Hakhyun Ka

List of Publications by Year
in descending order

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61 papers	1,916 citations	279798 23 h-index	265206 42 g-index
61 all docs	61 docs citations	61 times ranked	1516 citing authors

#	Article	IF	Citations
1	Muc-1, Integrin, and Osteopontin Expression During the Implantation Cascade in Sheep1. Biology of Reproduction, 2001, 65, 820-828.	2.7	184
2	Integrins and Extracellular Matrix Proteins at the Maternal-Fetal Interface in Domestic Animals. Cells Tissues Organs, 2002, 172, 202-217.	2.3	148
3	Keratinocyte Growth Factor Is Up-Regulated by Estrogen in the Porcine Uterine Endometrium and Functions in Trophectoderm Cell Proliferation and Differentiation*. Endocrinology, 2001, 142, 2303-2310.	2.8	139
4	Analysis of Osteopontin at the Maternal-Placental Interface in Pigs1. Biology of Reproduction, 2002, 66, 718-725.	2.7	123
5	Keratinocyte Growth Factor: Expression by Endometrial Epithelia of the Porcine Uterus. Biology of Reproduction, 2000, 62, 1772-1778.	2.7	92
6	Analysis of Lysophosphatidic Acid (LPA) Receptor and LPA-Induced Endometrial Prostaglandin-Endoperoxide Synthase 2 Expression in the Porcine Uterus. Endocrinology, 2008, 149, 6166-6175.	2.8	86
7	Temporal and Spatial Patterns of Expression of Inhibitors of Apoptosis in Human Placentas. American Journal of Pathology, 2003, 163, 413-422.	3.8	65
8	Regulation of Expression of Fibroblast Growth Factor 7 in the Pig Uterus by Progesterone and Estradiol1. Biology of Reproduction, 2007, 77, 172-180.	2.7	60
9	Endometrial response to conceptus-derived estrogen and interleukin-1Î² at the time of implantation in pigs. Journal of Animal Science and Biotechnology, 2018, 9, 44.	5.3	56
10	Select Nutrients in the Uterine Lumen of Sheep and Pigs Affect Conceptus Development. Journal of Reproduction and Development, 2012, 58, 180-188.	1.4	52
11	Regulatory Mechanism for Expression of IL1B Receptors in the Uterine Endometrium and Effects of IL1B on Prostaglandin Synthetic Enzymes During the Implantation Period in Pigs1. Biology of Reproduction, 2012, 87, 31.	2.7	48
12	Dynamic Expression of Calcium-Regulatory Molecules, TRPV6 and S100G, in the Uterine Endometrium During Pregnancy in Pigs1. Biology of Reproduction, 2009, 81, 1122-1130.	2.7	47
13	Analysis of Imprinted Gene Expression in Normal Fertilized and Uniparental Preimplantation Porcine Embryos. PLoS ONE, 2011, 6, e22216.	2.5	47
14	Analysis of cysteine-X-cysteine motif chemokine ligands 9, 10, and 11, their receptor CXCR3, and their possible role on the recruitment of immune cells at the maternalâ€“conceptus interface in pigsâ€. Biology of Reproduction, 2017, 97, 69-80.	2.7	39
15	Select nutrients, progesterone, and interferon tau affect conceptus metabolism and development. Annals of the New York Academy of Sciences, 2012, 1271, 88-96.	3.8	36
16	Salivary Lipocalin Is Uniquely Expressed in the Uterine Endometrial Glands at the Time of Conceptus Implantation and Induced by Interleukin 1Beta in Pigs. Biology of Reproduction, 2011, 84, 279-287.	2.7	35
17	Differential expression of secreted phosphoprotein 1 in response to estradiol-17Î² and in ovarian tumors in chickens. Biochemical and Biophysical Research Communications, 2012, 422, 494-500.	2.1	35
18	Swine Leukocyte Antigen-DQ Expression and Its Regulation by Interferon-Gamma at the Maternal-Fetal Interface in Pigs1. Biology of Reproduction, 2012, 86, 43.	2.7	34

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19	Comprehensive Analysis of Prostaglandin Metabolic Enzyme Expression During Pregnancy and the Characterization of AKR1B1 as a Prostaglandin F Synthase at the Maternal-Conceptus Interface in Pigs1. Biology of Reproduction, 2014, 90, 99.	2.7	32
20	Integrated transcriptomes throughout swine oestrous cycle reveal dynamic changes in reproductive tissues interacting networks. Scientific Reports, 2018, 8, 5436.	3.3	32
21	Prostaglandin Transporters ABCC4 and SLCO2A1 in the Uterine Endometrium and Conceptus During Pregnancy in Pigs. Biology of Reproduction, 2014, 90, 100-100.	2.7	30
22	Cysteine-X-cysteine motif chemokine ligand 12 and its receptor CXCR4: expression, regulation, and possible function at the maternalâ€“conceptus interface during early pregnancy in pigsâ€. Biology of Reproduction, 2018, 99, 1137-1148.	2.7	26
23	Identification of differentially expressed genes in the uterine endometrium on day 12 of the estrous cycle and pregnancy in pigs. Molecular Reproduction and Development, 2009, 76, 75-84.	2.0	25
24	Reactivation of Endogenous Genes and Epigenetic Remodeling Are Barriers for Generating Transgene-Free Induced Pluripotent Stem Cells in Pig. PLoS ONE, 2016, 11, e0158046.	2.5	24
25	Keratinocyte Growth Factor Is Up-Regulated by Estrogen in the Porcine Uterine Endometrium and Functions in Trophectoderm Cell Proliferation and Differentiation. Endocrinology, 2001, 142, 2303-2310.	2.8	24
26	Gene expression profiling of the uterus with embryos cloned by somatic cell nuclear transfer on day 30 of pregnancy. Animal Reproduction Science, 2008, 108, 79-91.	1.5	23
27	Vitamin D-metabolic enzymes and related molecules: Expression at the maternal-conceptus interface and the role of vitamin D in endometrial gene expression in pigs. PLoS ONE, 2017, 12, e0187221.	2.5	23
28	Analysis of legumain and cystatin 6 expression at the maternal-fetal interface in pigs. Molecular Reproduction and Development, 2013, 80, 570-580.	2.0	22
29	Analysis of Stage-Specific Gene Expression Profiles in the Uterine Endometrium during Pregnancy in Pigs. PLoS ONE, 2015, 10, e0143436.	2.5	20
30	Changes in calcium levels in the endometrium throughout pregnancy and the role of calcium on endometrial gene expression at the time of conceptus implantation in pigs. Molecular Reproduction and Development, 2019, 86, 883-895.	2.0	20
31	Expression and regulation of prostaglandin transporters, ATP-binding cassette, subfamily C, member 1 and 9, and solute carrier organic anion transporter family, member 2A1 and 5A1 in the uterine endometrium during the estrous cycle and pregnancy in pigs. Asian-Australasian Journal of Animal Sciences, 2017, 30, 643-652.	2.4	20
32	Microarray Analysis of Gene Expression in the Uterine Endometrium during the Implantation Period in Pigs. Asian-Australasian Journal of Animal Sciences, 2012, 25, 1102-1116.	2.4	20
33	Transcriptomic analysis of interferon-Î³-regulated genes in endometrial explants and their possible role in regulating maternal endometrial immunity during the implantation period in pigs, a true epitheliochorial placentation species. Theriogenology, 2020, 155, 114-124.	2.1	18
34	Aberrant expression of retinol-binding protein, osteopontin and fibroblast growth factor 7 in the porcine uterine endometrium of pregnant recipients carrying embryos produced by somatic cell nuclear transfer. Animal Reproduction Science, 2009, 112, 172-181.	1.5	17
35	Analysis of stage-specific expression of the toll-like receptor family in the porcine endometrium throughout the estrous cycle and pregnancy. Theriogenology, 2019, 125, 173-183.	2.1	17
36	Calcium extrusion regulatory molecules: differential expression during pregnancy in the porcine uterus. Domestic Animal Endocrinology, 2014, 47, 1-10.	1.6	16

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37	Lysophosphatidic Acid (LPA) Receptor 3-Mediated LPA Signal Transduction Pathways: A Possible Relationship with Early Development of Peri-Implantation Porcine Conceptus1. Biology of Reproduction, 2016, 94, 104.	2.7	14
38	Antimicrobial peptides cathelicidin, PMAP23, and PMAP37: Expression in the endometrium throughout the estrous cycle and at the maternal-conceptus interface during pregnancy and regulation by steroid hormones and calcitriol in pigs. Theriogenology, 2021, 160, 1-9.	2.1	14
39	Regulation of S100G Expression in the Uterine Endometrium during Early Pregnancy in Pigs. Asian-Australasian Journal of Animal Sciences, 2012, 25, 44-51.	2.4	14
40	Expression and regulation of inhibitor of DNA binding proteins ID1, ID2, ID3, and ID4 at the maternal-conceptus interface in pigs. Theriogenology, 2018, 108, 46-55.	2.1	13
41	Chemokine (C-C Motif) Ligand 28 and Its Receptor CCR10: Expression and Function at the Maternal-Conceptus Interface in Pigs. Biology of Reproduction, 2016, 95, 84-84.	2.7	12
42	Expression and regulation of interleukin 6 and its receptor at the maternal-conceptus interface during pregnancy in pigs. Theriogenology, 2017, 96, 85-91.	2.1	10
43	Characterization of interferon Î± and Î² receptor IFNAR1 and IFNAR2 expression and regulation in the uterine endometrium during the estrous cycle and pregnancy in pigs. Theriogenology, 2017, 88, 166-173.	2.1	9
44	Analysis of interferonâ€Î³ receptor IFNGR1 and IFNGR2 expression and regulation at the maternalâ€conceptus interface and the role of interferonâ€Î³ on endometrial expression of interferon signaling molecules during early pregnancy in pigs. Molecular Reproduction and Development, 2019, 86, 1993-2004.	2.0	9
45	Leukemia inhibitory factor and its receptor: expression and regulation in the porcine endometrium throughout the estrous cycle and pregnancy. Asian-Australasian Journal of Animal Sciences, 2019, 32, 192-200.	2.4	9
46	Uterine epithelial expression of the tumor necrosis factor superfamily: a strategy for immune privilege during pregnancy in a true epitheliochorial placentation species. Biology of Reproduction, 2020, 102, 828-842.	2.7	9
47	Identification of the Porcine XIST Gene and Its Differential CpG Methylation Status in Male and Female Pig Cells. PLoS ONE, 2013, 8, e73677.	2.5	9
48	Efficient Derivation and Long Term Maintenance of Pluripotent Porcine Embryonic Stem-like Cells. Asian-Australasian Journal of Animal Sciences, 2009, 22, 26-34.	2.4	9
49	Functional characteristics of porcine peripheral T cells stimulated with IL-2 or IL-2 and PMA. Research in Veterinary Science, 2014, 96, 54-61.	1.9	8
50	Atypical chemokine receptors 1, 2, 3 and 4: Expression and regulation in the endometrium during the estrous cycle and pregnancy and with somatic cell nucleus transferâ€“cloned embryos in pigs. Theriogenology, 2019, 129, 121-129.	2.1	6
51	Unique epithelial expression of S100A calcium binding protein A7A in the endometrium at conceptus implantation in pigs. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1355-1362.	2.4	5
52	Expression of Caspases in the Pig Endometrium Throughout the Estrous Cycle and at the Maternal-Conceptus Interface During Pregnancy and Regulation by Steroid Hormones and Cytokines. Frontiers in Veterinary Science, 2021, 8, 641916.	2.2	4
53	Effects of Keratinocyte Growth Factor on the Uterine Endometrial Epithelial Cells in Pigs. Asian-Australasian Journal of Animal Sciences, 2005, 18, 1708-1714.	2.4	4
54	Analysis of <italic>ENPP2</italic> in the Uterine Endometrium of Pigs Carrying Somatic Cell Nuclear Transfer Cloned Embryos. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1255-1261.	2.4	4

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55	Structure-based functional analysis of a PadR transcription factor from Streptococcus pneumoniae and characteristic features in the PadR subfamily-2. Biochemical and Biophysical Research Communications, 2020, 532, 251-257.	2.1	3
56	Inhibitors of apoptosis: expression and regulation in the endometrium during the estrous cycle and at the maternal-conceptus interface during pregnancy in pigs. Animal Bioscience, 2021, , .	2.0	3
57	Crystal structure of the Pseudomonas aeruginosa PA0423 protein and its functional implication in antibiotic sequestration. Biochemical and Biophysical Research Communications, 2020, 528, 85-91.	2.1	3
58	Activated Leukocyte Cell Adhesion Molecule: Expression in the Uterine Endometrium during the Estrous Cycle and Pregnancy in Pigs. Asian-Australasian Journal of Animal Sciences, 2011, 24, 919-928.	2.4	3
59	Calcium-binding proteins S100A8, S100A9, and S100A12: expression and regulation at the maternal-conceptus interface in pigs. Biology of Reproduction, 2022, , .	2.7	3
60	Interleukin-10 and its receptors at the maternalâ€“conceptus interface: expression, regulation, and implication for T helper 2 cytokine predominance and maternal immune tolerance in the pig, a true epitheliochorial placentation species. Biology of Reproduction, 2022, 106, 1159-1174.	2.7	3
61	Serial gene co-expression network approach to mine biological meanings from integrated transcriptomes of the porcine endometrium during estrous cycle. Functional and Integrative Genomics, 2020, 20, 117-131.	3.5	1