

Alois Boos

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,060
citations

394421

19
h-index

454955

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 F2 α -Synthase (PGFS, AKR1C3) and 15-Hydroxyprostaglandin Dehydrogenase (HPGD)1. Biology of Reproduction, 2013, 89, 2. | 2.7 | 55 |
| 5 | The role of hypoxia and HIF1 \pm 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 PGF2 α Synthesis1. 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 | InÂvivo 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 F2 \pm 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 α 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 α Production, Prostaglandin Secretion, and TNF α /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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 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. BMC Veterinary Research, 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. General and Comparative Endocrinology, 2018, 269, 68-74. | 1.8 | 10 |
| 40 | Canine decidualization <i>in vitro</i>; extracellular matrix modification, progesterone mediated effects and selective blocking of prostaglandin E2 receptors. Journal of Reproduction and Development, 2020, 66, 319-329. | 1.4 | 10 |
| 41 | Morphological Characterization of Basally Located Uninucleate Trophoblast Cells as Precursors of Bovine Binucleate Trophoblast Giant Cells. Cells Tissues Organs, 2018, 205, 151-163. | 2.3 | 9 |
| 42 | Uterine and placental expression of HPGD in cows during pregnancy and release of fetal membranes. Prostaglandins and Other Lipid Mediators, 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. Reproductive Biology and Endocrinology, 2015, 13, 32. | 3.3 | 6 |
| 44 | Expression of GnRH receptor in the canine corpus luteum, and luteal function following deslorelin acetateâ€induced puberty delay. Reproduction in Domestic Animals, 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. Journal of Reproduction and Development, 2017, 63, 235-245. | 1.4 | 6 |
| 46 | Evolutionary implications of fetal and maternal microvillous surfaces in epitheliochorial placentae. Journal of Morphology, 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). Frontiers in Endocrinology, 2019, 10, 715. | 3.5 | 6 |
| 48 | Situs ambiguus in a Brown Swiss cow with polysplenia: case report. BMC Veterinary Research, 2013, 9, 34. | 1.9 | 4 |
| 49 | Lipopolysaccharide disrupts gap junctional intercellular communication in an immortalized ovine luteal endothelial cell line. Toxicology in Vitro, 2019, 60, 437-449. | 2.4 | 4 |
| 50 | Centrosome Clustering in the Development of Bovine Binucleate Trophoblast Giant Cells. Cells Tissues Organs, 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.. Reproduction, 2018, 156, 451-461. | 2.6 | 3 |