

Alois Boos

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

727
citations

14
h-index

24
g-index

51
ext. papers

938
ext. citations

3.2
avg, IF

3.96
L-index

#	Paper	IF	Citations
51	An animal model in sheep for biocompatibility testing of biomaterials in cancellous bones. <i>BMC Musculoskeletal Disorders</i> , 2006 , 7, 67	2.8	54
50	Expression and functional implications of peroxisome proliferator-activated receptor gamma (PPAR γ) in canine reproductive tissues during normal pregnancy and parturition and at antiprogesterin induced abortion. <i>Theriogenology</i> , 2011 , 75, 877-86	2.8	50
49	Prostaglandin E2 functions as a luteotrophic factor in the dog. <i>Reproduction</i> , 2013 , 145, 213-26	3.8	39
48	Biosynthesis and degradation of canine placental prostaglandins: prepartum changes in expression and function of prostaglandin F2 β synthase (PGFS, AKR1C3) and 15-hydroxyprostaglandin dehydrogenase (HPGD). <i>Biology of Reproduction</i> , 2013 , 89, 2	3.9	39
47	Luteal and placental function in the bitch: spatio-temporal changes in prolactin receptor (PRLr) expression at dioestrus, pregnancy and normal and induced parturition. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 109	5	34
46	Steroidogenic capacity of the placenta as a supplemental source of progesterone during pregnancy in domestic cats. <i>Reproductive Biology and Endocrinology</i> , 2012 , 10, 89	5	30
45	Ectopic ureters in dogs: clinical features, surgical techniques and outcome. <i>Veterinary Surgery</i> , 2012 , 41, 515-22	1.7	29
44	The role of hypoxia and HIF1 α in the regulation of STAR-mediated steroidogenesis in granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 401, 35-44	4.4	28
43	Expression and localization of vascular endothelial growth factor A (VEGFA) and its two receptors (VEGFR1/FLT1 and VEGFR2/FLK1/KDR) in the canine corpus luteum and utero-placental compartments during pregnancy and at normal and induced parturition. <i>General and Comparative Endocrinology</i> , 2015 , 282, 51-65	3	24
42	Canine placental prostaglandin E2 synthase: expression, localization, and biological functions in providing substrates for prepartum PGF2 α synthesis. <i>Biology of Reproduction</i> , 2014 , 91, 154	3.9	21
41	Immunohistochemical assessment of collagen types I, III, IV and VI in biopsy samples of the bovine uterine wall collected during the oestrous cycle. <i>Cells Tissues Organs</i> , 2000 , 167, 225-38	2.1	19
40	In vitro decidualisation of canine uterine stromal cells. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 85	5	18
39	Leptin in the canine uterus and placenta: possible implications in pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 13	5	16
38	Vasoactive intestinal peptide (VIP)-mediated expression and function of steroidogenic acute regulatory protein (StAR) in granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2010 , 328, 93-103	4.4	16
37	Uterine and placental distribution of selected extracellular matrix (ECM) components in the dog. <i>Reproduction</i> , 2018 , 155, 403-421	3.8	14
36	Uterine responses to early pre-attachment embryos in the domestic dog and comparisons with other domestic animal species. <i>Biology of Reproduction</i> , 2017 , 97, 197-216	3.9	14
35	Functional implications of the utero-placental relaxin (RLN) system in the dog throughout pregnancy and at term. <i>Reproduction</i> , 2017 , 154, 415-431	3.8	14

34	Transcriptome analysis reveals differences in mechanisms regulating cessation of luteal function in pregnant and non-pregnant dogs. <i>BMC Genomics</i> , 2017 , 18, 757	4.5	14
33	Endocrine control of canine mammary neoplasms: serum reproductive hormone levels and tissue expression of steroid hormone, prolactin and growth hormone receptors. <i>BMC Veterinary Research</i> , 2015 , 11, 235	2.7	14
32	Immunohistochemical demonstration of vitamin D receptor distribution in goat intestines. <i>Cells Tissues Organs</i> , 2007 , 186, 121-8	2.1	14
31	In vivo investigations on luteotropic activity of prostaglandins during early diestrus in nonpregnant bitches. <i>Theriogenology</i> , 2014 , 82, 915-20	2.8	13
30	Vitamin D receptor distribution in intestines of domesticated sheep <i>Ovis ammon f. aries</i> . <i>Journal of Morphology</i> , 2008 , 269, 144-52	1.6	13
29	Expression and functional implications of luteal endothelins in pregnant and non-pregnant dogs. <i>Reproduction</i> , 2015 , 150, 405-15	3.8	12
28	Luteal and hypophyseal expression of the canine relaxin (RLN) system during pregnancy: Implications for luteotropic function. <i>PLoS ONE</i> , 2018 , 13, e0191374	3.7	12
27	Interplacental uterine expression of genes involved in prostaglandin synthesis during canine pregnancy and at induced parturition luteolysis/abortion. <i>Reproductive Biology and Endocrinology</i> , 2014 , 12, 46	5	12
26	TRPV6 and Calbindin-D9k-expression and localization in the bovine uterus and placenta during pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2012 , 10, 66	5	12
25	Expression patterns of intestinal calcium transport factors and ex-vivo absorption of calcium in horses. <i>BMC Veterinary Research</i> , 2011 , 7, 65	2.7	12
24	Placental origin of prostaglandin F ₂ in the domestic cat. <i>Mediators of Inflammation</i> , 2014 , 2014, 364787	4.3	11
23	Cells expressing CD4, CD8, MHCII and endoglin in the canine corpus luteum of pregnancy, and parturition activation of the luteal TNF system. <i>Theriogenology</i> , 2017 , 98, 123-132	2.8	10
22	Gene expression profiling of the canine placenta during normal and antigestagen-induced luteolysis. <i>General and Comparative Endocrinology</i> , 2019 , 282, 113194	3	9
21	Expression of prolactin receptors in normal canine mammary tissue, canine mammary adenomas and mammary adenocarcinomas. <i>BMC Veterinary Research</i> , 2012 , 8, 72	2.7	9
20	Evaluation of the anatomic effect of physical therapy exercises for mobilization of lumbar spinal nerves and the dura mater in dogs. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1773-9	1.1	9
19	Magnetic resonance imaging of intracranial tissue accumulations in domestic ducks (<i>Anas platyrhynchos f. dom.</i>) with feather crests. <i>Veterinary Radiology and Ultrasound</i> , 2001 , 42, 254-8	1.2	9
18	Pregnancy-associated glycoproteins in cows with retained fetal membranes. <i>Theriogenology</i> , 2018 , 105, 158-163	2.8	8
17	LPS-challenged TNF production, prostaglandin secretion, and TNF/TNFRs expression in the endometrium of domestic cats in estrus or diestrus, and in cats with pyometra or receiving medroxyprogesterone acetate. <i>Mediators of Inflammation</i> , 2014 , 2014, 689280	4.3	8

16	Sexing of turkey poults by Fourier transform infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 465-70	4.4	8
15	Prostaglandin-mediated effects in early canine corpus luteum: In vivo effects on vascular and immune factors. <i>Reproductive Biology</i> , 2019 , 19, 100-111	2.3	7
14	Elevated utero/placental GR/NR3C1 is not required for the induction of parturition in the dog. <i>Reproduction</i> , 2016 , 152, 303-11	3.8	7
13	Expression of insulin-like growth factor 1 and its receptor in preovulatory follicles and in the corpus luteum in the bitch. <i>General and Comparative Endocrinology</i> , 2018 , 269, 68-74	3	6
12	Quantitative morphological changes in the interplacentomal wall of the gravid uterine horn of cattle during pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 32	5	6
11	Evolutionary implications of fetal and maternal microvillous surfaces in epitheliochorial placentae. <i>Journal of Morphology</i> , 2019 , 280, 615-622	1.6	5
10	Global Transcriptomic Analysis of the Canine (CL) During the First Half of Diestrus and Changes Induced by Inhibition of Prostaglandin Synthase 2 (PTGS2/COX2). <i>Frontiers in Endocrinology</i> , 2019 , 10, 715	5.7	5
9	Uterine and placental expression of HPGD in cows during pregnancy and release of fetal membranes. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 128-129, 17-26	3.7	4
8	Canine decidualization in vitro: extracellular matrix modification, progesterone mediated effects and selective blocking of prostaglandin E2 receptors. <i>Journal of Reproduction and Development</i> , 2020 , 66, 319-329	2.1	4
7	Morphological Characterization of Basally Located Uninucleate Trophoblast Cells as Precursors of Bovine Binucleate Trophoblast Giant Cells. <i>Cells Tissues Organs</i> , 2018 , 205, 151-163	2.1	4
6	Cellular localization, expression and functional implications of the utero-placental endothelin system during maintenance and termination of canine gestation. <i>Journal of Reproduction and Development</i> , 2017 , 63, 235-245	2.1	3
5	Situs ambiguus in a Brown Swiss cow with polysplenia: case report. <i>BMC Veterinary Research</i> , 2013 , 9, 34	2.7	3
4	Expression of GnRH receptor in the canine corpus luteum, and luteal function following deslorelin acetate-induced puberty delay. <i>Reproduction in Domestic Animals</i> , 2017 , 52, 1104-1112	1.6	2
3	Luteal ANGPT-TIE system during selected stages of pregnancy, and normal and antigestagen-induced luteolysis in the dog. <i>Reproduction</i> , 2018 , 156, 451-461	3.8	2
2	Centrosome Clustering in the Development of Bovine Binucleate Trophoblast Giant Cells. <i>Cells Tissues Organs</i> , 2017 , 203, 287-294	2.1	1
1	Lipopolysaccharide disrupts gap junctional intercellular communication in an immortalized ovine luteal endothelial cell line. <i>Toxicology in Vitro</i> , 2019 , 60, 437-449	3.6	0