

Robert Burghardt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7670432/publications.pdf>

Version: 2024-02-01

276
papers

16,388
citations

10956

71
h-index

20900

115
g-index

280
all docs

280
docs citations

280
times ranked

13557
citing authors

#	ARTICLE	IF	CITATIONS
1	HOTAIR is a negative prognostic factor and exhibits pro-oncogenic activity in pancreatic cancer. <i>Oncogene</i> , 2013, 32, 1616-1625.	2.6	713
2	Proline and hydroxyproline metabolism: implications for animal and human nutrition. <i>Amino Acids</i> , 2011, 40, 1053-1063.	1.2	512
3	Evidence for Placental Abnormality as the Major Cause of Mortality in First-Trimester Somatic Cell Cloned Bovine Fetuses ¹ . <i>Biology of Reproduction</i> , 2000, 63, 1787-1794.	1.2	407
4	Comparative aspects of implantation. <i>Reproduction</i> , 2009, 138, 195-209.	1.1	309
5	Progesterone and Placental Hormone Actions on the Uterus: Insights from Domestic Animals ¹ . <i>Biology of Reproduction</i> , 2004, 71, 2-10.	1.2	297
6	Novel pathways for implantation and establishment and maintenance of pregnancy in mammals. <i>Molecular Human Reproduction</i> , 2010, 16, 135-152.	1.3	295
7	Osteopontin: Roles in Implantation and Placentation ¹ . <i>Biology of Reproduction</i> , 2003, 69, 1458-1471.	1.2	278
8	Evidence that absence of endometrial gland secretions in uterine gland knockout ewes compromises conceptus survival and elongation. <i>Reproduction</i> , 2002, 124, 289-300.	1.1	276
9	Implantation mechanisms: insights from the sheep. <i>Reproduction</i> , 2004, 128, 657-668.	1.1	273
10	The Aryl Hydrocarbon Receptor Mediates Degradation of Estrogen Receptor β through Activation of Proteasomes. <i>Molecular and Cellular Biology</i> , 2003, 23, 1843-1855.	1.1	271
11	Pregnancy recognition and conceptus implantation in domestic ruminants: roles of progesterone, interferons and endogenous retroviruses. <i>Reproduction, Fertility and Development</i> , 2007, 19, 65.	0.1	267
12	Impacts of arginine nutrition on embryonic and fetal development in mammals. <i>Amino Acids</i> , 2013, 45, 241-256.	1.2	233
13	Endogenous retroviruses regulate periimplantation placental growth and differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14390-14395.	3.3	228
14	Spatial and Temporal Analyses of Integrin and Muc-1 Expression in Porcine Uterine Epithelium and Trophoctoderm in Vivo ¹ . <i>Biology of Reproduction</i> , 1996, 55, 1098-1106.	1.2	199
15	A Ratiometric pH Reporter For Imaging Protein-dye Conjugates In Living Cells. <i>Journal of the American Chemical Society</i> , 2009, 131, 1642-1643.	6.6	193
16	TRIENNIAL GROWTH SYMPOSIUM: Important roles for L-glutamine in swine nutrition and production ^{1,2} . <i>Journal of Animal Science</i> , 2011, 89, 2017-2030.	0.2	191
17	Muc-1, Integrin, and Osteopontin Expression During the Implantation Cascade in Sheep ¹ . <i>Biology of Reproduction</i> , 2001, 65, 820-828.	1.2	184
18	Interferons and progesterone for establishment and maintenance of pregnancy: interactions among novel cell signaling pathways. <i>Reproductive Biology</i> , 2008, 8, 179-211.	0.9	181

#	ARTICLE	IF	CITATIONS
19	Role of Sp Proteins in Regulation of Vascular Endothelial Growth Factor Expression and Proliferation of Pancreatic Cancer Cells. <i>Cancer Research</i> , 2004, 64, 6740-6749.	0.4	180
20	Conceptus signals for establishment and maintenance of pregnancy. <i>Animal Reproduction Science</i> , 2004, 82-83, 537-550.	0.5	180
21	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.	0.2	165
22	Integrins and Extracellular Matrix Proteins at the Maternal-Fetal Interface in Domestic Animals. <i>Cells Tissues Organs</i> , 2002, 172, 202-217.	1.3	148
23	Activation of Nur77 by Selected 1,1-Bis(3- ϵ -indolyl)-1-(p-substituted phenyl)methanes Induces Apoptosis through Nuclear Pathways. <i>Journal of Biological Chemistry</i> , 2005, 280, 24903-24914.	1.6	145
24	Discovery and characterization of an epithelial-specific galectin in the endometrium that forms crystals in the trophectoderm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7982-7987.	3.3	140
25	Interferon Regulatory Factor-Two Restricts Expression of Interferon-Stimulated Genes to the Endometrial Stroma and Glandular Epithelium of the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 2001, 65, 1038-1049.	1.2	139
26	Estrogen Receptor-mediated Activation of the Serum Response Element in MCF-7 Cells through MAPK-dependent Phosphorylation of Elk-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 11590-11598.	1.6	137
27	Ovine Osteopontin: II. Osteopontin and α _v β ₃ Integrin Expression in the Uterus and Conceptus During the Periimplantation Period ¹ . <i>Biology of Reproduction</i> , 1999, 61, 892-899.	1.2	134
28	Prolactin Receptor and Uterine Milk Protein Expression in the Ovine Endometrium During the Estrous Cycle and Pregnancy ¹ . <i>Biology of Reproduction</i> , 2000, 62, 1779-1789.	1.2	131
29	Secreted Phosphoprotein 1 (SPP1, Osteopontin) Binds to Integrin α _v β ₆ on Porcine Trophectoderm Cells and Integrin α _v β ₃ on Uterine Luminal Epithelial Cells, and Promotes Trophectoderm Cell Adhesion and Migration ¹ . <i>Biology of Reproduction</i> , 2009, 81, 814-825.	1.2	130
30	Fish oil increases mitochondrial phospholipid unsaturation, upregulating reactive oxygen species and apoptosis in rat colonocytes. <i>Carcinogenesis</i> , 2002, 23, 1919-1926.	1.3	129
31	Peroxisome proliferator-activated receptor gamma agonists induce proteasome-dependent degradation of cyclin D1 and estrogen receptor alpha in MCF-7 breast cancer cells. <i>Cancer Research</i> , 2003, 63, 958-64.	0.4	127
32	Expression of the Interferon Tau Inducible Ubiquitin Cross-Reactive Protein in the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 1999, 61, 312-318.	1.2	126
33	Analysis of Osteopontin at the Maternal-Placental Interface in Pigs ¹ . <i>Biology of Reproduction</i> , 2002, 66, 718-725.	1.2	123
34	Adsorption of Salmonella enteritidis by cetylpyridinium-exchanged montmorillonite clays. <i>Veterinary Microbiology</i> , 2000, 74, 259-272.	0.8	121
35	3-Methylcholanthrene and Other Aryl Hydrocarbon Receptor Agonists Directly Activate Estrogen Receptor α . <i>Cancer Research</i> , 2006, 66, 2459-2467.	0.4	120
36	Uterine receptivity to implantation of blastocysts in mammals. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 745-767.	0.8	115

#	ARTICLE	IF	CITATIONS
37	Small Inhibitory RNA Duplexes for Sp1 mRNA Block Basal and Estrogen-induced Gene Expression and Cell Cycle Progression in MCF-7 Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 28815-28822.	1.6	107
38	Effects of the Estrous Cycle and Early Pregnancy on Uterine Expression of Mx Protein in Sheep (Ovis Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.2	104
39	Steroid Regulation of Cell Specific Secreted Phosphoprotein 1 (Osteopontin) Expression in the Pregnant Porcine Uterus1. <i>Biology of Reproduction</i> , 2005, 73, 1294-1301.	1.2	101
40	Uterine biology in pigs and sheep. <i>Journal of Animal Science and Biotechnology</i> , 2012, 3, 23.	2.1	101
41	Mechanism of Action of Phenethylisothiocyanate and Other Reactive Oxygen Species-Inducing Anticancer Agents. <i>Molecular and Cellular Biology</i> , 2014, 34, 2382-2395.	1.1	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.	2.1	99
43	Ovine Osteopontin: I. Cloning and Expression of Messenger Ribonucleic Acid in the Uterus During the Periimplantation Period1. <i>Biology of Reproduction</i> , 1999, 61, 884-891.	1.2	98
44	Hypoxia Induces Proteasome-Dependent Degradation of Estrogen Receptor α in ZR-75 Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2002, 16, 2231-2242.	3.7	97
45	Interferon τ Activates Multiple Signal Transducers and Activator of Transcription Proteins and Has Complex Effects on Interferon-Responsive Gene Transcription in Ovine Endometrial Epithelial Cells**This work was supported by NIH Grant HD-32534 (to F.W.B. and T.E.S.) and in part by NIH Grant P30-ES-09106. The publication costs of this article were defrayed in part by the payment of page charges. The article must therefore be hereby marked advertisement in accordance with 18 U.S.C. Section 1734 solely to indicate. <i>Endocrinology</i> , 2001, 142, 98-107.	1.4	95
46	Drugs that Target Specificity Proteins Downregulate Epidermal Growth Factor Receptor in Bladder Cancer Cells. <i>Molecular Cancer Research</i> , 2010, 8, 739-750.	1.5	95
47	Exosomes, endogenous retroviruses and toll-like receptors: pregnancy recognition in ewes. <i>Reproduction</i> , 2015, 149, 281-291.	1.1	92
48	Spatial and Temporal Analyses of Integrin and Muc-1 Expression in Porcine Uterine Epithelium and Trophectoderm in Vitro1. <i>Biology of Reproduction</i> , 1997, 56, 409-415.	1.2	91
49	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.	1.2	91
50	Arginine Decarboxylase and Agmatinase: An Alternative Pathway for De Novo Biosynthesis of Polyamines for Development of Mammalian Conceptuses1. <i>Biology of Reproduction</i> , 2014, 90, 84.	1.2	89
51	Effects of the Estrous Cycle, Pregnancy, and Interferon Tau on τ -Oligoadenylate Synthetase Expression in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2001, 64, 1392-1399.	1.2	87
52	Ischemia-induced cleavage of cadherins in NRK cells requires MT1-MMP (MMP-14). <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F43-F51.	1.3	87
53	Progesterone Modulation of Osteopontin Gene Expression in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2000, 62, 1315-1321.	1.2	86
54	Dietary $n-3$ PUFA alter colonocyte mitochondrial membrane composition and function. <i>Lipids</i> , 2002, 37, 193-199.	0.7	86

#	ARTICLE	IF	CITATIONS
55	Cyclic AMP induces rapid increases in gap junction permeability and changes in the cellular distribution of connexin43. <i>Journal of Membrane Biology</i> , 1995, 148, 243-53.	1.0	84
56	Development and Characterization of Immortalized Ovine Endometrial Cell Lines1. <i>Biology of Reproduction</i> , 1999, 61, 1324-1330.	1.2	84
57	Stimulation of calcium uptake in cultured rat hippocampal neurons by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology</i> , 1996, 112, 19-28.	2.0	83
58	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.	1.1	82
59	Kinetic Analysis of the Chronology of Patulin- and Gossypol-Induced Cytotoxicity in Vitro. <i>Fundamental and Applied Toxicology</i> , 1996, 30, 290-297.	1.9	81
60	Secreted phosphoprotein 1 binds integrins to initiate multiple cell signaling pathways, including FRAP1/mTOR, to support attachment and force-generated migration of trophectoderm cells. <i>Matrix Biology</i> , 2010, 29, 369-382.	1.5	81
61	Patulin-induced cellular toxicity: A vital fluorescence study. <i>Toxicology and Applied Pharmacology</i> , 1992, 112, 235-244.	1.3	80
62	An Increase in Reactive Oxygen Species by Dietary Fish Oil Coupled with the Attenuation of Antioxidant Defenses by Dietary Pectin Enhances Rat Colonocyte Apoptosis. <i>Journal of Nutrition</i> , 2004, 134, 3233-3238.	1.3	80
63	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.	1.4	80
64	Osteopontin Expression in Uterine Stroma Indicates a Decidualization-Like Differentiation During Ovine Pregnancy. <i>Biology of Reproduction</i> , 2003, 68, 1951-1958.	1.2	77
65	Tolfenamic acid inhibits esophageal cancer through repression of specificity proteins and c-Met. <i>Carcinogenesis</i> , 2009, 30, 1193-1201.	1.3	77
66	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.	1.2	77
67	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.	1.2	77
68	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.	1.3	76
69	Comparative Toxicity of Eugenol and Its Quinone Methide Metabolite in Cultured Liver Cells Using Kinetic Fluorescence Bioassays. <i>Toxicology and Applied Pharmacology</i> , 1998, 149, 55-63.	1.3	75
70	Hormonal modulation of gap junctions in rat ovarian follicles. <i>Cell and Tissue Research</i> , 1981, 214, 181-93.	1.5	74
71	Interferon-Tau and Progesterone Regulate Ubiquitin Cross-Reactive Protein Expression in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2000, 62, 622-627.	1.2	73
72	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.	1.3	73

#	ARTICLE	IF	CITATIONS
73	Reduced cell-cell communication between mitotic and nonmitotic coupled cells. <i>Experimental Cell Research</i> , 1992, 198, 1-7.	1.2	72
74	WNTs in the Ovine Uterus: Potential Regulation of Periimplantation Ovine Conceptus Development. <i>Endocrinology</i> , 2007, 148, 3496-3506.	1.4	72
75	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.	1.2	72
76	Functional Effects of Transforming Growth Factor β^2 on Adhesive Properties of Porcine Trophectoderm. <i>Endocrinology</i> , 2005, 146, 3933-3942.	1.4	69
77	Tight and Adherens Junctions in the Ovine Uterus: Differential Regulation by Pregnancy and Progesterone. <i>Endocrinology</i> , 2007, 148, 3922-3931.	1.4	67
78	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.	1.3	67
79	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.	1.3	66
80	Antagonism of CD95 signaling blocks butyrate induction of apoptosis in young adult mouse colonic cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C310-C319.	2.1	65
81	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.	1.3	65
82	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.	1.1	65
83	Concurrent analysis of intracellular glutathione content and gap junctional intercellular communication. <i>Cytometry</i> , 1993, 14, 747-756.	1.8	64
84	Galectin 15 (LGALS15) functions in trophoctoderm migration and attachment. <i>FASEB Journal</i> , 2008, 22, 548-560.	0.2	63
85	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 Trophectoderm Cells. <i>Endocrinology</i> , 2008, 149, 3085-3094.	1.4	63
86	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.	0.2	63
87	Uterine MHC Class I Molecules and β^2 -Microglobulin Are Regulated by Progesterone and Conceptus Interferons during Pig Pregnancy. <i>Journal of Immunology</i> , 2008, 181, 2494-2505.	0.4	62
88	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 Areolae1. <i>Biology of Reproduction</i> , 2010, 82, 854-864.	1.2	62
89	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.	3.3	62
90	Gap junction amplification in rat ovarian granulosa cells. <i>Developmental Biology</i> , 1982, 94, 206-215.	0.9	61

#	ARTICLE	IF	CITATIONS
91	Pro-oxidant environment of the colon compared to the small intestine may contribute to greater cancer susceptibility. <i>Cancer Letters</i> , 2004, 208, 155-161.	3.2	61
92	Mechanisms for the establishment and maintenance of pregnancy: synergies from scientific collaborations. <i>Biology of Reproduction</i> , 2018, 99, 225-241.	1.2	61
93	Regulation of Expression of Fibroblast Growth Factor 7 in the Pig Uterus by Progesterone and Estradiol. <i>Biology of Reproduction</i> , 2007, 77, 172-180.	1.2	60
94	Osteopontin Is Synthesized by Uterine Glands and a 45-kDa Cleavage Fragment Is Localized at the Uterine-Placental Interface Throughout Ovine Pregnancy. <i>Biology of Reproduction</i> , 2003, 69, 92-98.	1.2	59
95	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 Conceptus. <i>Biology of Reproduction</i> , 2011, 84, 1139-1147.	1.2	59
96	Evaluation of Methods for Predicting the Toxicity of Polycyclic Aromatic Hydrocarbon Mixtures. <i>Environmental Science & Technology</i> , 2001, 35, 1630-1636.	4.6	58
97	Interferon Stimulated Gene 15 Conjugates to Endometrial Cytosolic Proteins and Is Expressed at the Uterine-Placental Interface throughout Pregnancy in Sheep. <i>Endocrinology</i> , 2005, 146, 675-684.	1.4	58
98	Analysis of Estrogen Receptor β -Sp1 Interactions in Breast Cancer Cells by Fluorescence Resonance Energy Transfer. <i>Molecular Endocrinology</i> , 2005, 19, 843-854.	3.7	58
99	Molecular Mechanism of Inhibitory Aryl Hydrocarbon Receptor-Estrogen Receptor/Sp1 Cross Talk in Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2006, 20, 2199-2214.	3.7	57
100	Doxycycline Induces Expression of P Glycoprotein in MCF-7 Breast Carcinoma Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 755-761.	1.4	56
101	Neurotoxicity induced in differentiated SK-N-SH-SY5Y human neuroblastoma cells by organophosphorus compounds. <i>Toxicology and Applied Pharmacology</i> , 2003, 186, 110-118.	1.3	56
102	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.	3.3	56
103	Production of Nuclear Transfer Horse Embryos by Piezo-Driven Injection of Somatic Cell Nuclei and Activation with Stallion Sperm Cytosolic Extract. <i>Biology of Reproduction</i> , 2002, 67, 561-567.	1.2	55
104	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.	1.4	55
105	Estrogen Up-Regulation of p53 Gene Expression in MCF-7 Breast Cancer Cells Is Mediated by Calmodulin Kinase IV-Dependent Activation of a Nuclear Factor κ B/CCAAT-Binding Transcription Factor-1 Complex. <i>Molecular Endocrinology</i> , 2002, 16, 1793-1809.	3.7	54
106	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.	1.6	53
107	Fetal-maternal interactions during the establishment of pregnancy in ruminants. <i>Reproduction in Domestic Ruminants</i> , 2007, 6, 379-396.	0.1	53
108	Cellular mechanisms of implantation in domestic farm animals. <i>Seminars in Cell and Developmental Biology</i> , 2000, 11, 93-104.	2.3	52

#	ARTICLE	IF	CITATIONS
109	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.	1.2	51
110	Chromatin structure in the unicellular algae <i>Olithodiscus luteus</i> , <i>Cryptocodinium cohnii</i> and <i>Peridinium balticum</i> . <i>Chromosoma</i> , 1980, 76, 91-99.	1.0	50
111	Secreted phosphoprotein 1 (osteopontin) is expressed by stromal macrophages in cyclic and pregnant endometrium of mice, but is induced by estrogen in luminal epithelium during conceptus attachment for implantation. <i>Reproduction</i> , 2006, 132, 919-929.	1.1	50
112	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.	1.1	50
113	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.	1.2	49
114	Stanniocalcin 1 Is a Luminal Epithelial Marker for Implantation in Pigs Regulated by Progesterone and Estradiol. <i>Endocrinology</i> , 2009, 150, 936-945.	1.4	49
115	Aquaporins in the female reproductive system of mammals. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 838-871.	3.0	48
116	The ontogeny of nexuses (gap junctions) in the ovary of the fetal mouse. <i>The Anatomical Record</i> , 1986, 214, 283-288.	2.3	47
117	Anin vitro model of ovarian epithelial carcinogenesis: Changes in cell-cell communication and adhesion occurring during neoplastic progression. <i>International Journal of Cancer</i> , 1993, 54, 828-838.	2.3	47
118	Mechanism of inhibition of MDA-MB-468 breast cancer cell growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Carcinogenesis</i> , 1997, 18, 925-933.	1.3	47
119	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.	6.6	46
120	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 Pathways ¹ . <i>Biology of Reproduction</i> , 2015, 92, 75.	1.2	46
121	Kinetic analysis of glutathione in anchored cells with monochlorobimane. <i>Cytometry</i> , 1995, 19, 226-234.	1.8	45
122	Ischemia-induced cleavage of cadherins in NRK cells: evidence for a role of metalloproteinases. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F280-F288.	1.3	44
123	Attenuation of cisplatin nephrotoxicity by inhibition of soluble epoxide hydrolase. <i>Cell Biology and Toxicology</i> , 2009, 25, 217-225.	2.4	43
124	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.	0.9	43
125	Benzo(a)pyrene-Induced Alterations in Growth-Related Gene Expression and Signaling in Precision-Cut Adult Rat Liver and Kidney Slices. <i>Toxicology and Applied Pharmacology</i> , 1998, 152, 302-308.	1.3	42
126	ITGAV (alpha v integrins) bind SPP1 (osteopontin) to support trophoblast cell adhesion. <i>Reproduction</i> , 2017, 153, 695-706.	1.1	41

#	ARTICLE	IF	CITATIONS
127	Implantation and Establishment of Pregnancy in the Pig. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 137-163.	1.0	40
128	Chromium VI $\hat{\sim}$ Induced developmental toxicity of placenta is mediated through spatiotemporal dysregulation of cell survival and apoptotic proteins. <i>Reproductive Toxicology</i> , 2017, 68, 171-190.	1.3	40
129	Histone-like protein and chromatin structure in the wall-less dinoflagellate <i>Gymnodinium nelsoni</i> . <i>BioSystems</i> , 1982, 15, 27-34.	0.9	38
130	Oxytocin-Induced Ca ²⁺ Responses in Human Myometrial Cells ¹ . <i>Biology of Reproduction</i> , 1999, 60, 777-782.	1.2	38
131	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.	1.2	38
132	Immunohistochemical Examination of Trophoblast Syncytialization during Early Placentation in Sheep. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4530.	1.8	38
133	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.	1.3	37
134	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.	1.2	37
135	17 $\hat{\beta}$ -Estradiol-mediated growth inhibition of MDA-MB-468 cells stably transfected with the estrogen receptor: Cell cycle effects. <i>Molecular and Cellular Endocrinology</i> , 1997, 133, 49-62.	1.6	35
136	Caprine uterine and placental osteopontin expression is distinct among epitheliochorial implanting species. <i>Placenta</i> , 2005, 26, 160-170.	0.7	35
137	Mares with Delayed Uterine Clearance Have an Intrinsic Defect in Myometrial Function ¹ . <i>Biology of Reproduction</i> , 2001, 65, 740-747.	1.2	34
138	Transcriptional Activation of Deoxyribonucleic Acid Polymerase $\hat{\pm}$ Gene Expression in MCF-7 Cells by 17 $\hat{\beta}$ -Estradiol*. <i>Endocrinology</i> , 2001, 142, 1000-1008.	1.4	34
139	Constitutive Activation of Transforming Growth Factor Beta Receptor 1 in the Mouse Uterus Impairs Uterine Morphology and Function ¹ . <i>Biology of Reproduction</i> , 2015, 92, 34.	1.2	34
140	Ligand structure-dependent activation of estrogen receptor $\hat{\pm}$ /Sp by estrogens and xenoestrogens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 110, 104-115.	1.2	33
141	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.	1.3	33
142	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.	1.2	33
143	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.	0.5	32
144	Confocal Fluorescence Microscopy Studies of a Fluorophore-Labeled Dirhodium Compound: Visualizing Metal-Bonded Molecules in Lung Cancer (A549) Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 7861-7864.	6.6	32

#	ARTICLE	IF	CITATIONS
145	Cellular events during ovine implantation and impact for gestation. <i>Animal Reproduction</i> , 2018, 15, 843-855.	0.4	32
146	Role of estrogen receptor (ER) β in insulin-like growth factor (IGF)-I-induced responses in MCF-7 breast cancer cells. <i>Journal of Molecular Endocrinology</i> , 2005, 35, 433-447.	1.1	31
147	The Temporal Expression of Osteopontin (SPP-1) in the Rodent Model of Alcoholic Steatohepatitis: A Potential Biomarker. <i>Toxicologic Pathology</i> , 2006, 34, 373-384.	0.9	31
148	Gap Junction Modulation in Rat Uterus. I. Effects of Estrogens on Myometrial and Serosal Cells 1. <i>Biology of Reproduction</i> , 1984, 30, 239-248.	1.2	30
149	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.	1.1	30
150	Gap Junctions in Myometrial Cell Cultures: Evidence for Modulation by Cyclic Adenosine 3',5'-bisphosphate 1. <i>Biology of Reproduction</i> , 1992, 47, 397-407.	1.2	29
151	Concomitant Alterations of Desmosomes, Adhesiveness, and Diffusion through Gap Junction Channels in a Rat Ovarian Transformation Model System. <i>Experimental Cell Research</i> , 1993, 207, 19-32.	1.2	29
152	Developmental toxicity and structure-activity relationships of chlorophenols using human embryonic palatal mesenchymal cells. <i>Toxicology Letters</i> , 1995, 78, 35-42.	0.4	29
153	Characterization of a Polarized Porcine Uterine Epithelial Model System 1. <i>Biology of Reproduction</i> , 1996, 55, 613-619.	1.2	29
154	Loss of N-cadherin and β -catenin in the proximal tubules of aging male Fischer 344 rats. <i>Mechanisms of Ageing and Development</i> , 2004, 125, 445-453.	2.2	28
155	Effects of benzo-a-pyrene on oxytocin-induced Ca ²⁺ oscillations in myometrial cells. <i>Toxicology Letters</i> , 2006, 165, 133-141.	0.4	28
156	Intracellular imaging of organelles with new water-soluble benzophenoxazine dyes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2052.	1.5	28
157	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.	1.4	28
158	Diet and carcinogen alter luminal butyrate concentration and intracellular pH in isolated rat colonocytes. <i>Nutrition and Cancer</i> , 1997, 27, 222-230.	0.9	27
159	Characterization of Calcium Oscillations in Normal and Benzo[a]pyrene-Treated Clone 9 Cells. <i>Toxicological Sciences</i> , 2002, 68, 444-450.	1.4	27
160	Overexpression of MMP-7 increases collagen 1A2 in the aging kidney. <i>Physiological Reports</i> , 2013, 1, .	0.7	27
161	Mechanotransduction drives morphogenesis to develop folding during placental development in pigs. <i>Placenta</i> , 2020, 90, 62-70.	0.7	27
162	Integrin Activation in Bovine Placentomes and in Caruncular Epithelial Cells Isolated from Pregnant Cows. <i>Biology of Reproduction</i> , 2008, 79, 274-282.	1.2	26

#	ARTICLE	IF	CITATIONS
163	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.	1.5	26
164	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.	0.8	26
165	Membrane fusion during spermiogenesis in <i>Ascaris</i> . <i>Journal of Ultrastructure Research</i> , 1978, 62, 190-202.	1.4	25
166	Analysis of Pb ²⁺ -Entry into Cultured Astroglia. <i>Toxicological Sciences</i> , 1998, 46, 90-100.	1.4	25
167	Disruption of Cadherin/Catenin Expression, Localization, and Interactions During HgCl ₂ -Induced Nephrotoxicity. <i>Toxicological Sciences</i> , 2004, 80, 170-182.	1.4	25
168	The Sphingosine 1-Phosphate (S1P) Signaling Pathway Is Regulated During Pregnancy in Sheep ¹ . <i>Biology of Reproduction</i> , 2010, 82, 876-887.	1.2	25
169	Kinetic Analysis of the Chronology of Patulin- and Gossypol-Induced Cytotoxicity in Vitro. <i>Toxicological Sciences</i> , 1996, 30, 290-297.	1.4	24
170	Non-covalent delivery of proteins into mammalian cells. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4516.	1.5	24
171	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.	1.2	24
172	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.	1.2	24
173	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 Cascade ¹ . <i>Biology of Reproduction</i> , 2015, 92, 51.	1.2	24
174	Nck deficiency is associated with delayed breast carcinoma progression and reduced metastasis. <i>Molecular Biology of the Cell</i> , 2017, 28, 3500-3516.	0.9	24
175	Cell-to-cell communication of equine uterine tube (oviduct) cells as determined by anchored cell analysis in culture. <i>Animal Reproduction Science</i> , 1993, 30, 313-324.	0.5	23
176	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.	1.3	23
177	Galectin-15 in ovine uteroplacental tissues. <i>Reproduction</i> , 2005, 130, 231-240.	1.1	22
178	Inhibition of breast cancer cell growth and induction of cell death by 1,1-bis(3- ϵ -indolyl)methane (DIM) and 5,5- ϵ -dibromoDIM. <i>Cancer Letters</i> , 2006, 236, 198-212.	3.2	22
179	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.	0.8	22
180	Correlation between Connexin43 Expression, Cell-Cell Communication, and Oxytocin-Induced Ca ²⁺ Responses in an Immortalized Human Myometrial Cell Line ¹ . <i>Biology of Reproduction</i> , 1996, 55, 433-438.	1.2	21

#	ARTICLE	IF	CITATIONS
181	The efficacy of sand-immobilized organoclays as filtration bed materials for bacteria. <i>Food Microbiology</i> , 2004, 21, 1-10.	2.1	21
182	The IGF system in the neonatal ovine uterus. <i>Reproduction</i> , 2005, 129, 337-347.	1.1	21
183	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.	1.2	21
184	Mdm2 Regulates Estrogen Receptor \hat{A} and Estrogen-responsiveness in Breast Cancer Cells. <i>Journal of Molecular Endocrinology</i> , 2010, 46, 67-79.	1.1	20
185	Ruthenium(II)-Polypyridyl Compounds with \hat{I} -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.	1.9	20
186	Interferon- \hat{I} , Activates Multiple Signal Transducer and Activator of Transcription Proteins and Has Complex Effects on Interferon-Responsive Gene Transcription in Ovine Endometrial Epithelial Cells*This work was supported by NIH Grant HD-32534 (to F.W.B. and T.E.S.) and in part by NIH Grant P30-ES-09106. The publication costs of this article were defrayed in part by the payment of page charges. The article must therefore be hereby marked advertisement in accordance with 18 U.S.C. Section 1734 solely to indica. , 0, .		20
187	Gap Junction Modulation in Rat Uterus. III. Structure-Activity Relationships of Estrogen Receptor-Binding Ligands on Myometrial and Serosal Cells1. <i>Biology of Reproduction</i> , 1987, 36, 741-751.	1.2	19
188	Expression of Carbohydrate Antigens in the Goat Uterus During Early Pregnancy and on Steroid-Treated Polarized Uterine Epithelial Cells In Vitro1. <i>Biology of Reproduction</i> , 2000, 62, 277-284.	1.2	18
189	Image analysis of Ca $^{2+}$ signals as a basis for neurotoxicity assays: Promises and challenges. <i>Neurotoxicology and Teratology</i> , 2010, 32, 16-24.	1.2	18
190	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.	1.1	18
191	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.	1.2	18
192	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.	1.3	18
193	Pig conceptuses secrete interferon gamma to recruit T cells to the endometrium during the peri-implantation period \hat{E} . <i>Biology of Reproduction</i> , 2020, 103, 1018-1029.	1.2	18
194	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.	0.9	17
195	Steroids Regulate SLC2A1 and SLC2A3 to Deliver Glucose Into Trophectoderm for Metabolism via Glycolysis. <i>Endocrinology</i> , 2020, 161, .	1.4	17
196	Loss of ITGB3 in ovine conceptuses decreases conceptus expression of NOS3 and SPP1: implications for the developing placental vasculature \hat{E} . <i>Biology of Reproduction</i> , 2021, 104, 657-668.	1.2	17
197	Bovine nuclear transfer embryo development using cells derived from a cloned fetus. <i>Animal Reproduction Science</i> , 2001, 67, 17-26.	0.5	16
198	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.	1.1	16

#	ARTICLE	IF	CITATIONS
199	Transcriptional Activation of Deoxyribonucleic Acid Polymerase α Gene Expression in MCF-7 Cells by 17 β -Estradiol. , 0, .		16
200	Effects of Fatty Acids on Benzo[a]pyrene Uptake and Metabolism in Human Lung Adenocarcinoma A549 Cells. PLoS ONE, 2014, 9, e90908.	1.1	16
201	Laser cytometric analysis of FIV-induced injury in astroglia. Glia, 1995, 13, 92-100.	2.5	15
202	Basal Cellular Alterations of Esterase, Glutathione, Glutathione S-Transferase, Intracellular Calcium, and Membrane Potentials in Coumaphos-Resistant Boophilus microplus (Acari: Ixodidae) Cell Lines. Pesticide Biochemistry and Physiology, 2002, 72, 1-9.	1.6	15
203	Glycosylation dependent cell adhesion molecule 1-like protein and I-selectin expression in sheep interplacentomal and placentomal endometrium. Reproduction, 2006, 131, 751-761.	1.1	15
204	Rescuing valuable genomes by animal cloning: A case for natural disease resistance in cattle ¹² . Journal of Animal Science, 2007, 85, 138-142.	0.2	15
205	Using Quantitative Structure-Activity Relationships (QSAR) to Predict Toxic Endpoints for Polycyclic Aromatic Hydrocarbons (PAH). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 1073-1084.	1.1	15
206	Endometrial connexin expression in the mare and pig: Evidence for the suppression of cell-cell communication in uterine luminal epithelium. , 1998, 251, 277-285.		14
207	Enhancement of Melphalan Toxicity by Octanol in Ovarian Adenocarcinoma Cell Lines: Effects of Altered Cell-Cell Communication, Glutathione Levels, and Plasma Membrane Fluidity. Fundamental and Applied Toxicology, 1995, 25, 70-79.	1.9	13
208	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in a rat liver cell line. Toxicology and Applied Pharmacology, 2011, 253, 45-56.	1.3	13
209	Identification of appropriate reference genes for qPCR analyses of placental expression of SLC7A3 and induction of SLC5A1 in porcine endometrium. Placenta, 2017, 52, 1-9.	0.7	13
210	Integrins and OPN localize to adhesion complexes during placentation in sheep. Reproduction, 2020, 160, 521-532.	1.1	13
211	Embryo production and possible species preservation by nuclear transfer of somatic cells isolated from bovine semen. Theriogenology, 2010, 74, 1629-1635.	0.9	12
212	Studies on the Relationship between Estrogen Receptor Content, Glutathione S-Transferase α Expression, and Induction by 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Drug Resistance in Human Breast Cancer Cells. Archives of Biochemistry and Biophysics, 1997, 348, 174-182.	1.4	11
213	Attenuation of Gossypol Cytotoxicity by Cyclic AMP in a Rat Liver Cell Line. Toxicology and Applied Pharmacology, 1998, 151, 311-318.	1.3	11
214	A Comparison of Two Methods for Fractionating Complex Mixtures in Preparation for Toxicity Analysis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 1351-1370.	1.1	11
215	Vitamin D-interacting Protein 205 (DRIP205) Coactivation of Estrogen Receptor α Involves Multiple Domains of Both Proteins. Journal of Biological Chemistry, 2004, 279, 53602-53612.	1.6	11
216	Hormonal regulation of lactate dehydrogenase-A through activation of protein kinase C pathways in MCF-7 breast cancer cells. Biochemical and Biophysical Research Communications, 2004, 320, 625-634.	1.0	11

#	ARTICLE	IF	CITATIONS
217	Cloning of GJA1 (connexin43) and its expression in canine ovarian follicles throughout the estrous cycle. <i>Gene Expression Patterns</i> , 2007, 7, 66-71.	0.3	11
218	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.	1.0	11
219	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.	0.7	11
220	SPP1 expression in the mouse uterus and placenta: implications for implantation. <i>Biology of Reproduction</i> , 2021, 105, 892-904.	1.2	11
221	Rapid Morphological Transformations of Spermatozoa in the Uterus of <i>Brugia pahangi</i> (Nematoda). <i>Tj ETQq1 1 0.784314 rgBT/Overlo</i>	0.3	10
222	Organelle-selective energy transfer: A fluorescent indicator of intracellular environment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1849-1851.	1.0	10
223	OPN binds alpha V integrin to promote endothelial progenitor cell incorporation into vasculature. <i>Reproduction</i> , 2020, 159, 465-478.	1.1	10
224	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.	1.2	10
225	Gap Junction Modulation in Rat Uterus. II. Effects of Antiestrogens on Myometrial and Serosal Cells 1. <i>Biology of Reproduction</i> , 1984, 30, 249-255.	1.2	9
226	Alteration of Oxytocin-Induced Calcium Oscillations in Clone 9 Cells by Toxin Exposure. <i>Fundamental and Applied Toxicology</i> , 1996, 33, 220-228.	1.9	9
227	Effects of propofol on intracellular Ca ²⁺ homeostasis in human astrocytoma cells. <i>Brain Research</i> , 2007, 1145, 11-18.	1.1	9
228	Evaluation of culture systems for attachment and proliferation of epithelial cells cultured from ovine semen. <i>Animal Reproduction Science</i> , 2009, 115, 49-57.	0.5	9
229	Editor'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.	1.4	9
230	Intercellular junctions and exocytosis in the vas deferens of <i>Ascaris</i> . <i>Journal of Ultrastructure Research</i> , 1980, 71, 162-172.	1.4	8
231	High passage T47D human breast cancer cells: altered endocrine and 2,3,7,8-tetrachlorodibenzo-p-dioxin responsiveness. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1994, 270, 53-65.	0.8	8
232	Induction of c-fos, and cytochrome c oxidase subunits I and II by gossypol acetic acid in rat liver cells. <i>Cell Biology and Toxicology</i> , 1998, 14, 391-399.	2.4	8
233	Editor'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.	1.4	8
234	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.	1.2	8

#	ARTICLE	IF	CITATIONS
235	Cell-to-cell communication competence in simian virus 40-transfected rat ovarian cells is reduced following tumor selection. <i>In Vitro Cellular & Developmental Biology</i> , 1992, 28, 436-444.	1.0	7
236	Gap Junction Expression in Equine Endometrium1. <i>Biology of Reproduction</i> , 1995, 52, 507-514.	1.2	7
237	Immunosuppressant inhibition of P-glycoprotein function is independent of drug-induced suppression of peptide-prolyl isomerase and calcineurin activity. <i>Cancer Chemotherapy and Pharmacology</i> , 1999, 44, 152-158.	1.1	7
238	Phenotypic profiles of cultured glomerular cells following repeated cycles of hydrocarbon injury. <i>Kidney International</i> , 2000, 57, 1571-1580.	2.6	7
239	ISOLATION OF NUCLEI FROM THE UNICELLULAR ALGA OLISTHODISCUS LUTEUS (CHLOROMONADOPHYCEAE)1. <i>Journal of Phycology</i> , 1983, 19, 348-351.	1.0	5
240	Nutritional and Physiological Regulation of Water Transport in the Conceptus. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1354, 109-125.	0.8	5
241	Model system for the study of uterine/trophoblast interactions in the mare. <i>Journal of Equine Veterinary Science</i> , 1993, 13, 506-511.	0.4	4
242	Heavy Metal Effects on Glia. <i>Methods in Neurosciences</i> , 1996, , 135-166.	0.5	4
243	A study of 2,4,6-trinitrotoluene inhibition of benzo[a]pyrene uptake and activation in a microbial mutagenicity assay. <i>Chemosphere</i> , 2001, 44, 1703-1709.	4.2	4
244	FIA/MS analysis of temporally ozonated benzo[a]pyrene and pyrene and their reaction products: Inhibition of gap junction-mediated intercellular communication. <i>Chemosphere</i> , 2005, 60, 1025-1033.	4.2	4
245	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
246	Energy transfer cassettes in silica nanoparticles target intracellular organelles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3871.	1.5	4
247	FTY720, a sphingosine analog, altered placentome histoarchitecture in ewes. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 2.	2.1	4
248	Physiological Roles of Gap Junctional Communication in Reproduction. , 1990, , 277-313.		4
249	The genus <i>Thalassiosira</i> : protoplast ultrastructure of the bipolar diatom <i>Thalassiosira antarctica</i> . <i>Canadian Journal of Botany</i> , 1984, 62, 1513-1522.	1.2	3
250	Intercellular communication in mare endometrial epithelium isolated during estrus and diestrus. <i>Journal of Equine Veterinary Science</i> , 1992, 12, 227-232.	0.4	3
251	LASER CYTOMETRIC ANALYSIS OF PERMETHRIN TOXICITY IN INSECT AND MAMMALIAN EPITHELIAL CELLS. <i>Toxic Substance Mechanisms</i> , 1997, 16, 237-250.	0.3	3
252	Use of multiple singular value decompositions to analyze complex intracellular calcium ion signals. <i>Annals of Applied Statistics</i> , 2009, 3, 1467-1492.	0.5	3

#	ARTICLE	IF	CITATIONS
253	Cationic polyfluorenes for intracellular delivery of proteins. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6513.	1.5	3
254	Elongating porcine conceptuses can utilize glutaminolysis as an anaplerotic pathway to maintain the TCA cycle. <i>Biology of Reproduction</i> , 2022, 107, 823-833.	1.2	3
255	Endocrine Regulation of Myometrial Gap Junctions and Their Role in Parturition. <i>Seminars in Reproductive Medicine</i> , 1993, 11, 250-260.	0.5	2
256	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.	0.6	2
257	Integrin Adhesion Complex Organization in Sheep Myometrium Reflects Changing Mechanical Forces during Pregnancy and Postpartum. <i>Biology</i> , 2021, 10, 508.	1.3	2
258	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, , .	0.7	2
259	Rb LOCALIZATION AND PHOSPHORYLATION KINETICS CORRELATE WITH THE CELLULAR PHENOTYPE OF CULTURED BREAST ADENOCARCINOMA CELLS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2002, 38, 235.	0.7	1
260	Endocrine Control of Trophoblast-Uterine Epithelial Cell Interactions. , 1998, , 199-228.		1
261	GALECTIN 15 (LGALS15) IS A MEDIATOR OF TROPHOBLAST ATTACHMENT IN THE OVINE UTERUS. <i>Biology of Reproduction</i> , 2007, 77, 204-205.	1.2	1
262	Conceptus-uterus interactions in pigs: endometrial gene expression in response to estrogens and interferons from conceptuses. <i>Bioscientifica Proceedings</i> , 0, , .	1.0	1
263	Enhancement of Melphalan Toxicity by Octanol in Ovarian Adenocarcinoma Cell Lines: Effects of Altered Cell-Cell Communication, Glutathione Levels, and Plasma Membrane Fluidity. <i>Toxicological Sciences</i> , 1995, 25, 70-79.	1.4	0
264	Alteration of Oxytocin-Induced Calcium Oscillations in Clone 9 Cells by Toxin Exposure. <i>Toxicological Sciences</i> , 1996, 33, 220-228.	1.4	0
265	Analysis of Mechanisms of Cellular Injury on the Micrometer Scale. <i>Microscopy and Microanalysis</i> , 1997, 3, 37-38.	0.2	0
266	Implantation. , 2011, , 654-657.		0
267	INTRAUTERINE INFUSION OF RECOMBINANT TRANSFORMING GROWTH FACTOR BETA LATENCY-ASSOCIATED PEPTIDE DISRUPTS PORCINE CONCEPTUS DEVELOPMENT. <i>Biology of Reproduction</i> , 2007, 77, 190-190.	1.2	0
268	GALECTIN-15 (LGALS15): A GENE UNIQUE TO SHEEP AND GOATS?. <i>Biology of Reproduction</i> , 2007, 77, 155-155.	1.2	0
269	INVOLVEMENT OF SPHINGOSINE-1-PHOSPHATE (S1P) AND SECRETED PHOSPHOPROTEIN 1 (SPP1) IN REGULATING UTERINE ANGIOGENESIS FOR OVINE PREGNANCY. <i>Biology of Reproduction</i> , 2007, 77, 147-148.	1.2	0
270	SECRETED PHOSPHOPROTEIN 1 ISOLATED FROM UTERINE SECRETIONS PROMOTES INTEGRIN-MEDIATED ADHESION OF PORCINE TROPHECTODERM CELLS. <i>Biology of Reproduction</i> , 2007, 77, 148-148.	1.2	0

#	ARTICLE	IF	CITATIONS
271	Attenuation of Cisplatin Nephrotoxicity by the Soluble Epoxide Hydrolase Inhibitor nbAUDA. FASEB Journal, 2008, 22, 479.35.	0.2	0
272	Role of Age-Dependent Changes in MMP Expression in Acute Kidney Injury. FASEB Journal, 2008, 22, 942.4.	0.2	0
273	Enhanced Focal Adhesion Assembly Reflects Increased Mechanosensation and Mechanotransduction Along the Maternal-Conceptus Interface During Pregnancy in Sheep.. Biology of Reproduction, 2008, 78, 106-106.	1.2	0
274	Fetal-maternal interactions during the establishment of pregnancy in ruminants. Bioscientifica Proceedings, 0, , .	1.0	0
275	Select nutrients and glucose transporters in pig uteri and conceptuses. Bioscientifica Proceedings, 0, , .	1.0	0
276	410 Steroids Regulate SLC2A1 and SLC2A3 to Deliver Glucose into Trophectoderm for Metabolism via Glycolysis. Journal of Animal Science, 2020, 98, 188-189.	0.2	0