Susanne Ulbrich

List of Publications by Year
in descending order

88	2,893	172457	182427
papers	citations	29 h-index	51 g-index

90	90	90	3023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of lipopolysaccharide-induced suppression of luteal function in isolated perfused bovine ovaries. Journal of Reproduction and Development, 2022, 68, 45-52.	1.4	2
2	Exploring the social network of European roe deer (Capreolus capreolus) in captivity. Applied Animal Behaviour Science, 2022, 246, 105526.	1.9	2
3	Influence of the farrowing process and different sow and piglet traits on uterine involution in a free farrowing system. Theriogenology, 2022, 182, 1-8.	2.1	10
4	Inflammatory Response of Primary Cultured Bovine Mammary Epithelial Cells to Staphylococcus aureus Extracellular Vesicles. Biology, 2022, 11, 415.	2.8	5
5	Determining extracellular vesicles properties and miRNA cargo variability in bovine milk from healthy cows and cows undergoing subclinical mastitis. BMC Genomics, 2022, 23, 189.	2.8	20
6	Luminal and Glandular Epithelial Cells from the Porcine Endometrium maintain Cell Type-Specific Marker Gene Expression in Airâ€“Liquid Interface Culture. Stem Cell Reviews and Reports, 2022, 18, 2928-2938.	3.8	2
7	Embryonic diapause in mammals and dormancy in embryonic stem cells with the European roe deer as experimental model. Reproduction, Fertility and Development, 2021, 33, 76.	0.4	1
8	Transcriptome dynamics in early in vivo developing and in vitro produced porcine embryos. BMC Genomics, 2021, 22, 139.	2.8	12
9	Mitochondrial DNA Depletion in Granulosa Cell Derived Nuclear Transfer Tissues. Frontiers in Cell and Developmental Biology, 2021, 9, 664099.	3.7	3
10	Amino acids activate mTORC1 to release roe deer embryos from decelerated proliferation during diapause. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
11	Moderate differences in plasma leptin in mares have no effect on either the amino acid or the fatty acid composition of the uterine fluid. Journal of Equine Veterinary Science, 2021, , 103827.	0.9	0
12	Progestogen profiling in plasma during the estrous cycle in cattle using an LC-MS based approach. Theriogenology, 2020, 142, 376-383.	2.1	7
13	Alpine and lowland grazing differentially alter the reproductive tract redox milieu and amino acid composition in cattle. Animal Reproduction Science, 2020, 213, 106268.	1.5	1
14	Enhancing knowledge exchange and performance recording through use of short messaging service in smallholder dairy farming systems in Malawi. Cogent Food and Agriculture, 2020, 6, 1801214.	1.4	0
15	Initiation of Conceptus Elongation Coincides with an Endometrium Basic Fibroblast Growth Factor (FGF2) Protein Increase in Heifers. International Journal of Molecular Sciences, 2020, 21, 1584.	4.1	5
16	Vascular Endothelial Growth Factor A and VEGFR-1 Change during Preimplantation in Heifers. International Journal of Molecular Sciences, 2020, 21, 544.	4.1	9
17	Preferential Partitioning of Rumenâ€Protected nâ€3 and nâ€6 Fatty Acids into Functionally Different Adipose Tissues. Lipids, 2020, 55, 239-250.	1.7	2
18	Mammalian Annotation Database for improved annotation and functional classification of Omics datasets from less well-annotated organisms. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	13

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19	Endometrial luminal epithelial cells sense embryo elongation in the roe deer independent of interferon-tauâ€. Biology of Reproduction, 2019, 101, 882-892.	2.7	5
20	Partitioning of Rumenâ€Protected nâ€3 and nâ€6 Fatty Acids is Organâ€Specific in Growing Angus Heifers. Lipids, 2019, 54, 503-517.	1.7	3
21	Differential transcriptome dynamics during the onset of conceptus elongation and between female and male porcine embryos. BMC Genomics, 2019, 20, 679.	2.8	11
22	Do ovarian steroid hormones control the resumption of embryonic growth following the period of diapause in roe deer (Capreolus capreolus)?. Reproductive Biology, 2019, 19, 149-157.	1.9	10
23	Comparison of six breast cancer classifiers using qPCR. Bioinformatics, 2019, 35, 3412-3420.	4.1	4
24	Spatial organization of endometrial gene expression at the onset of embryo attachment in pigs. BMC Genomics, 2019, 20, 895.	2.8	26
25	MicroRNA of whole milk samples are not suitable for pregnancy detection in cattle. Gene, 2019, 692, 17-21.	2.2	3
26	Exposure of pregnant sows to low doses of estradiol-17Î² impacts on the transcriptome of the endometrium and the female preimplantation embryosâ€. Biology of Reproduction, 2019, 100, 624-640.	2.7	1
27	Cell type-specific endometrial transcriptome changes during initial recognition of pregnancy in the mare. Reproduction, Fertility and Development, 2019, 31, 496.	0.4	17
28	Progestogen Profiling Over the Course of Diapause and Resumption of Embryo Development in the European Roe Deer. SciMedicine Journal, 2019, 1, 158-167.	0.7	3
29	Bovine embryo elongation is altered due to maternal fatty acid supplementation. Biology of Reproduction, 2018, 99, 600-610.	2.7	13
30	Impact of preimplantational oral lowâ€dose estradiolâ€17Î² exposure on the endometrium: The role of miRNA. Molecular Reproduction and Development, 2018, 85, 417-426.	2.0	9
31	Conjugated estrogens in the endometrium during the estrous cycle in pigs. Reproductive Biology, 2018, 18, 336-343.	1.9	5
32	Effect of immune modulators on in vitro activation and proliferation of peripheral blood mononuclear cells from multiparous Holstein cows peripartum. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1515-1520.	2.2	3
33	Cell type-specific analysis of transcriptome changes in the porcine endometrium on Day 12 of pregnancy. BMC Genomics, 2018, 19, 459.	2.8	38
34	Gestational oral low-dose estradiol-17Î² induces altered DNA methylation of CDKN2D and PSAT1 in embryos and adult offspring. Scientific Reports, 2018, 8, 7494.	3.3	19
35	Small RNA-seq analysis of single porcine blastocysts revealed that maternal estradiol-17beta exposure does not affect miRNA isoform (isomiR) expression. BMC Genomics, 2018, 19, 590.	2.8	17
36	Effects of intravenous infusion of E.coli lipopolysaccharide in early pregnant cows. Reproduction, 2018, 157, 65-76.	2.6	0

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37	Blastocysts depict sex-specific signalling of IFNT transcription, translation and activity. Reproduction, 2018, 157, 245-258.	2.6	0
38	Annotation of the Domestic Pig Genome by Quantitative Proteogenomics. Journal of Proteome Research, 2017, 16, 2887-2898.	3.7	25
39	Modelling aspects of oviduct fluid formation in vitro. Reproduction, 2017, 153, 23-33.	2.6	15
40	Contribution of Ruminal Fungi, Archaea, Protozoa, and Bacteria to the Methane Suppression Caused by Oilseed Supplemented Diets. Frontiers in Microbiology, 2017, 8, 1864.	3.5	18
41	Can milk cell or skim milk miRNAs be used as biomarkers for early pregnancy detection in cattle?. PLoS ONE, 2017, 12, e0172220.	2.5	32
42	Gene expression of bovine embryos developing at the air-liquid interface on oviductal epithelial cells (ALI-BOEC). Reproductive Biology and Endocrinology, 2017, 15, 91.	3.3	15
43	Epigenetic effects of prenatal estradiol-17Î² exposure on the reproductive system of pigs. Molecular and Cellular Endocrinology, 2016, 430, 125-137.	3.2	11
44	Sex-specific effects of low-dose gestational estradiol-17Î² exposure on bone development in porcine offspring. Toxicology, 2016, 366-367, 60-67.	4.2	11
45	Dexamethasoneâ€Induced Eosinopenia is Associated with Lower Progesterone Production in Cattle. Reproduction in Domestic Animals, 2013, 48, 137-148.	1.4	16
46	Transcriptional profiling to address molecular determinants of endometrial receptivity â€“ Lessons from studies in livestock species. Methods, 2013, 59, 108-115.	3.8	34
47	Hepatic Methionine Homeostasis Is Conserved in C57BL/6N Mice on High-Fat Diet Despite Major Changes in Hepatic One-Carbon Metabolism. PLoS ONE, 2013, 8, e57387.	2.5	32
48	HOXA10 mRNA expression and promoter DNA methylation in female pig offspring after in utero estradiol-17Î² exposure. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 435-444.	2.5	21
49	Transcriptome Changes in the Porcine Endometrium During the Preattachment Phase1. Biology of Reproduction, 2013, 89, 134.	2.7	67
50	Hosting the preimplantation embryo: potentials and limitations of different approaches for analysing embryo - endometrium interactions in cattle. Reproduction, Fertility and Development, 2013, 25, 62.	0.4	11
51	Tissue-Specific and Minor Inter-Individual Variation in Imprinting of IGF2R Is a Common Feature of Bos taurus Concepti and Not Correlated with Fetal Weight. PLoS ONE, 2013, 8, e59564.	2.5	13
52	Comparison of the Effects of Early Pregnancy with Human Interferon, Alpha 2 (IFNA2), on Gene Expression in Bovine Endometrium1. Biology of Reproduction, 2012, 86, 46.	2.7	86
53	Truncation of MIMT1 Gene in the PEG3 Domain Leads to Major Changes in Placental Gene Expression and Stillbirth in Cattle1. Biology of Reproduction, 2012, 87, 140.	2.7	11
54	Escherichia coli lipopolysaccharide administration transiently suppresses luteal structure and function in diestrous cows. Reproduction, 2012, 144, 467-476.	2.6	40

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55	Is DNA methylation an epigenetic contribution to transcriptional regulation of the bovine endometrium during the estrous cycle and early pregnancy?. Molecular and Cellular Endocrinology, 2012, 348, 67-77.	3.2	17
56	A differentially methylated single CpG-site is correlated with estrogen receptor alpha transcription. Journal of Steroid Biochemistry and Molecular Biology, 2012, 130, 96-104.	2.5	48
57	Maternal low-dose estradiol-17Î² exposure during pregnancy impairs postnatal progeny weight development and body composition. Toxicology and Applied Pharmacology, 2012, 263, 338-344.	2.8	16
58	A Single Glycine-Alanine Exchange Directs Ligand Specificity of the Elephant Progestin Receptor. PLoS ONE, 2012, 7, e50350.	2.5	10
59	Plasma progesterone concentrations in the mid-luteal phase are dependent on luteal size, but independent of luteal blood flow and gene expression in lactating dairy cows. Animal Reproduction Science, 2011, 125, 20-29.	1.5	46
60	Bovine endometrial metallopeptidases MMP14 and MMP2 and the metallopeptidase inhibitor TIMP2 participate in maternal preparation of pregnancy. Molecular and Cellular Endocrinology, 2011, 332, 48-57.	3.2	55
61	Low plasma progesterone concentrations are accompanied by reduced luteal blood flow and increased size of the dominant follicle in dairy cows. Theriogenology, 2011, 76, 12-22.	2.1	28
62	In vivo oocyte developmental competence is reduced in lean but not in obese superovulated dairy cows after intraovarian administration of IGF1. Reproduction, 2011, 142, 487.	2.6	0
63	In vivo oocyte developmental competence is reduced in lean but not in obese superovulated dairy cows after intraovarian administration of IGF1. Reproduction, 2011, 142, 41-52.	2.6	23
64	Reduced Amino Acids in the Bovine Uterine Lumen of Cloned versusIn VitroFertilized Pregnancies Prior to Implantation. Cellular Reprogramming, 2011, 13, 403-410.	0.9	22
65	Increase of essential amino acids in the bovine uterine lumen during preimplantation development. Reproduction, 2011, 141, 685-695.	2.6	81
66	Immunological mechanisms to establish embryo tolerance in early bovine pregnancy. Reproduction, Fertility and Development, 2011, 23, 619.	0.4	45
67	Validation of extraction methods for total RNA and miRNA from bovine blood prior to quantitative gene expression analyses. Biotechnology Letters, 2010, 32, 35-44.	2.2	39
68	Normalization strategies for microRNA profiling experiments: a â€˜normalâ€™ way to a hidden layer of complexity?. Biotechnology Letters, 2010, 32, 1777-1788.	2.2	190
69	Enhanced proapoptotic gene expression of XAF1, CASP8 and TNFSF10 in the bovine endometrium during early pregnancy is not correlated with augmented apoptosis. Placenta, 2010, 31, 168-177.	1.5	33
70	Microarray Analysis of Equine Endometrium at Days 8 and 12 of Pregnancy1. Biology of Reproduction, 2010, 83, 874-886.	2.7	81
71	Effects of a shortened preovulatory follicular phase on genital blood flow and endometrial hormone receptor concentrations in Holstein-Friesian cows. Theriogenology, 2010, 73, 242-249.	2.1	19
72	In vitro systems for intercepting early embryo-maternal cross-talk in the bovine oviduct. Theriogenology, 2010, 73, 802-816.	2.1	54

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73	RNAseq Analysis of the Bovine Endometrium Transcriptome During the Pre-Implantation Phase.. Biology of Reproduction, 2010, 83, 473-473.	2.7	7
74	Genital Blood Flow and Endometrial Gene Expression During the Preovulatory Period after Prostaglandin F2.ALPHA.-Induced Luteolysis in Different Luteal Phases in Cows. Journal of Reproduction and Development, 2009, 55, 309-315.	1.4	14
75	Evidence for Estrogen-Dependent Uterine Serpin (SERPINA14) Expression During Estrus in the Bovine Endometrial Glandular Epithelium and Lumen1. Biology of Reproduction, 2009, 81, 795-805.	2.7	46
76	The endometrium responds differently to cloned versus fertilized embryos. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5681-5686.	7.1	177
77	Quantitative characterization of prostaglandins in the uterus of early pregnant cattle. Reproduction, 2009, 138, 371-382.	2.6	84
78	Transcriptome Studies of Bovine Endometrium Reveal Molecular Profiles Characteristic for Specific Stages of Estrous Cycle and Early Pregnancy. Experimental and Clinical Endocrinology and Diabetes, 2008, 116, 371-384.	1.2	96
79	Dynamic changes in messenger RNA profiles of bovine endometrium during the oestrous cycle. Reproduction, 2008, 135, 225-240.	2.6	105
80	Embryo-induced transcriptome changes in bovine endometrium reveal species-specific and common molecular markers of uterine receptivity. Reproduction, 2006, 132, 319-331.	2.6	185
81	Monozygotic Twin Model Reveals Novel Embryo-Induced Transcriptome Changes of Bovine Endometrium in the Preattachment Period1. Biology of Reproduction, 2006, 74, 253-264.	2.7	146
82	Region-specific expression of nitric oxide synthases in the bovine oviduct during the oestrous cycle and in vitro. Journal of Endocrinology, 2006, 188, 205-213.	2.6	23
83	A bovine oviduct epithelial cell suspension culture system suitable for studying embryoâ€“maternal interactions: morphological and functional characterization. Reproduction, 2006, 132, 637-648.	2.6	82
84	Gene expression profiling of bovine endometrium during the oestrous cycle: detection of molecular pathways involved in functional changes. Journal of Molecular Endocrinology, 2005, 34, 889-908.	2.5	125
85	Hyaluronan in the bovine oviductâ€”modulation of synthases and receptors during the estrous cycle. Molecular and Cellular Endocrinology, 2004, 214, 9-18.	3.2	32
86	Characterisation of steroid receptor expression in the human prostate carcinoma cell line 22RV1 and quantification of androgen effects on mRNA regulation of prostate-specific genes. Journal of Steroid Biochemistry and Molecular Biology, 2004, 92, 187-197.	2.5	13
87	Monitoring gene expression changes in bovine oviduct epithelial cells during the oestrous cycle. Journal of Molecular Endocrinology, 2004, 32, 449-466.	2.5	108
88	Expression and localization of estrogen receptor Î±, estrogen receptor Î² and progesterone receptor in the bovine oviduct in vivo and in vitro. Journal of Steroid Biochemistry and Molecular Biology, 2003, 84, 279-289.	2.5	94