

Hakhyun Ka

List of Publications by Year in descending order

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Version: 2024-02-01

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	Calcium-binding proteins S100A8, S100A9, and S100A12: expression and regulation at the maternal-conceptus interface in pigs. <i>Biology of Reproduction</i> , 2022, , .	2.7	3
2	Interleukin-10 and its receptors at the maternal-conceptus interface: expression, regulation, and implication for T helper 2 cytokine predominance and maternal immune tolerance in the pig, a true epitheliochorial placentation species. <i>Biology of Reproduction</i> , 2022, 106, 1159-1174.	2.7	3
3	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. <i>Theriogenology</i> , 2021, 160, 1-9.	2.1	14
4	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. <i>Frontiers in Veterinary Science</i> , 2021, 8, 641916.	2.2	4
5	Inhibitors of apoptosis: expression and regulation in the endometrium during the estrous cycle and at the maternal-conceptus interface during pregnancy in pigs. <i>Animal Bioscience</i> , 2021, , .	2.0	3
6	Serial gene co-expression network approach to mine biological meanings from integrated transcriptomes of the porcine endometrium during estrous cycle. <i>Functional and Integrative Genomics</i> , 2020, 20, 117-131.	3.5	1
7	Uterine epithelial expression of the tumor necrosis factor superfamily: a strategy for immune privilege during pregnancy in a true epitheliochorial placentation species. <i>Biology of Reproduction</i> , 2020, 102, 828-842.	2.7	9
8	Structure-based functional analysis of a PadR transcription factor from <i>Streptococcus pneumoniae</i> and characteristic features in the PadR subfamily-2. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 251-257.	2.1	3
9	Transcriptomic analysis of interferon- β -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. <i>Theriogenology</i> , 2020, 155, 114-124.	2.1	18
10	Crystal structure of the <i>Pseudomonas aeruginosa</i> PA0423 protein and its functional implication in antibiotic sequestration. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 85-91.	2.1	3
11	Analysis of interferon- β receptor <i>IFNGR1</i> and <i>IFNGR2</i> expression and regulation at the maternal-conceptus interface and the role of interferon- β on endometrial expression of interferon signaling molecules during early pregnancy in pigs. <i>Molecular Reproduction and Development</i> , 2019, 86, 1993-2004.	2.0	9
12	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. <i>Molecular Reproduction and Development</i> , 2019, 86, 883-895.	2.0	20
13	Leukemia inhibitory factor and its receptor: expression and regulation in the porcine endometrium throughout the estrous cycle and pregnancy. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 192-200.	2.4	9
14	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 transfer-cloned embryos in pigs. <i>Theriogenology</i> , 2019, 129, 121-129.	2.1	6
15	Analysis of stage-specific expression of the toll-like receptor family in the porcine endometrium throughout the estrous cycle and pregnancy. <i>Theriogenology</i> , 2019, 125, 173-183.	2.1	17
16	Unique epithelial expression of S100A calcium binding protein A7A in the endometrium at conceptus implantation in pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1355-1362.	2.4	5
17	Integrated transcriptomes throughout swine oestrous cycle reveal dynamic changes in reproductive tissues interacting networks. <i>Scientific Reports</i> , 2018, 8, 5436.	3.3	32
18	Expression and regulation of inhibitor of DNA binding proteins ID1, ID2, ID3, and ID4 at the maternal-conceptus interface in pigs. <i>Theriogenology</i> , 2018, 108, 46-55.	2.1	13

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19	Cysteine-X-cysteine motif chemokine ligand 12 and its receptor CXCR4: expression, regulation, and possible function at the maternal-conceptus interface during early pregnancy in pigs. <i>Biology of Reproduction</i> , 2018, 99, 1137-1148.	2.7	26
20	Endometrial response to conceptus-derived estrogen and interleukin-1 β at the time of implantation in pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 44.	5.3	56
21	Expression and regulation of interleukin 6 and its receptor at the maternal-conceptus interface during pregnancy in pigs. <i>Theriogenology</i> , 2017, 96, 85-91.	2.1	10
22	Characterization of interferon α and β receptor IFNAR1 and IFNAR2 expression and regulation in the uterine endometrium during the estrous cycle and pregnancy in pigs. <i>Theriogenology</i> , 2017, 88, 166-173.	2.1	9
23	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 maternal-conceptus interface in pigs. <i>Biology of Reproduction</i> , 2017, 97, 69-80.	2.7	39
24	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. <i>PLoS ONE</i> , 2017, 12, e0187221.	2.5	23
25	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. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 643-652.	2.4	20
26	Reactivation of Endogenous Genes and Epigenetic Remodeling Are Barriers for Generating Transgene-Free Induced Pluripotent Stem Cells in Pig. <i>PLoS ONE</i> , 2016, 11, e0158046.	2.5	24
27	Lysophosphatidic Acid (LPA) Receptor 3-Mediated LPA Signal Transduction Pathways: A Possible Relationship with Early Development of Peri-Implantation Porcine Conceptus1. <i>Biology of Reproduction</i> , 2016, 94, 104.	2.7	14
28	Chemokine (C-C Motif) Ligand 28 and Its Receptor CCR10: Expression and Function at the Maternal-Conceptus Interface in Pigs. <i>Biology of Reproduction</i> , 2016, 95, 84-84.	2.7	12
29	Analysis of Stage-Specific Gene Expression Profiles in the Uterine Endometrium during Pregnancy in Pigs. <i>PLoS ONE</i> , 2015, 10, e0143436.	2.5	20
30	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. <i>Biology of Reproduction</i> , 2014, 90, 99.	2.7	32
31	Prostaglandin Transporters ABCC4 and SLCO2A1 in the Uterine Endometrium and Conceptus During Pregnancy in Pigs. <i>Biology of Reproduction</i> , 2014, 90, 100-100.	2.7	30
32	Functional characteristics of porcine peripheral T cells stimulated with IL-2 or IL-2 and PMA. <i>Research in Veterinary Science</i> , 2014, 96, 54-61.	1.9	8
33	Calcium extrusion regulatory molecules: differential expression during pregnancy in the porcine uterus. <i>Domestic Animal Endocrinology</i> , 2014, 47, 1-10.	1.6	16
34	Analysis of legumain and cystatin 6 expression at the maternal-fetal interface in pigs. <i>Molecular Reproduction and Development</i> , 2013, 80, 570-580.	2.0	22
35	Identification of the Porcine XIST Gene and Its Differential CpG Methylation Status in Male and Female Pig Cells. <i>PLoS ONE</i> , 2013, 8, e73677.	2.5	9
36	Analysis of <i>ENPP2</i> in the Uterine Endometrium of Pigs Carrying Somatic Cell Nuclear Transfer Cloned Embryos. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1255-1261.	2.4	4

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37	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. <i>Biology of Reproduction</i> , 2012, 87, 31.	2.7	48
38	Swine Leukocyte Antigen-DQ Expression and Its Regulation by Interferon-Gamma at the Maternal-Fetal Interface in Pigs1. <i>Biology of Reproduction</i> , 2012, 86, 43.	2.7	34
39	Differential expression of secreted phosphoprotein 1 in response to estradiol-17 β and in ovarian tumors in chickens. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 494-500.	2.1	35
40	Select nutrients, progesterone, and interferon tau affect conceptus metabolism and development. <i>Annals of the New York Academy of Sciences</i> , 2012, 1271, 88-96.	3.8	36
41	Select Nutrients in the Uterine Lumen of Sheep and Pigs Affect Conceptus Development. <i>Journal of Reproduction and Development</i> , 2012, 58, 180-188.	1.4	52
42	Regulation of S100G Expression in the Uterine Endometrium during Early Pregnancy in Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 44-51.	2.4	14
43	Microarray Analysis of Gene Expression in the Uterine Endometrium during the Implantation Period in Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 1102-1116.	2.4	20
44	Salivary Lipocalin Is Uniquely Expressed in the Uterine Endometrial Glands at the Time of Conceptus Implantation and Induced by Interleukin 1Beta in Pigs. <i>Biology of Reproduction</i> , 2011, 84, 279-287.	2.7	35
45	Analysis of Imprinted Gene Expression in Normal Fertilized and Uniparental Preimplantation Porcine Embryos. <i>PLoS ONE</i> , 2011, 6, e22216.	2.5	47
46	Activated Leukocyte Cell Adhesion Molecule: Expression in the Uterine Endometrium during the Estrous Cycle and Pregnancy in Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2011, 24, 919-928.	2.4	3
47	Dynamic Expression of Calcium-Regulatory Molecules, TRPV6 and S100G, in the Uterine Endometrium During Pregnancy in Pigs1. <i>Biology of Reproduction</i> , 2009, 81, 1122-1130.	2.7	47
48	Identification of differentially expressed genes in the uterine endometrium on day 12 of the estrous cycle and pregnancy in pigs. <i>Molecular Reproduction and Development</i> , 2009, 76, 75-84.	2.0	25
49	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. <i>Animal Reproduction Science</i> , 2009, 112, 172-181.	1.5	17
50	Efficient Derivation and Long Term Maintenance of Pluripotent Porcine Embryonic Stem-like Cells. <i>Asian-Australasian Journal of Animal Sciences</i> , 2009, 22, 26-34.	2.4	9
51	Gene expression profiling of the uterus with embryos cloned by somatic cell nuclear transfer on day 30 of pregnancy. <i>Animal Reproduction Science</i> , 2008, 108, 79-91.	1.5	23
52	Analysis of Lysophosphatidic Acid (LPA) Receptor and LPA-Induced Endometrial Prostaglandin-Endoperoxide Synthase 2 Expression in the Porcine Uterus. <i>Endocrinology</i> , 2008, 149, 6166-6175.	2.8	86
53	Regulation of Expression of Fibroblast Growth Factor 7 in the Pig Uterus by Progesterone and Estradiol1. <i>Biology of Reproduction</i> , 2007, 77, 172-180.	2.7	60
54	Effects of Keratinocyte Growth Factor on the Uterine Endometrial Epithelial Cells in Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2005, 18, 1708-1714.	2.4	4

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55	Temporal and Spatial Patterns of Expression of Inhibitors of Apoptosis in Human Placentas. American Journal of Pathology, 2003, 163, 413-422.	3.8	65
56	Integrins and Extracellular Matrix Proteins at the Maternal-Fetal Interface in Domestic Animals. Cells Tissues Organs, 2002, 172, 202-217.	2.3	148
57	Analysis of Osteopontin at the Maternal-Placental Interface in Pigs ¹ . Biology of Reproduction, 2002, 66, 718-725.	2.7	123
58	Muc-1, Integrin, and Osteopontin Expression During the Implantation Cascade in Sheep ¹ . Biology of Reproduction, 2001, 65, 820-828.	2.7	184
59	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
60	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
61	Keratinocyte Growth Factor: Expression by Endometrial Epithelia of the Porcine Uterus. Biology of Reproduction, 2000, 62, 1772-1778.	2.7	92