, 35 (Proceedings of the 5th Baltic Animal Breeding Conference), 11 - 16.
17. Tänavots, A.; Somelar, E.; Saveli, O.; Pöldvere, A.; Kaart, T. (1999). Comparison of ultrasonic equipments in pig production. *Animal Husbandry scientific articles*, 35 (Proceedings of the 5th Baltic Animal Breeding Conference), 157 - 160.
18. Suurmaa, A.; Järv, P.; Kaart, T. (1999). Dairy herd reproduction and growth intensity of replacement cattle. *Animal Husbandry scientific articles*, 35 (Proceedings of the 5th Baltic Animal Breeding Conference), 90 - 95.

### 1.3. Scholarly articles in Estonian and other peer-reviewed research journals with a local editorial board

1. Kübarsepp, I.; Henno, M.; Mihhejev, K.; Kärt, O.; Samarütel, J.; Ling, K.; Kaart, T. (2003). Piima laapumist mõjutavad tegurid / Factors influencing milk coagulation properties. *Agraarteadus*, 14(2), 84 - 95.
2. Kiiman, H.; Kaart, T.; Henno, M. (2003). Piima somaatiliste rakkude arvu mõjutavate tegurite analüüs / Analysis of the factors affecting somatic cell count in milk. *Agraarteadus*, 14(2), 69 - 83.
3. Kübarsepp, I.; Henno, M.; Kärt, O.; Kaart, T. (2002). Eesti veisetõugude piima kaltsiumi- ja fosforisisaldused ning neid mõjutavad faktorid / Milk calcium and phosphorus content of dairy cattle breeds raised in Estonia and factors influencing it. *Agraarteadus*, 13(3), 162 - 175.
4. Saveli, O.; Bulitko, T.; Kaart, T.; Kaasiku, U.; Kalamees, K.; Kureoja, A.; Orgmets, E.; Pulk, H.; Siiber, E.; Uba, M. (2001). Eesti veisetõugude aretuskomponentide võrdlev hinnang ja kasutamine aretusprogrammides / Comparative estimation of breeding components of Estonian cattle breeds and their use in breeding programmes. *Agraarteadus*, 12(4), 224 - 248.
5. Kaart, T. (2001). Ülevaade geneetiliste parameetrite hindamisel kasutatavatest mudelitest. *Eesti Põllumajandusülikooli Loomakasvatusinstituudi teadustöid*, 71. Tartu, LKI, 52 – 66
6. Piirsalu, P.; Kaart, T. (2001). Eesti tõulammaste geneetiliste parameetrite hindamine. *Eesti Põllumajandusülikooli Loomakasvatusinstituudi teadustöid*, 71. Tartu, LKI, 121 - 130.

## **2. A book/monograph**

### **2.1. Scholarly monographs**

1. Pärna, E.; Kaart, T.; Kiiman, H.; Bulitko, T.; Viinalass, H. (2012). Milk Protein Genotype Associations with Milk Coagulation and Quality Traits. Narongsak Chaiyabutr (Eds.). *Milk Production – Advanced Genetic Traits, Cellular Mechanism, Animal Management and Health* (155 - 172). InTech - Open Access Publisher.

### **2.2. Monographs**

1. Kaart, T. (2005). *The Reliability of Linear Mixed Models in Genetic Studies*. (PhD Dissertation) Tartu: Tartu University Press (<http://dspace.utlib.ee/dspace/bitstream/10062/1217/5/kaart.pdf>).

### 3. Articles in international proceedings / a chapter in a book or in a collection / specific research publications

1. Rannap, R.; Kaart, T.; Pehlak, H.; Kana, S.; Nellis, R.; Soomets, E.; Lanno, K. (2015). Rannaniitude majandamine ja hüdroloogia: mis määrab kahlajate ja kahepaiksete elupaigakvaliteedi? (Toim.) Rannap, R.; Sõber, V.; Tiitsaar, A.; Kraut, A. In: *Loopealsete ja rannaniitude majandamine ja elustiku seisund* (31 - 45). Tartu: Tartu Ülikool
2. Waldmann, A.; Valdmann, M.; Kurykin, J.; Kaart, T.; Mällo, G.-K. (2014). Blood plasma insulin-like growth factor 1 (IGF-1) concentrations in combination with the cytological endometritis status as predictors for reproductive performance and likelihood of culling in multiparous dairy cows. J.L. Juengel, A. Miyamoto, C. Price, L.P. Reynolds, M.F. Smith, R. Webb. (Toim.). *Reproduction in Domestic Ruminants VIII. Proceedings of the Ninth International Symposium on Reproduction in Domestic Ruminants*, Obihiro, Hokkaido, Japan, August 2014 (579). Context Productions Ltd.
3. Waldmann, A.; Valdmann, M.; Kurykin, J.; Mällo, G.-K.; Kaart, T.; Larsen, T. (2014). Cytological evaluation of uterine health status in the cow. Renée Båge, Bodil Ström Holst, Patrice Humblot (Toim.). *Uterine Health*. In: *Proceedings from a European seminar in Uppsala*, Sweden, November 7, 2013. (27). Uppsala: SLU Service/Repro.
4. Pretto, D.; Tänavots, A.; Kiiman, H.; Pärna, E.; Viinalass, H.; Kaart, T. (2014). Genetic parameters of average milk flow recorded electronically from milking parlours and automatic milking systems in Estonian Holstein dairy cows. In: *Proceedings of the 10th World Congress on Genetics Applied to Livestock Production (WCGALP)*: Vancouver, BC, Canada; 17-22 August 2014. Vancouver, BC, Canada (616).
5. Piirsalu, P.; Samarütel, J.; Tölp, S.; Nutt, I.; Kaart, T. (2013). Relationships between ewe body condition score, production traits and nutrition, on organic sheep farms. In: *Proceedings of the 4th Nordic Feed Science Conference*: Uppsala, Sweden, 12-13 June 2013. (Eds.) Udén, P; Eriksson, T.; Rustas, B. O.; Müller, C. E.; Spörndly, R.; Pauly, T.; Emanuelson, M.. Uppsala, Sweden: Swedish University of Agricultural Sciences, 2013, 114 - 117.
6. Polikarpus, A.; Kaart, T.; Kokin, E.; Veermäe, I.; Poikalainen, V. (2012). Factors influencing milking order of dairy cows in an cowshed. In: *Conference proceedings: NJF conference: "Dairy production in modern loose housing cowsheds - practical implications and future challenges"* 2-5.03.2012 Tartu, Estonia. Tartu, Estonia, 2012, 25 - 26.
7. Polikarpus, A.; Kaart, T.; Kokin, E.; Veermäe, I.; Poikalainen, V. (2011). Automatic Monitoring of Milking Order In an Large Loose Housing Cowshed. In: *XVth ISAH Congress 2011 Proceedings: XVth ISAH Congress*, Vienna, Austria. International Society for Animal Hygiene, 329 - 332.
8. Vallas, M.; Kaart, T.; Värv, S.; Viinalass, H.; Kiiman, H.; Pärna, K.; Pärna, E. (2010). Associations Between Milk Protein Genotypes And Milk Coagulation Properties Of Estonian Holstein Cows. In: *Proceedings of the 9th World Congress on Genetics Applied to Livestock Production (WCGALP)*: Leipzig, Germany; 1-6 August 2010 (0507).
9. Kaart, T.; Vallas, M.; Waldmann, A.; Kiiman, H.; Pärna, K.; Pärna, E. (2010). Associations between milk quality traits and coagulation properties and fertility in Estonian Holstein heifers and first lactation cows. In: *Proceedings of the 9th World Congress on Genetics Applied to Livestock Production (WCGALP)*: Leipzig, Germany; 1-6 August 2010 (0567).
10. Samarütel, J.; Jaakson, H.; Ling, K.; Waldmann, A.; Kaart, T.; Ilves, A.; Kärt, O. (2010). A Study on Glucose-induced Insulin Response and Time of Onset of Luteal Activity in Dairy Cows. In: *Book of Proceedings: 14th International Conference on Production Diseases in Farm Animals*. (Eds.). Geert Opsomer. Ghent: University Press, 28 - 29.
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