

Robert Burghardt

List of Publications by Year in descending order

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276
papers

16,388
citations

10986

71
h-index

20961

115
g-index

280
all docs

280
docs citations

280
times ranked

13557
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary supplementation with l-arginine between days 14 and 25 of gestation enhances NO and polyamine syntheses and the expression of angiogenic proteins in porcine placentae. <i>Amino Acids</i> , 2022, 54, 193-204.	2.7	10
2	Nutritional and Physiological Regulation of Water Transport in the Conceptus. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1354, 109-125.	1.6	5
3	Elongating porcine conceptuses can utilize glutaminolysis as an anaplerotic pathway to maintain the TCA cycle. <i>Biology of Reproduction</i> , 2022, 107, 823-833.	2.7	3
4	Temporal and spatial expression of aquaporins 1, 5, 8, and 9: Potential transport of water across the endometrium and chorioallantois of pigs. <i>Placenta</i> , 2022, , .	1.5	2
5	Loss of ITGB3 in ovine conceptuses decreases conceptus expression of NOS3 and SPP1: implications for the developing placental vasculature. <i>Biology of Reproduction</i> , 2021, 104, 657-668.	2.7	17
6	SPP1 expression in the mouse uterus and placenta: implications for implantation. <i>Biology of Reproduction</i> , 2021, 105, 892-904.	2.7	11
7	Integrin Adhesion Complex Organization in Sheep Myometrium Reflects Changing Mechanical Forces during Pregnancy and Postpartum. <i>Biology</i> , 2021, 10, 508.	2.8	2
8	Dietary L-arginine supplementation during days 14–25 of gestation enhances aquaporin expression in the placentae and endometria of gestating gilts. <i>Amino Acids</i> , 2021, 53, 1287-1295.	2.7	8
9	FTY720, a sphingosine analog, altered placental histoarchitecture in ewes. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 2.	5.3	4
10	Mechanotransduction drives morphogenesis to develop folding during placental development in pigs. <i>Placenta</i> , 2020, 90, 62-70.	1.5	27
11	Pig conceptuses secrete interferon gamma to recruit T cells to the endometrium during the peri-implantation period. <i>Biology of Reproduction</i> , 2020, 103, 1018-1029.	2.7	18
12	Steroids Regulate SLC2A1 and SLC2A3 to Deliver Glucose Into Trophoblast for Metabolism via Glycolysis. <i>Endocrinology</i> , 2020, 161, .	2.8	17
13	OPN binds alpha V integrin to promote endothelial progenitor cell incorporation into vasculature. <i>Reproduction</i> , 2020, 159, 465-478.	2.6	10
14	Integrins and OPN localize to adhesion complexes during placentation in sheep. <i>Reproduction</i> , 2020, 160, 521-532.	2.6	13
15	410 Steroids Regulate SLC2A1 and SLC2A3 to Deliver Glucose into Trophoblast for Metabolism via Glycolysis. <i>Journal of Animal Science</i> , 2020, 98, 188-189.	0.5	0
16	Immunohistochemical Examination of Trophoblast Syncytialization during Early Placentation in Sheep. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4530.	4.1	38
17	Adverse organogenesis and predisposed long-term metabolic syndrome from prenatal exposure to fine particulate matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11590-11595.	7.1	56
18	Mechanisms for the establishment and maintenance of pregnancy: synergies from scientific collaborations. <i>Biology of Reproduction</i> , 2018, 99, 225-241.	2.7	61

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19	Ruthenium(II)-Polypyridyl Compounds with π -Extended Nitrogen Donor Ligands Induce Apoptosis in Human Lung Adenocarcinoma (A549) Cells by Triggering Caspase-3/7 Pathway. <i>Inorganic Chemistry</i> , 2018, 57, 12777-12786.	4.0	20
20	Cellular events during ovine implantation and impact for gestation. <i>Animal Reproduction</i> , 2018, 15, 843-855.	1.0	32
21	ITGAV (alpha v integrins) bind SPP1 (osteonectin) to support trophoblast cell adhesion. <i>Reproduction</i> , 2017, 153, 695-706.	2.6	41
22	Identification of appropriate reference genes for qPCR analyses of placental expression of SLC7A3 and induction of SLC5A1 in porcine endometrium. <i>Placenta</i> , 2017, 52, 1-9.	1.5	13
23	Editorâ€™s Highlight: Exposure to CrVI during Early Pregnancy Increases Oxidative Stress and Disrupts the Expression of Antioxidant Proteins in Placental Compartments. <i>Toxicological Sciences</i> , 2017, 155, 497-511.	3.1	9
24	Nck deficiency is associated with delayed breast carcinoma progression and reduced metastasis. <i>Molecular Biology of the Cell</i> , 2017, 28, 3500-3516.	2.1	24
25	Chromium VI α^2 Induced developmental toxicity of placenta is mediated through spatiotemporal dysregulation of cell survival and apoptotic proteins. <i>Reproductive Toxicology</i> , 2017, 68, 171-190.	2.9	40
26	Expression of progesterone receptor in the porcine uterus and placenta throughout gestation: correlation with expression of uteroferrin and osteopontin. <i>Domestic Animal Endocrinology</i> , 2017, 58, 19-29.	1.6	26
27	Editorâ€™s Highlight: Exposure to CrVI during Early Pregnancy Increases Oxidative Stress and Disrupts the Expression of Antioxidant Proteins in Placental Compartments. <i>Toxicological Sciences</i> , 2017, 155, 497-511.	3.1	8
28	Resveratrol protects the ovary against chromium-toxicity by enhancing endogenous antioxidant enzymes and inhibiting metabolic clearance of estradiol. <i>Toxicology and Applied Pharmacology</i> , 2016, 303, 65-78.	2.8	67
29	Uterine Histotroph and Conceptus Development. II. Arginine and Secreted Phosphoprotein 1 Cooperatively Stimulate Migration and Adhesion of Ovine Trophectoderm Cells via Focal Adhesion-MTORC2 Mediated Cytoskeleton Reorganization. <i>Biology of Reproduction</i> , 2016, 95, 71-71.	2.7	21
30	Fructose Synthesis and Transport at the Uterine-Placental Interface of Pigs: Cell-Specific Localization of SLC2A5, SLC2A8, and Components of the Polyol Pathway. <i>Biology of Reproduction</i> , 2016, 95, 108-108.	2.7	38
31	Aquaporins in the female reproductive system of mammals. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 838-871.	3.0	48
32	Uterine Histotroph and Conceptus Development. I. Cooperative Effects of Arginine and Secreted Phosphoprotein 1 on Proliferation of Ovine Trophectoderm Cells via Activation of the PDK1-Akt/PKB-TSC2-MTORC1 Signaling Cascade1. <i>Biology of Reproduction</i> , 2015, 92, 51.	2.7	24
33	Constitutive Activation of Transforming Growth Factor Beta Receptor 1 in the Mouse Uterus Impairs Uterine Morphology and Function1. <i>Biology of Reproduction</i> , 2015, 92, 34.	2.7	34
34	Identifying a Novel Role for X-prolyl Aminopeptidase (Xpnpep) 2 in CrVI-Induced Adverse Effects on Germ Cell Nest Breakdown and Follicle Development in Rats1. <i>Biology of Reproduction</i> , 2015, 92, 67.	2.7	18
35	Molecular and preclinical basis to inhibit PGE ₂ receptors EP2 and EP4 as a novel nonsteroidal therapy for endometriosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9716-9721.	7.1	62
36	Functional Roles of Arginine During the Peri-Implantation Period of Pregnancy. III. Arginine Stimulates Proliferation and Interferon Tau Production by Ovine Trophectoderm Cells via Nitric Oxide and Polyamine-TSC2-MTOR Signaling Pathways1. <i>Biology of Reproduction</i> , 2015, 92, 75.	2.7	46

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37	Implantation and Establishment of Pregnancy in the Pig. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 137-163.	1.6	40
38	A fetal whole ovarian culture model for the evaluation of CrVI-induced developmental toxicity during germ cell nest breakdown. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 58-69.	2.8	18
39	Exosomes, endogenous retroviruses and toll-like receptors: pregnancy recognition in ewes. <i>Reproduction</i> , 2015, 149, 281-291.	2.6	92
40	Edaravone Mitigates Hexavalent Chromium-Induced Oxidative Stress and Depletion of Antioxidant Enzymes while Estrogen Restores Antioxidant Enzymes in the Rat Ovary in F1 Offspring ¹ . <i>Biology of Reproduction</i> , 2014, 91, 12.	2.7	24
41	Mechanism of Action of Phenethylisothiocyanate and Other Reactive Oxygen Species-Inducing Anticancer Agents. <i>Molecular and Cellular Biology</i> , 2014, 34, 2382-2395.	2.3	100
42	Osteopontin: a leading candidate adhesion molecule for implantation in pigs and sheep. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 56.	5.3	99
43	Dietary supplementation with l-arginine between days 14 and 25 of gestation enhances embryonic development and survival in gilts. <i>Amino Acids</i> , 2014, 46, 375-384.	2.7	77
44	Confocal Fluorescence Microscopy Studies of a Fluorophore-Labeled Dirhodium Compound: Visualizing Metal-Metal Bonded Molecules in Lung Cancer (A549) Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 7861-7864.	13.7	32
45	Functional Role of Arginine During the Peri-implantation Period of Pregnancy. II. Consequences of Loss of Function of Nitric Oxide Synthase NOS3 mRNA in Ovine Conceptus Trophectoderm ¹ . <i>Biology of Reproduction</i> , 2014, 91, 59.	2.7	33
46	Functional role of arginine during the peri-implantation period of pregnancy. I. Consequences of loss of function of arginine transporter <i>SLC7A1</i> mRNA in ovine conceptus trophoctoderm. <i>FASEB Journal</i> , 2014, 28, 2852-2863.	0.5	63
47	Arginine Decarboxylase and Agmatinase: An Alternative Pathway for De Novo Biosynthesis of Polyamines for Development of Mammalian Conceptuses ¹ . <i>Biology of Reproduction</i> , 2014, 90, 84.	2.7	89
48	Prenatal exposure to chromium induces early reproductive senescence by increasing germ cell apoptosis and advancing germ cell cyst breakdown in the F1 offspring. <i>Developmental Biology</i> , 2014, 388, 22-34.	2.0	43
49	Effects of Fatty Acids on Benzo[a]pyrene Uptake and Metabolism in Human Lung Adenocarcinoma A549 Cells. <i>PLoS ONE</i> , 2014, 9, e90908.	2.5	16
50	HOTAIR is a negative prognostic factor and exhibits pro-oncogenic activity in pancreatic cancer. <i>Oncogene</i> , 2013, 32, 1616-1625.	5.9	713
51	Postnatal exposure to chromium through mother's milk accelerates follicular atresia in F1 offspring through increased oxidative stress and depletion of antioxidant enzymes. <i>Free Radical Biology and Medicine</i> , 2013, 61, 179-196.	2.9	37
52	Selective Inhibition of Prostaglandin E2 Receptors EP2 and EP4 Inhibits Adhesion of Human Endometriotic Epithelial and Stromal Cells Through Suppression of Integrin-Mediated Mechanisms ¹ . <i>Biology of Reproduction</i> , 2013, 88, 77.	2.7	37
53	Impacts of arginine nutrition on embryonic and fetal development in mammals. <i>Amino Acids</i> , 2013, 45, 241-256.	2.7	233
54	Overexpression of MMP-7 increases collagen 1A2 in the aging kidney. <i>Physiological Reports</i> , 2013, 1, .	1.7	27

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55	Structural Equation Modeling Highlights the Potential of Kim-1 as a Biomarker for Chronic Kidney Disease. <i>American Journal of Nephrology</i> , 2012, 35, 152-163.	3.1	28
56	Uterine biology in pigs and sheep. <i>Journal of Animal Science and Biotechnology</i> , 2012, 3, 23.	5.3	101
57	Mechanistic mammalian target of rapamycin (MTOR) cell signaling: Effects of select nutrients and secreted phosphoprotein 1 on development of mammalian conceptuses. <i>Molecular and Cellular Endocrinology</i> , 2012, 354, 22-33.	3.2	53
58	Cationic polyfluorenes for intracellular delivery of proteins. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6513.	2.8	3
59	Implantation. , 2011, , 654-657.		0
60	Select Nutrients in the Ovine Uterine Lumen. IX. Differential Effects of Arginine, Leucine, Glutamine, and Glucose on Interferon Tau, Ornithine Decarboxylase, and Nitric Oxide Synthase in the Ovine Conceptus1. <i>Biology of Reproduction</i> , 2011, 84, 1139-1147.	2.7	59
61	Energy transfer cassettes in silica nanoparticles target intracellular organelles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3871.	2.8	4
62	Uterine receptivity to implantation of blastocysts in mammals. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 745-767.	2.1	115
63	Hexavalent chromium-induced apoptosis of granulosa cells involves selective sub-cellular translocation of Bcl-2 members, ERK1/2 and p53. <i>Toxicology and Applied Pharmacology</i> , 2011, 251, 253-266.	2.8	76
64	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in a rat liver cell line. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 45-56.	2.8	13
65	Chromium-VI arrests cell cycle and decreases granulosa cell proliferation by down-regulating cyclin-dependent kinases (CDK) and cyclins and up-regulating CDK-inhibitors. <i>Reproductive Toxicology</i> , 2011, 32, 112-123.	2.9	23
66	Proline and hydroxyproline metabolism: implications for animal and human nutrition. <i>Amino Acids</i> , 2011, 40, 1053-1063.	2.7	512
67	Organelle-selective energy transfer: A fluorescent indicator of intracellular environment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1849-1851.	2.2	10
68	Select Nutrients in the Ovine Uterine Lumen. VII. Effects of Arginine, Leucine, Glutamine, and Glucose on Trophectoderm Cell Signaling, Proliferation, and Migration1. <i>Biology of Reproduction</i> , 2011, 84, 62-69.	2.7	91
69	Select Nutrients in the Ovine Uterine Lumen. VIII. Arginine Stimulates Proliferation of Ovine Trophectoderm Cells Through MTOR-RPS6K-RPS6 Signaling Cascade and Synthesis of Nitric Oxide and Polyamines1. <i>Biology of Reproduction</i> , 2011, 84, 70-78.	2.7	72
70	TRIENNIAL GROWTH SYMPOSIUM: Important roles for L-glutamine in swine nutrition and production1,2. <i>Journal of Animal Science</i> , 2011, 89, 2017-2030.	0.5	191
71	Image analysis of Ca ²⁺ signals as a basis for neurotoxicity assays: Promises and challenges. <i>Neurotoxicology and Teratology</i> , 2010, 32, 16-24.	2.4	18
72	1,1-Bis(3'-indolyl)-1-(p-substituted phenyl)methanes induce autophagic cell death in estrogen receptor negative breast cancer. <i>BMC Cancer</i> , 2010, 10, 669.	2.6	16

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73	Arsenic trioxide downregulates specificity protein (Sp) transcription factors and inhibits bladder cancer cell and tumor growth. <i>Experimental Cell Research</i> , 2010, 316, 2174-2188.	2.6	77
74	Transforming growth factor beta (TGFB) signaling is activated during porcine implantation: proposed role for latency-associated peptide interactions with integrins at the conceptusâ€“maternal interface. <i>Reproduction</i> , 2010, 139, 465-478.	2.6	50
75	Mdm2 Regulates Estrogen Receptor \hat{A} and Estrogen-responsiveness in Breast Cancer Cells. <i>Journal of Molecular Endocrinology</i> , 2010, 46, 67-79.	2.5	20
76	Drugs that Target Specificity Proteins Downregulate Epidermal Growth Factor Receptor in Bladder Cancer Cells. <i>Molecular Cancer Research</i> , 2010, 8, 739-750.	3.4	95
77	Viral Particles of Endogenous Betaretroviruses Are Released in the Sheep Uterus and Infect the Conceptus Trophectoderm in a Transspecies Embryo Transfer Model. <i>Journal of Virology</i> , 2010, 84, 9078-9085.	3.4	26
78	Dietary Supplementation with 0.8% L-Arginine between Days 0 and 25 of Gestation Reduces Litter Size in Gilts. <i>Journal of Nutrition</i> , 2010, 140, 1111-1116.	2.9	73
79	The Sphingosine 1-Phosphate (S1P) Signaling Pathway Is Regulated During Pregnancy in Sheep ¹ . <i>Biology of Reproduction</i> , 2010, 82, 876-887.	2.7	25
80	Effects of long-term progesterone exposure on porcine uterine gene expression: progesterone alone does not induce secreted phosphoprotein 1 (osteopontin) in glandular epithelium. <i>Reproduction</i> , 2010, 140, 595-604.	2.6	18
81	Morphologic and Cytokine Profile Characterization of <i>Salmonella enterica</i> Serovar Typhimurium Infection in Calves With Bovine Leukocyte Adhesion Deficiency. <i>Veterinary Pathology</i> , 2010, 47, 322-333.	1.7	22
82	Effects of long-term progesterone on developmental and functional aspects of porcine uterine epithelia and vasculature: progesterone alone does not support development of uterine glands comparable to that of pregnancy. <i>Reproduction</i> , 2010, 140, 583-594.	2.6	30
83	Cathepsin B, Cathepsin L, and Cystatin C in the Porcine Uterus and Placenta: Potential Roles in Endometrial/Placental Remodeling and in Fluid-Phase Transport of Proteins Secreted by Uterine Epithelia Across Placental Areolae ¹ . <i>Biology of Reproduction</i> , 2010, 82, 854-864.	2.7	62
84	Impacts of amino acid nutrition on pregnancy outcome in pigs: Mechanisms and implications for swine production ^{1,2} . <i>Journal of Animal Science</i> , 2010, 88, E195-E204.	0.5	165
85	Secreted phosphoprotein 1 binds integrins to initiate multiple cell signaling pathways, including FRAP1/mTOR, to support attachment and force-generated migration of trophoctoderm cells. <i>Matrix Biology</i> , 2010, 29, 369-382.	3.6	81
86	Embryo production and possible species preservation by nuclear transfer of somatic cells isolated from bovine semen. <i>Theriogenology</i> , 2010, 74, 1629-1635.	2.1	12
87	Intracellular imaging of organelles with new water-soluble benzophenoxazine dyes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2052.	2.8	28
88	Novel pathways for implantation and establishment and maintenance of pregnancy in mammals. <i>Molecular Human Reproduction</i> , 2010, 16, 135-152.	2.8	295
89	Use of multiple singular value decompositions to analyze complex intracellular calcium ion signals. <i>Annals of Applied Statistics</i> , 2009, 3, 1467-1492.	1.1	3
90	Stanniocalcin 1 Is a Luminal Epithelial Marker for Implantation in Pigs Regulated by Progesterone and Estradiol. <i>Endocrinology</i> , 2009, 150, 936-945.	2.8	49

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91	Modeling toxic endpoints for improving human health risk assessment of polycyclic aromatic hydrocarbons – parent compounds and simple mixtures. <i>Toxicological and Environmental Chemistry</i> , 2009, 91, 137-156.	1.2	2
92	Secreted Phosphoprotein 1 (SPP1, Osteopontin) Binds to Integrin Alpha6beta6 on Porcine Trophectoderm Cells and Integrin Alpha3beta3 on Uterine Luminal Epithelial Cells, and Promotes Trophectoderm Cell Adhesion and Migration. <i>Biology of Reproduction</i> , 2009, 81, 814-825.	2.7	130
93	The Influence of Estrogen on Hepatobiliary Osteopontin (SPP1) Expression in a Female Rodent Model of Alcoholic Steatohepatitis. <i>Toxicologic Pathology</i> , 2009, 37, 492-501.	1.8	17
94	Enhanced focal adhesion assembly reflects increased mechanosensation and mechanotransduction at maternal–conceptus interface and uterine wall during ovine pregnancy. <i>Reproduction</i> , 2009, 137, 567-582.	2.6	65
95	Attenuation of cisplatin nephrotoxicity by inhibition of soluble epoxide hydrolase. <i>Cell Biology and Toxicology</i> , 2009, 25, 217-225.	5.3	43
96	Salmonella enterica serovar Typhimurium-induced internalization and IL-8 expression in HeLa cells does not have a direct relationship with intracellular Ca ²⁺ levels. <i>Microbes and Infection</i> , 2009, 11, 850-858.	1.9	11
97	Fluorescent Cassettes for Monitoring Three-Component Interactions in Vitro and in Living Cells. <i>Journal of the American Chemical Society</i> , 2009, 131, 9156-9157.	13.7	46
98	A Ratiometric pH Reporter For Imaging Protein-dye Conjugates In Living Cells. <i>Journal of the American Chemical Society</i> , 2009, 131, 1642-1643.	13.7	193
99	Insulin-Like Growth Factor Binding Protein-1 in the Ruminant Uterus: Potential Endometrial Marker and Regulator of Conceptus Elongation. <i>Endocrinology</i> , 2009, 150, 4295-4305.	2.8	55
100	Induction of peritoneal endometriosis in nude mice with use of human immortalized endometriosis epithelial and stromal cells: a potential experimental tool to study molecular pathogenesis of endometriosis in humans. <i>Fertility and Sterility</i> , 2009, 91, 2199-2209.	1.0	32
101	Evaluation of culture systems for attachment and proliferation of epithelial cells cultured from ovine semen. <i>Animal Reproduction Science</i> , 2009, 115, 49-57.	1.5	9
102	Tolfenamic acid inhibits esophageal cancer through repression of specificity proteins and c-Met. <i>Carcinogenesis</i> , 2009, 30, 1193-1201.	2.8	77
103	Comparative aspects of implantation. <i>Reproduction</i> , 2009, 138, 195-209.	2.6	309
104	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in breast epithelial cell lines. <i>Journal of Toxicological Sciences</i> , 2009, 34, 13-25.	1.5	11
105	Lactational exposure to hexavalent chromium delays puberty by impairing ovarian development, steroidogenesis and pituitary hormone synthesis in developing Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 180-189.	2.8	66
106	Interferons and progesterone for establishment and maintenance of pregnancy: interactions among novel cell signaling pathways. <i>Reproductive Biology</i> , 2008, 8, 179-211.	1.9	181
107	Ligand structure-dependent activation of estrogen receptor α /Sp by estrogens and xenoestrogens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 110, 104-115.	2.5	33
108	Non-covalent delivery of proteins into mammalian cells. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4516.	2.8	24

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109	Uterine MHC Class I Molecules and Î²2-Microglobulin Are Regulated by Progesterone and Conceptus Interferons during Pig Pregnancy. <i>Journal of Immunology</i> , 2008, 181, 2494-2505.	0.8	62
110	Loss of Single-minded-2s in the Mouse Mammary Gland Induces an Epithelial-Mesenchymal Transition Associated with Up-Regulation of Slug and Matrix Metalloprotease 2. <i>Molecular and Cellular Biology</i> , 2008, 28, 1936-1946.	2.3	82
111	Using Quantitative Structure-Activity Relationships (QSAR) to Predict Toxic Endpoints for Polycyclic Aromatic Hydrocarbons (PAH). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 1073-1084.	2.3	15
112	Promoter methylation is associated with the age-dependent loss of N-cadherin in the rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F170-F176.	2.7	33
113	Galectin 15 (LGALS15) functions in trophoblast migration and attachment. <i>FASEB Journal</i> , 2008, 22, 548-560.	0.5	63
114	Integrin Activation in Bovine Placentomes and in Caruncular Epithelial Cells Isolated from Pregnant Cows. <i>Biology of Reproduction</i> , 2008, 79, 274-282.	2.7	26
115	Progesterone and Placentation Increase Secreted Phosphoprotein One (SPP1 or Osteopontin) in Uterine Glands and Stroma for Histotrophic and Hematotrophic Support of Ovine Pregnancy ¹ . <i>Biology of Reproduction</i> , 2008, 79, 983-990.	2.7	24
116	Insulin-Like Growth Factor II Activates Phosphatidylinositol 3-Kinase-Protooncogenic Protein Kinase 1 and Mitogen-Activated Protein Kinase Cell Signaling Pathways, and Stimulates Migration of Ovine Trophoblast Cells. <i>Endocrinology</i> , 2008, 149, 3085-3094.	2.8	63
117	Attenuation of Cisplatin Nephrotoxicity by the Soluble Epoxide Hydrolase Inhibitor nbAUDA. <i>FASEB Journal</i> , 2008, 22, 479.35.	0.5	0
118	Role of Age-Dependent Changes in MMP Expression in Acute Kidney Injury. <i>FASEB Journal</i> , 2008, 22, 942.4.	0.5	0
119	Enhanced Focal Adhesion Assembly Reflects Increased Mechanosensation and Mechanotransduction Along the Maternal-Conceptus Interface During Pregnancy in Sheep. <i>Biology of Reproduction</i> , 2008, 78, 106-106.	2.7	0
120	Increased susceptibility of aging kidney to ischemic injury: identification of candidate genes changed during aging, but corrected by caloric restriction. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1272-F1281.	2.7	65
121	WNTs in the Ovine Uterus: Potential Regulation of Periimplantation Ovine Conceptus Development. <i>Endocrinology</i> , 2007, 148, 3496-3506.	2.8	72
122	Pig Conceptuses Secrete Estrogen and Interferons to Differentially Regulate Uterine STAT1 in a Temporal and Cell Type-Specific Manner. <i>Endocrinology</i> , 2007, 148, 4420-4431.	2.8	80
123	Pig Conceptuses Increase Uterine Interferon-Regulatory Factor 1 (IRF1), but Restrict Expression to Stroma Through Estrogen-Induced IRF2 in Luminal Epithelium ¹ . <i>Biology of Reproduction</i> , 2007, 77, 292-302.	2.7	49
124	Regulation of Expression of Fibroblast Growth Factor 7 in the Pig Uterus by Progesterone and Estradiol ¹ . <i>Biology of Reproduction</i> , 2007, 77, 172-180.	2.7	60
125	Tight and Adherens Junctions in the Ovine Uterus: Differential Regulation by Pregnancy and Progesterone. <i>Endocrinology</i> , 2007, 148, 3922-3931.	2.8	67
126	Galectin 15 (LGALS15): A Gene Uniquely Expressed in the Uteri of Sheep and Goats that Functions in Trophoblast Attachment ¹ . <i>Biology of Reproduction</i> , 2007, 77, 1027-1036.	2.7	51

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127	Pregnancy recognition and conceptus implantation in domestic ruminants: roles of progesterone, interferons and endogenous retroviruses. <i>Reproduction, Fertility and Development</i> , 2007, 19, 65.	0.4	267
128	Ischemia-Induced Cleavage of Cadherins in NRK Cells is not Sufficient for β -catenin Transcriptional Activity. <i>Cell Communication and Adhesion</i> , 2007, 14, 111-123.	1.0	4
129	Rescuing valuable genomes by animal cloning: A case for natural disease resistance in cattle ¹² . <i>Journal of Animal Science</i> , 2007, 85, 138-142.	0.5	15
130	Effects of propofol on intracellular Ca ²⁺ homeostasis in human astrocytoma cells. <i>Brain Research</i> , 2007, 1145, 11-18.	2.2	9
131	Cloning of GJA1 (connexin43) and its expression in canine ovarian follicles throughout the estrous cycle. <i>Gene Expression Patterns</i> , 2007, 7, 66-71.	0.8	11
132	GALECTIN 15 (LGALS15) IS A MEDIATOR OF TROPHOBLAST ATTACHMENT IN THE OVINE UTERUS. <i>Biology of Reproduction</i> , 2007, 77, 204-205.	2.7	1
133	Fetal-maternal interactions during the establishment of pregnancy in ruminants. <i>Reproduction in Domestic Ruminants</i> , 2007, 6, 379-396.	0.1	53
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273	Rapid Morphological Transformations of Spermatozoa in the Uterus of <i>Brugia pahangi</i> (Nematoda). <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.7	10
274	Conceptus-uterus interactions in pigs: endometrial gene expression in response to estrogens and interferons from conceptuses. <i>Bioscientifica Proceedings</i> , 0, , .	1.0	1
275	Fetal-maternal interactions during the establishment of pregnancy in ruminants. <i>Bioscientifica Proceedings</i> , 0, , .	1.0	0
276	Select nutrients and glucose transporters in pig uteri and conceptuses. <i>Bioscientifica Proceedings</i> , 0, , .	1.0	0