

Alois Boos

List of Publications by Year in descending order

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51
papers

1,060
citations

394390

19
h-index

454934

30
g-index

51
all docs

51
docs citations

51
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	An animal model in sheep for biocompatibility testing of biomaterials in cancellous bones. BMC Musculoskeletal Disorders, 2006, 7, 67.	1.9	68
2	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. Theriogenology, 2011, 75, 877-886.	2.1	67
3	Prostaglandin E2 functions as a luteotrophic factor in the dog. Reproduction, 2013, 145, 213-226.	2.6	64
4	Biosynthesis and Degradation of Canine Placental Prostaglandins: Prepartum Changes in Expression and Function of Prostaglandin F $_{2\alpha}$ -Synthase (PGFS, AKR1C3) and 15-Hydroxyprostaglandin Dehydrogenase (HPGD). Biology of Reproduction, 2013, 89, 2.	2.7	55
5	The role of hypoxia and HIF1 α in the regulation of STAR-mediated steroidogenesis in granulosa cells. Molecular and Cellular Endocrinology, 2015, 401, 35-44.	3.2	50
6	Luteal and placental function in the bitch: spatio-temporal changes in prolactin receptor (PRLr) expression at dioestrus, pregnancy and normal and induced parturition. Reproductive Biology and Endocrinology, 2011, 9, 109.	3.3	46
7	Ectopic Ureters in Dogs: Clinical Features, Surgical Techniques and Outcome. Veterinary Surgery, 2012, 41, 515-522.	1.0	41
8	Steroidogenic capacity of the placenta as a supplemental source of progesterone during pregnancy in domestic cats. Reproductive Biology and Endocrinology, 2012, 10, 89.	3.3	40
9	Canine Placental Prostaglandin E2 Synthase: Expression, Localization, and Biological Functions in Providing Substrates for Prepartum PGF $_{2\alpha}$ Synthesis. Biology of Reproduction, 2014, 91, 154.	2.7	38
10	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. General and Comparative Endocrinology, 2015, 223, 54-65.	1.8	31
11	Transcriptome analysis reveals differences in mechanisms regulating cessation of luteal function in pregnant and non-pregnant dogs. BMC Genomics, 2017, 18, 757.	2.8	26
12	In vitro decidualisation of canine uterine stromal cells. Reproductive Biology and Endocrinology, 2015, 13, 85.	3.3	25
13	In vivo investigations on luteotropic activity of prostaglandins during early diestrus in nonpregnant bitches. Theriogenology, 2014, 82, 915-920.	2.1	23
14	Uterine and placental distribution of selected extracellular matrix (ECM) components in the dog. Reproduction, 2018, 155, 403-421.	2.6	23
15	Immunohistochemical Assessment of Collagen Types I, III, IV and VI in Biopsy Samples of the Bovine Uterine Wall Collected during the Oestrous Cycle. Cells Tissues Organs, 2000, 167, 225-238.	2.3	22
16	Expression and functional implications of luteal endothelins in pregnant and non-pregnant dogs. Reproduction, 2015, 150, 405-415.	2.6	22
17	Uterine responses to early pre-attachment embryos in the domestic dog and comparisons with other domestic animal species. Biology of Reproduction, 2017, 97, 197-216.	2.7	22
18	Placental Origin of Prostaglandin F $_{2\alpha}$ in the Domestic Cat. Mediators of Inflammation, 2014, 2014, 1-8.	3.0	21

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19	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.	3.2	20
20	Functional implications of the utero-placental relaxin (RLN) system in the dog throughout pregnancy and at term. <i>Reproduction</i> , 2017, 154, 415-431.	2.6	20
21	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.	1.9	19
22	Cells expressing CD4, CD8, MHCII and endoglin in the canine corpus luteum of pregnancy, and prepartum activation of the luteal TNF± system. <i>Theriogenology</i> , 2017, 98, 123-132.	2.1	19
23	Leptin in the canine uterus and placenta: possible implications in pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 13.	3.3	18
24	Prostaglandin-mediated effects in early canine corpus luteum: In vivo effects on vascular and immune factors. <i>Reproductive Biology</i> , 2019, 19, 100-111.	1.9	17
25	Immunohistochemical Demonstration of Vitamin D Receptor Distribution in Goat Intestines. <i>Cells Tissues Organs</i> , 2007, 186, 121-128.	2.3	16
26	Vitamin D receptor distribution in intestines of domesticated sheep <i>Ovis ammon</i> f. aries. <i>Journal of Morphology</i> , 2008, 269, 144-152.	1.2	16
27	Gene expression profiling of the canine placenta during normal and antigestagen-induced luteolysis. <i>General and Comparative Endocrinology</i> , 2019, 282, 113194.	1.8	16
28	Expression patterns of intestinal calcium transport factors and ex-vivo absorption of calcium in horses. <i>BMC Veterinary Research</i> , 2011, 7, 65.	1.9	15
29	TRPV6 and Calbindin-D9k-expression and localization in the bovine uterus and placenta during pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 66.	3.3	15
30	Pregnancy-associated glycoproteins in cows with retained fetal membranes. <i>Theriogenology</i> , 2018, 105, 158-163.	2.1	14
31	Interplacental uterine expression of genes involved in prostaglandin synthesis during canine pregnancy and at induced prepartum luteolysis/abortion. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 46.	3.3	13
32	Luteal and hypophyseal expression of the canine relaxin (RLN) system during pregnancy: Implications for luteotropic function. <i>PLoS ONE</i> , 2018, 13, e0191374.	2.5	13
33	Elevated utero/placental GR/NR3C1 is not required for the induction of parturition in the dog. <i>Reproduction</i> , 2016, 152, 303-311.	2.6	12
34	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, 1773-1779.	0.6	11
35	Sexing of turkey poults by Fourier transform infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 465-470.	3.7	11
36	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, 1-12.	3.0	11

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37	MAGNETIC RESONANCE IMAGING OF INTRACRANIAL TISSUE ACCUMULATIONS IN DOMESTIC DUCKS (<i>Anas</i>) Tj ETQq1 1 0.784314 rg5T	0.9	10
38	Expression of prolactin receptors in normal canine mammary tissue, canine mammary adenomas and mammary adenocarcinomas. <i>BMC Veterinary Research</i> , 2012, 8, 72.	1.9	10
39	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.	1.8	10
40	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.	1.4	10
41	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.	2.3	9
42	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.	1.9	7
43	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.	3.3	6
44	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.	1.4	6
45	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.	1.4	6
46	Evolutionary implications of fetal and maternal microvillous surfaces in epitheliochorial placentae. <i>Journal of Morphology</i> , 2019, 280, 615-622.	1.2	6
47	Global Transcriptomic Analysis of the Canine corpus luteum (CL) During the First Half of Diestrus and Changes Induced by in vivo Inhibition of Prostaglandin Synthase 2 (PTGS2/COX2). <i>Frontiers in Endocrinology</i> , 2019, 10, 715.	3.5	6
48	Situs ambiguus in a Brown Swiss cow with polysplenia: case report. <i>BMC Veterinary Research</i> , 2013, 9, 34.	1.9	4
49	Lipopolysaccharide disrupts gap junctional intercellular communication in an immortalized ovine luteal endothelial cell line. <i>Toxicology in Vitro</i> , 2019, 60, 437-449.	2.4	4
50	Centrosome Clustering in the Development of Bovine Binucleate Trophoblast Giant Cells. <i>Cells Tissues Organs</i> , 2017, 203, 287-294.	2.3	3
51	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.	2.6	3