

Leon J Spicer

List of Publications by Year in descending order

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127
papers

5,445
citations

66234

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128
all docs

128
docs citations

128
times ranked

3428
citing authors

#	ARTICLE	IF	CITATIONS
1	The ovarian insulin and insulin-like growth factor system with an emphasis on domestic animals. Domestic Animal Endocrinology, 1995, 12, 223-245.	0.8	356
2	The Adipose Obese Gene Product, Leptin: Evidence of a Direct Inhibitory Role in Ovarian Function*. Endocrinology, 1997, 138, 3374-3379.	1.4	279
3	Insulin-Like Growth Factor-I in Dairy Cows: Relationships Among Energy Balance, Body Condition, Ovarian Activity, and Estrous Behavior. Journal of Dairy Science, 1990, 73, 929-937.	1.4	217
4	Role of adiponectin in regulating ovarian theca and granulosa cell function. Molecular and Cellular Endocrinology, 2008, 284, 38-45.	1.6	165
5	Adipose Obese Gene Product, Leptin, Inhibits Bovine Ovarian Thecal Cell Steroidogenesis1. Biology of Reproduction, 1998, 58, 207-212.	1.2	149
6	Effect of Calf Isolation on Follicular Wave Dynamics, Gonadotropin and Metabolic Hormone Changes, and Interval to First Ovulation in Beef Cows Fed Either of Two Energy Levels Postpartum1. Biology of Reproduction, 1998, 59, 777-783.	1.2	128
7	Leptin: a possible metabolic signal affecting reproduction. Domestic Animal Endocrinology, 2001, 21, 251-270.	0.8	127
8	Insulin-Like Growth Factor (IGF) 2 Stimulates Steroidogenesis and Mitosis of Bovine Granulosa Cells Through the IGF1 Receptor: Role of Follicle-Stimulating Hormone and IGF2 Receptor1. Biology of Reproduction, 2007, 77, 18-27.	1.2	123
9	Fusarium mycotoxins: Effects on reproductive function in domestic animals—A review. Theriogenology, 2013, 80, 557-564.	0.9	121
10	Influence of gonadotropins on insulin- and insulin-like growth factor-I (IGF-I)-induced steroid production by bovine granulosa cells. Domestic Animal Endocrinology, 2002, 22, 237-254.	0.8	116
11	Fusarium Molds and Mycotoxins: Potential Species-Specific Effects. Toxins, 2018, 10, 244.	1.5	116
12	Growth Differentiation Factor 9 (GDF9) Stimulates Proliferation and Inhibits Steroidogenesis by Bovine Theca Cells: Influence of Follicle Size on Responses to GDF91. Biology of Reproduction, 2008, 78, 243-253.	1.2	112
13	Proteolytic Degradation of Insulin-Like Growth Factor Binding Proteins by Ovarian Follicles: A Control Mechanism for Selection of Dominant Follicles1. Biology of Reproduction, 2004, 70, 1223-1230.	1.2	105
14	Influence of Cortisol on Insulin- and Insulin-Like Growth Factor 1 (IGF-1)-Induced Steroid Production and on IGF-1 Receptors in Cultured Bovine Granulosa Cells and Thecal Cells. Endocrine, 1998, 9, 153-162.	2.2	104
15	A Review of the Mycotoxin Enniatin B. Frontiers in Public Health, 2017, 5, 304.	1.3	100
16	The role of endocrine insulin-like growth factor-I (IGF-I) in female bovine reproduction. Domestic Animal Endocrinology, 2008, 35, 325-342.	0.8	99
17	Effects of Feeding Propionibacteria to Dairy Cows on Milk Yield, Milk Components, and Reproduction. Journal of Dairy Science, 2006, 89, 111-125.	1.4	96
18	The Adipose Obese Gene Product, Leptin: Evidence of a Direct Inhibitory Role in Ovarian Function. , 0, .		90

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19	Effects of Fusarium mycotoxins on steroid production by porcine granulosa cells. <i>Animal Reproduction Science</i> , 2008, 107, 115-130.	0.5	84
20	Luteinizing hormone, growth hormone, insulin-like growth factor-i, insulin and metabolites before puberty in heifers fed to gain at two rates. <i>Domestic Animal Endocrinology</i> , 1996, 13, 325-338.	0.8	78
21	Ovarian Action of Leptin: Effects on Insulin-Like Growth Factor-I-Stimulated Function of Granulosa and Thecal Cells. <i>Endocrine</i> , 2000, 12, 53-60.	2.2	75
22	Nutritionally Induced Anovulation in Beef Heifers: Ovarian and Endocrine Function During Realimentation and Resumption of Ovulation ¹ . <i>Biology of Reproduction</i> , 2000, 62, 1436-1444.	1.2	74
23	High-fat diets promote insulin resistance through cytokine gene expression in growing female rats. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 505-513.	1.9	74
24	Effects of Thyroid Hormones on Bovine Granulosa and Thecal Cell Function In Vitro: Dependence on Insulin and Gonadotropins. <i>Journal of Dairy Science</i> , 2001, 84, 1069-1076.	1.4	69
25	Effects of fumonisin B1 alone and combined with deoxynivalenol or zearalenone on porcine granulosa cell proliferation and steroid production. <i>Theriogenology</i> , 2014, 81, 1042-1049.	0.9	67
26	Effects of cytokines on FSH-induced estradiol production by bovine granulosa cells in vitro: Dependence on size of follicle. <i>Domestic Animal Endocrinology</i> , 1994, 11, 25-34.	0.8	65
27	The hedgehog-patched signaling pathway and function in the mammalian ovary: a novel role for hedgehog proteins in stimulating proliferation and steroidogenesis of theca cells. <i>Reproduction</i> , 2009, 138, 329-339.	1.1	64
28	Insulin-like growth factor-I receptors in ovarian granulosa cells: Effect of follicle size and hormones. <i>Molecular and Cellular Endocrinology</i> , 1994, 102, 69-76.	1.6	62
29	Interaction Among Bovine Somatotropin, Insulin, and Gonadotropins on Steroid Production by Bovine Granulosa and Thecal Cells. <i>Journal of Dairy Science</i> , 1996, 79, 813-821.	1.4	59
30	Tumor Necrosis Factor- $\hat{1}\pm$ (TNF- $\hat{1}\pm$) Inhibits Steroidogenesis of Bovine Ovarian Granulosa and Thecal Cells In Vitro: Involvement of TNF- $\hat{1}\pm$ Receptors. <i>Endocrine</i> , 1998, 8, 109-116.	2.2	57
31	Changes in Serum LH, Progesterone, and Specific Binding of 125I-hCG to Luteal Cells During Regression and Development of Bovine Corpora Lutea ¹ . <i>Biology of Reproduction</i> , 1981, 25, 832-841.	1.2	56
32	Proteolysis of insulin-like growth factor binding proteins during preovulatory follicular development in cattle. <i>Domestic Animal Endocrinology</i> , 2001, 21, 1-15.	0.8	52
33	Effect of resistin on granulosa and theca cell function in cattle. <i>Animal Reproduction Science</i> , 2011, 124, 19-27.	0.5	52
34	Effects of Propionibacteria and Yeast Culture Fed to Steers on Nutrient Intake and Site and Extent of Digestion. <i>Journal of Dairy Science</i> , 2008, 91, 653-662.	1.4	51
35	Influence of diet and ambient temperature on bovine serum insulin-like growth factor-I and thyroxine: relationships with non-esterified fatty acids, glucose, insulin, luteinizing hormone and progesterone. <i>Animal Reproduction Science</i> , 1995, 37, 267-279.	0.5	49
36	Dexamethasone Influences Endocrine and Ovarian Function in Dairy Cattle. <i>Journal of Dairy Science</i> , 2001, 84, 1998-2009.	1.4	49

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37	Effect of insulin-like growth factors (IGF), FSH, and leptin on IGF-binding-protein mRNA expression in bovine granulosa and theca cells: quantitative detection by real-time PCR. <i>Peptides</i> , 2004, 25, 2195-2203.	1.2	49
38	Propionibacteria Fed to Dairy Cows: Effects on Energy Balance, Plasma Metabolites and Hormones, and Reproduction. <i>Journal of Dairy Science</i> , 2002, 85, 1738-1751.	1.4	47
39	Effects of a trichothecene, T-2 toxin, on proliferation and steroid production by porcine granulosa cells. <i>Toxicol</i> , 2009, 54, 337-344.	0.8	47
40	Effects of Inert Fat on Energy Balance, Plasma Concentrations of Hormones, and Reproduction in Dairy Cows. <i>Journal of Dairy Science</i> , 1993, 76, 2664-2673.	1.4	46
41	InÂvitro effects of deoxynivalenol and zearalenone major metabolites alone and combined, on cell proliferation, steroid production and gene expression in bovine small-follicle granulosa cells. <i>Toxicol</i> , 2016, 109, 70-83.	0.8	46
42	Quantification of insulin-like growth factor binding protein mRNA using real-time PCR in bovine granulosa and theca cells: effect of estradiol, insulin, and gonadotropins. <i>Domestic Animal Endocrinology</i> , 2004, 26, 241-258.	0.8	45
43	Concentrations of insulin-like growth factor-I in adult male white-tailed deer (<i>Odocoileus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 breeding season. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001, 129, 887-895.	0.8	42
44	Pregnancy-associated plasma protein-A and insulin-like growth factor binding protein mRNAs in granulosa cells of dominant and subordinate follicles of preovulatory cattle. <i>Domestic Animal Endocrinology</i> , 2005, 28, 46-63.	0.8	42
45	The role of tight junction proteins in ovarian follicular development and ovarian cancer. <i>Reproduction</i> , 2018, 155, R183-R198.	1.1	42
46	Regulation of ovarian function by catecholestrogens: Current concepts. <i>The Journal of Steroid Biochemistry</i> , 1989, 33, 489-501.	1.3	41
47	Catecholestrogens inhibit proliferation and DNA synthesis of porcine granulosa cells in vitro: comparison with estradiol, 5 α -dihydrotestosterone, gonadotropins and catecholamines. <i>Molecular and Cellular Endocrinology</i> , 1989, 64, 119-126.	1.6	40
48	Insulin-like growth factor binding protein-3: its biological effect on bovine granulosa cells. <i>Domestic Animal Endocrinology</i> , 1999, 16, 19-29.	0.8	40
49	Real-time RT-PCR quantification of pregnancy-associated plasma protein-A mRNA abundance in bovine granulosa and theca cells: Effects of hormones in vitro. <i>Domestic Animal Endocrinology</i> , 2006, 31, 357-372.	0.8	38
50	Evidence for direct effects of glyphosate on ovarian function: glyphosate influences steroidogenesis and proliferation of bovine granulosa but not theca cells<i>in vitro</i>. <i>Journal of Applied Toxicology</i> , 2017, 37, 692-698.	1.4	38
51	Influence of a Roundup formulation on glyphosate effects on steroidogenesis and proliferation of bovine granulosa cells inÂvitro. <i>Chemosphere</i> , 2017, 188, 274-279.	4.2	38
52	InÂvitro effects of the Fusarium mycotoxins fumonisin B1 and beauvericin on bovine granulosa cell proliferation and steroid production. <i>Toxicol</i> , 2017, 128, 38-45.	0.8	36
53	Effect of dietary intake on concentrations of insulin-like growth factor-I in plasma and follicular fluid, and ovarian function in heifers. <i>Domestic Animal Endocrinology</i> , 1991, 8, 431-437.	0.8	33
54	Effects of Fibroblast Growth Factor 9 (FGF9) on Steroidogenesis and Gene Expression and Control of FGF9 mRNA in Bovine Granulosa Cells. <i>Endocrinology</i> , 2012, 153, 4491-4501.	1.4	33

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55	Effect of Follicle Size on In Vitro Production of Steroids and Insulin-Like Growth Factor (IGF)-I, IGF-II, and the IGF-Binding Proteins by Equine Ovarian Granulosa Cells ¹ . <i>Biology of Reproduction</i> , 2002, 66, 1640-1648.	1.2	32
56	Oxygen and steroid concentrations in preovulatory follicles of lactating dairy cows exposed to acute heat stress. <i>Theriogenology</i> , 2008, 69, 805-813.	0.9	30
57	Catecholaminergic regulation of ovarian function in mammals: Current concepts. <i>Life Sciences</i> , 1986, 39, 1701-1711.	2.0	29
58	Hormonal control of ovarian cell production of insulin-like growth factor binding proteins. <i>Molecular and Cellular Endocrinology</i> , 2001, 182, 69-81.	1.6	29
59	Insulin-like growth factor-II stimulates steroidogenesis in cultured bovine thecal cells. <i>Molecular and Cellular Endocrinology</i> , 2004, 227, 1-7.	1.6	29
60	Effect of exogenous estradiol on plasma concentrations of somatotropin, insulin-like growth factor-I, insulin-like growth factor binding protein activity, and metabolites in ovariectomized angus and braham cows. <i>Domestic Animal Endocrinology</i> , 1997, 14, 367-380.	0.8	28
61	Individual and combined effects of deoxynivalenol and $\hat{\pm}$ -zearalenol on cell proliferation and steroidogenesis of granulosa cells in cattle. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 722-728.	2.0	26
62	Metabolism of [3H]2-Hydroxyestradiol by Cultured Porcine Granulosa Cells: Evidence for the Presence of a Catechol-O-Methyltransferase Pathway and a Direct Stimulatory Effect of 2-Methoxyestradiol on Progesterone Production ¹ . <i>Biology of Reproduction</i> , 1987, 36, 562-571.	1.2	25
63	Possible role of kallikrein in proteolysis of insulin-like growth factor binding proteins during the oestrous cycle and early pregnancy in pigs. <i>Reproduction</i> , 2001, 121, 719-728.	1.1	24
64	Effects of intraovarian infusion of insulin-like growth factor-I on ovarian follicular function in cattle $\hat{\pm}$. <i>Domestic Animal Endocrinology</i> , 2000, 18, 265-278.	0.8	23
65	Insulin-like Growth Factor-I and Its Binding Proteins in Colostrum Compared to Measures in Serum of Holstein Neonates. <i>Journal of Dairy Science</i> , 2003, 86, 2022-2029.	1.4	23
66	Predicting Cholesterol, Progesterone, and Days to Ovulation Using Postpartum Metabolic and Endocrine Measures. <i>Journal of Dairy Science</i> , 2003, 86, 2852-2863.	1.4	23
67	Effects of feeding two levels of propionibacteria to dairy cows on plasma hormones and metabolites. <i>Journal of Dairy Research</i> , 2007, 74, 146-153.	0.7	21
68	Fusarium mycotoxins and in vitro species-specific approach with porcine intestinal and brain in vitro barriers: A review. <i>Food and Chemical Toxicology</i> , 2018, 121, 666-675.	1.8	21
69	Receptors for insulin-like growth factor-I and tumor necrosis factor- $\hat{\pm}$ are hormonally regulated in bovine granulosa and thecal cells. <i>Animal Reproduction Science</i> , 2001, 67, 45-58.	0.5	20
70	Energy level in winter diets of Fallow deer: effect on plasma levels of insulin-like growth factor-I and sex ratio of their offspring. <i>Small Ruminant Research</i> , 2001, 39, 253-259.	0.6	20
71	Catecholestrogens stimulate progestin secretion by cultured porcine granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 1987, 50, 139-147.	1.6	19
72	Follicular fluid concentrations of free insulin-like growth factor (IGF)-I during follicular development in mares. <i>Domestic Animal Endocrinology</i> , 2005, 29, 573-581.	0.8	19

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73	Effects of Estradiol on Bovine Thecal Cell Function In Vitro: Dependence on Insulin and Gonadotropins. <i>Journal of Dairy Science</i> , 2005, 88, 2412-2421.	1.4	19
74	The Hedgehog System in Ovarian Follicles of Cattle Selected for Twin Ovulations and Births: Evidence of a Link Between the IGF and Hedgehog Systems ¹ . <i>Biology of Reproduction</i> , 2012, 87, 79.	1.2	19
75	Changes in fibroblast growth factor 9 mRNA in granulosa and theca cells during ovarian follicular growth in dairy cattle. <i>Journal of Dairy Science</i> , 2016, 99, 9143-9151.	1.4	19
76	Discovery of a possible role of asprosin in ovarian follicular function. <i>Journal of Molecular Endocrinology</i> , 2021, 66, 35-44.	1.1	19
77	Comparative effects of androgens and catecholestrogens on progesterone production by porcine granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 1988, 56, 211-217.	1.6	18
78	Current status of the role of endothelins in regulating ovarian follicular function: A review. <i>Animal Reproduction Science</i> , 2017, 186, 1-10.	0.5	18
79	Toxicological effects of fumonisin B1 alone and in combination with other fusariotoxins on bovine granulosa cells. <i>Toxicon</i> , 2016, 118, 47-53.	0.8	17
80	Hormonal regulation of vascular endothelial growth factor A (VEGFA) gene expression in granulosa and theca cells of cattle ¹ . <i>Journal of Animal Science</i> , 2019, 97, 3034-3045.	0.2	17
81	Fibroblast growth factor 9 (FGF9) regulation of cyclin D1 and cyclin-dependent kinase-4 in ovarian granulosa and theca cells of cattle. <i>Molecular and Cellular Endocrinology</i> , 2017, 440, 25-33.	1.6	16
82	2-Hydroxyestradiol Modulates a Facilitative Action of Catecholamines on Porcine Granulosa Cells*. <i>Endocrinology</i> , 1987, 120, 2375-2382.	1.4	15
83	2-Hydroxyestradiol Enhanced Progesterone Production by Porcine Granulosa Cells: Dependence on <i>de novo</i> Cholesterol Synthesis and Stimulation of Cholesterol Side-Chain Cleavage Activity and Cytochrome P450 _{scc} Messenger Ribonucleic Acid Levels*. <i>Endocrinology</i> , 1990, 127, 2763-2770.	1.4	15
84	Concentrations of insulin-like growth factor-I in follicular fluid and blood plasma of mares during early and late oestrus. <i>Animal Reproduction Science</i> , 1991, 25, 57-65.	0.5	15
85	Concentrations of insulin-like growth factor-I in serum of sheep with different ovulation rates: Changes during the estrous cycle. <i>Theriogenology</i> , 1992, 37, 395-405.	0.9	15
86	MicroRNA 221 expression in theca and granulosa cells: hormonal regulation and function ¹ . <i>Journal of Animal Science</i> , 2018, 96, 641-652.	0.2	15
87	Effects of growth hormone-releasing factor and vasoactive intestinal peptide on proliferation and steroidogenesis of bovine granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 1992, 83, 73-78.	1.6	14
88	Effects of N-carbamylglutamate and L-arginine on steroidogenesis and gene expression in bovine granulosa cells. <i>Animal Reproduction Science</i> , 2018, 188, 85-92.	0.5	14
89	Concentrations of insulin-like growth factor-I, estradiol and progesterone in follicular fluid of ovarian follicles during early pregnancy in cattle. <i>Theriogenology</i> , 1992, 37, 749-760.	0.9	13
90	Emerging mycotoxins and reproductive effects in animals: A short review. <i>Journal of Applied Toxicology</i> , 2022, 42, 1901-1909.	1.4	13

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91	Interaction between dietary intake and ovariectomy on concentrations of insulin-like growth factor-I, GH and LH in plasma of heifers. <i>Theriogenology</i> , 1994, 41, 1231-1240.	0.9	12
92	Estradiol and Luteinizing Hormone Regulation of Insulin-like Growth Factor Binding Protein Production by Bovine Granulosa and Thecal Cells. <i>Endocrine</i> , 2002, 17, 161-168.	2.2	12
93	Effect of days after calving on insulin-like growth factor-I, insulin-like growth factor binding proteins, progesterone, androstenedione, estradiol, and aromatase mRNA in dominant follicles of postpartum beef cows. <i>Animal Reproduction Science</i> , 2008, 108, 364-374.	0.5	12
94	Changes in brain ribonuclease (BRB) messenger RNA in granulosa cells (GCs) of dominant vs subordinate ovarian follicles of cattle and the regulation of BRB gene expression in bovine GCs. <i>Domestic Animal Endocrinology</i> , 2016, 55, 32-40.	0.8	12
95	Branched-chain amino acids partially recover the reduced growth of pigs fed with protein-restricted diets through both central and peripheral factors. <i>Animal Nutrition</i> , 2021, 7, 868-882.	2.1	12
96	Relationship between genotype of sire and dam, and plasma insulin-like growth factor-I concentrations in crossbred cows post partum. <i>Livestock Science</i> , 1993, 33, 355-360.	1.2	10
97	Regulation of the transcription factor E2F8 gene expression in bovine ovarian cells. <i>Molecular and Cellular Endocrinology</i> , 2019, 498, 110572.	1.6	10
98	Regulation of the transcription factor E2F1 mRNA in ovarian granulosa cells of cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
99	Specific binding of 125I-labeled human chorionic gonadotropin to gonadal tissue: Comparison of limited-point saturation analyses to Scatchard analyses for determining binding capacities and factors affecting estimates of binding capacity. <i>Analytical Biochemistry</i> , 1986, 156, 25-30.	1.1	9
100	Possible role of IGF2 receptors in regulating selection of 2 dominant follicles in cattle selected for twin ovulations and births. <i>Domestic Animal Endocrinology</i> , 2013, 45, 187-195.	0.8	9
101	Influence of N-acetylcysteine on steroidogenesis and gene expression in porcine placental trophoblast cells. <i>Theriogenology</i> , 2021, 161, 49-56.	0.9	9
102	Effects of angiogenin on granulosa and theca cell function in cattle. <i>Animal</i> , 2017, 11, 811-819.	1.3	8
103	Transcriptome profiling of bovine ovarian theca cells treated with fibroblast growth factor 9. <i>Domestic Animal Endocrinology</i> , 2018, 63, 48-58.	0.8	8
104	A potential role of fibrillin-1 (FBN1) mRNA and asprosin in follicular development in water buffalo. <i>Theriogenology</i> , 2022, 178, 67-72.	0.9	8
105	Mechanism of Action of 2-Hydroxyestradiol on Steroidogenesis in Ovarian Granulosa Cells: Interactions with Catecholamines and Gonadotropins Involve Cyclic Adenosine Monophosphate1. <i>Biology of Reproduction</i> , 1989, 40, 87-95.	1.2	7
106	Effects of selected hormones and their combination on progesterone and estradiol production and proliferation of feline granulosa cells cultured in vitro. <i>Theriogenology</i> , 2021, 168, 1-12.	0.9	7
107	Effect of growth hormone administration to mature miniature Brahman cattle treated with or without insulin on circulating concentrations of insulin-like growth factor-I and other metabolic hormones and metabolites. <i>Domestic Animal Endocrinology</i> , 2011, 41, 1-13.	0.8	6
108	Direct effects of the algal toxin, domoic acid, on ovarian function: Bovine granulosa and theca cells as an in vitro model. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 314-320.	2.9	6

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109	Case Study: Effects of body weight gain and bovine somatotropin treatment of postpartum beef cows on concentrations of IGF-1, insulin, and glucose in blood plasma; luteal activity; and calf growth. The Professional Animal Scientist, 2018, 34, 513-521.	0.7	6
110	The effects of protein supplementation of fall calving beef cows on pre- and postpartum plasma insulin, glucose and IGF-I, and postnatal growth and plasma insulin and IGF-I of calves1. Journal of Animal Science, 2018, 96, 2629-2639.	0.2	6
111	Effects of N-carbamylglutamate on steroidogenesis and relative abundances of mRNA transcripts in pig placental trophoblasts. Animal Reproduction Science, 2020, 221, 106569.	0.5	6
112	Changes in fibroblast growth factor receptors-1c, -2c, -3c, and -4 mRNA in granulosa and theca cells during ovarian follicular growth in dairy cattle. Domestic Animal Endocrinology, 2022, 80, 106712.	0.8	6
113	Secretion of Luteinizing Hormone and Follicle-Stimulating Hormone from Overfeeding Dairy Heifers. Journal of Dairy Science, 1984, 67, 1993-2000.	1.4	5
114	Effects of bone morphogenetic protein 4, gremlin, and connective tissue growth factor on estradiol and progesterone production by bovine granulosa cells. Journal of Animal Science, 2021, 99, .	0.2	5
115	Effect of plasma from cyclic versus nutritionally induced anovulatory beef heifers on proliferation of granulosa cells in vitro. Domestic Animal Endocrinology, 2008, 34, 250-253.	0.8	4
116	Effects of N-carbamylglutamate and arginine on steroidogenesis and proliferation of pig granulosa cells in vitro. Animal Reproduction Science, 2019, 209, 106138.	0.5	4
117	Effects of grape phenolics, myricetin and piceatannol, on bovine granulosa and theca cell proliferation and steroid production in vitro. Food and Chemical Toxicology, 2022, 167, 113288.	1.8	4
118	High performance liquid chromatography of steroids in bovine adrenal glands: Changes during the postpartum interval. The Journal of Steroid Biochemistry, 1989, 32, 669-674.	1.3	3
119	Wingless-type mouse mammary tumor virus integration site regulation of bovine theca cells. Journal of Animal Science, 2021, 99, .	0.2	3
120	Effect of ovarian antral follicle cauterization on the interestrus interval of the gilt. Theriogenology, 1993, 39, 975-984.	0.9	2
121	G protein-coupled receptor 34 in ovarian granulosa cells of cattle: changes during follicular development and potential functional implications. Domestic Animal Endocrinology, 2017, 59, 90-99.	0.8	2
122	Developmental and hormonal regulation of ubiquitin-like with plant homeodomain and really interesting new gene finger domains 1 gene expression in ovarian granulosa and theca cells of cattle. Journal of Animal Science, 2020, 98, .	0.2	2
123	Effects of transforming growth factor $\hat{2}1$ on steroidogenesis of feline granulosa cells cultured. Reproduction, Fertility and Development, 2022, 34, 789-797.	0.1	2
124	Postpartum nutrition affects the insulin-like growth factor system in dominant follicles and plasma of anestrus beef cows. Animal Reproduction Science, 2021, 229, 106760.	0.5	1
125	The Hedgehog System in Ovarian Follicles of Cattle Selected for Twin Ovulations and Births: Evidence of a Link Between the IGF and Hedgehog Systems.. Biology of Reproduction, 2008, 78, 109-110.	1.2	1
126	The Effect of Leptin on Ovarian Steroidogenesis. , 2003, , 97-109.		1

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127	Effects of a Fusarium Mycotoxin, Beauvericin, on Bovine Granulosa Cell Proliferation and Steroid Production. FASEB Journal, 2015, 29, LB530.	0.2	0