

Pivko J, Makarevich AV, Kubovicova E, Ostro A, Hegedusova Z, Louda F.: Histopathological alteration in the antral follicles in dairy cows with a tendency to emaciation. *Histology and Histopathology* 27, p. 1211-1217, 2012 (IF: 2,281).

Olexikova L, Makarevich AV, Pivko J, Chrenek P.: Ultrastructure of rabbit embryos exposed to hyperthermia and anti-Hsp 70. *Anat Histol Embryol.*, 42 (4), p. 285-291, 2013 (IF: 0,742).

Balazi A, Sirotkin AV, Pivko J, Chrenek P.: Effect of Oxytocin, IBMX and dbcAMP on Rabbit Ovarian Follicles. *Anat Histol Embryol.* 43 (5), p. 371-385, 2013 (IF: 0,742).

Sirotkin AV, Makarevich AV, Makovicky P, Kubovicova E.: Ovarian, metabolic and endocrine indexes in dairy cows with different body condition scores. *Journal of Animal and Feed Sciences* 72, p. 316-322, 2013 (IF: 0,591).

Sirotkin AV, Chrenek P, Kolesarova A, Parillo F, Zerani M, Boiti C.: Novel regulators of rabbit reproductive functions. *Anim Reprod Sci.*, 148 (3-4), p.188-196, 2014 (IF: 1,581).

Makarevich AV, Spalekova E, Olexikova L, Kubovicova E, Hegedusova Z.: Effect of insulin-like growth factor I on functional parameters of ram cooled-stored spermatozoa. *Zygote*, 22 (3), p. 305-313, 2014 (IF: 1,323).

Chrenek P, Makarevich AV, Popelkova M, Schlarmanova J, Toporcerova S, Ostro A, Zivcak J, Bosze Z.: Ultrastructure of vitrified rabbit transgenic embryos. *Zygote*, 22(4), p. 558-564, 2014 (IF: 1,323).

Chrenek P, Kubovicova E, Olexikova L, Makarevich AV, Toporcerova S, Ostro A.: Effect of body condition and season on yield and quality of *in vitro* produced bovine embryos. *Zygote*, nov. 26, p. 1-7, 2014 (IF: 1,323).

Kulikova B, Di Iorio M, Kubovicova E, Kuzelova L, Iaffaldano N, Chrenek P.: The cryoprotective effect of Ficoll on the rabbit spermatozoa quality. *Zygote*, sept. 26, p. 1-10, 2014 (IF: 1,323).

Vasicek J, Pivko J, Chrenek P.: Reproductive performance of New Zealand White rabbits after depletion of apoptotic spermatozoa. *Folia Biologica (Krakow)*, 62(2), p. 109-117, 2014 (IF: 0,478).

Spalekova E, Makarevic A, Kubovicova E, Ostro A, Chrenek P.: Effect of caffeine on functions of cooling-stored ram sperm *in vitro*. *Acta Vet Brno*, 83, p. 19-25, 2014 (IF: 0,448).