

Christopher A Price

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113 papers	2,355 citations	30 h-index	41 g-index
119 ext. papers	2,656 ext. citations	3.2 avg, IF	4.86 L-index

#	Paper	IF	Citations
113	Effects of the mycotoxin metabolite de-epoxy-deoxynivalenol (DOM-1) on embryo development and sperm motility in cattle. <i>Journal of Applied Toxicology</i> , 2021 , 41, 1180-1187	4.1	2
112	YAP signaling in preovulatory granulosa cells is critical for the functioning of the EGF network during ovulation. <i>Molecular and Cellular Endocrinology</i> , 2021 , 541, 111524	4.4	1
111	Dual-specificity phosphatase 6 (DUSP6) mRNA and protein abundance is regulated by fibroblast growth factor 2 in sheep granulosa cells and inhibits c-Jun N-terminal kinase (MAPK8) phosphorylation. <i>Molecular and Cellular Endocrinology</i> , 2021 , 531, 111297	4.4	0
110	Regulation of dual specificity phosphatases by fibroblast growth factor signaling pathways in bovine granulosa cells. <i>Reproduction</i> , 2021 , 162, 367-374	3.8	0
109	Regulation of the early growth response-1 binding protein NAB2 in bovine granulosa cells and effect on connective tissue growth factor expression. <i>Molecular and Cellular Endocrinology</i> , 2020 , 518, 111041	4.4	0
108	Fibroblast growth factor 2 regulates cumulus differentiation under the control of the oocyte. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 905-913	3.4	6
107	The endogenous hydrogen sulfide generating system regulates ovulation. <i>Free Radical Biology and Medicine</i> , 2019 , 138, 43-52	7.8	5
106	Arachidonic Acid Regulation of Intracellular Signaling Pathways and Target Gene Expression in Bovine Ovarian Granulosa Cells. <i>Animals</i> , 2019 , 9,	3.1	12
105	A putative protein-RNA complex regulates posttranscriptional processing of cytochrome P450 aromatase (CYP19A1) in bovine granulosa cells. <i>Molecular Reproduction and Development</i> , 2019 , 86, 1901-1908 ²	2.6	1908 ²
104	Consequences of assisted reproductive techniques on the embryonic epigenome in cattle. <i>Reproduction, Fertility and Development</i> , 2019 , 32, 65-81	1.8	5
103	Genetic and genomic analyses of embryo production in dairy cattle. <i>Reproduction, Fertility and Development</i> , 2019 , 32, 50-55	1.8	1
102	Fibroblast growth factor 18 regulates steroidogenesis in fetal bovine ovarian tissue in vitro. <i>Molecular Reproduction and Development</i> , 2019 , 86, 166-174	2.6	5
101	Expression of fibroblast growth factor 22 (FGF22) and its receptor, FGFR1B, during development and regression of bovine corpus luteum. <i>Theriogenology</i> , 2019 , 125, 1-5	2.8	3
100	The fibroblast growth factor 8 family in the female reproductive tract. <i>Reproduction</i> , 2018 , 155, R53-R62 ³	3.8	7
99	Effects of fibroblast growth factors and the transcription factor, early growth response 1, on bovine theca cells. <i>Molecular and Cellular Endocrinology</i> , 2018 , 476, 96-102	4.4	1
98	Genome-wide association study and in silico functional analysis of the number of embryos produced by Holstein donors. <i>Journal of Dairy Science</i> , 2018 , 101, 7248-7257	4	11
97	The life and death of the dominant follicle. <i>Animal Reproduction</i> , 2018 , 15, 680-690	1.7	3

96	Evidence that fibroblast growth factor 10 plays a role in follicle selection in cattle. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 234-243	1.8	5
95	Steroid hormones interact with natriuretic peptide C to delay nuclear maturation, to maintain oocyte-cumulus communication and to improve the quality of in vitro-produced embryos in cattle. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2217-2224	1.8	17
94	The mycotoxin metabolite deepoxy- deoxynivalenol increases apoptosis and decreases steroidogenesis in bovine ovarian theca cells. <i>Biology of Reproduction</i> , 2017 , 97, 746-757	3.9	16
93	Genetic analysis for quality of frozen embryos produced by Holstein cattle donors in Canada. <i>Journal of Dairy Science</i> , 2017 , 100, 7320-7329	4	4
92	Regulation and action of early growth response 1 in bovine granulosa cells. <i>Reproduction</i> , 2017 , 154, 547-557	3.8	9
91	Short communication: Genetic correlations between number of embryos produced using in vivo and in vitro techniques in heifer and cow donors. <i>Journal of Dairy Science</i> , 2016 , 99, 8222-8226	4	5
90	WNT5a is required for normal ovarian follicle development and antagonizes gonadotropin responsiveness in granulosa cells by suppressing canonical WNT signaling. <i>FASEB Journal</i> , 2016 , 30, 1534-1547	3.9	35
89	Mechanisms of fibroblast growth factor signaling in the ovarian follicle. <i>Journal of Endocrinology</i> , 2016 , 228, R31-43	4.7	38
88	Localization of angiotensin receptor type 2 in fetal bovine ovaries. <i>Animal Reproduction Science</i> , 2016 , 168, 34-39	2.1	2
87	Genetic analysis of superovulatory response of Holstein cows in Canada. <i>Journal of Dairy Science</i> , 2016 , 99, 3612-3623	4	23
86	Effect of kit ligand on natriuretic peptide precursor C and oocyte maturation in cattle. <i>Reproduction</i> , 2016 , 152, 481-9	3.8	6
85	Effects of the mycotoxin deoxynivalenol on steroidogenesis and apoptosis in granulosa cells. <i>Reproduction</i> , 2015 , 149, 555-61	3.8	25
84	Fibroblast growth factor 17 and bone morphogenetic protein 15 enhance cumulus expansion and improve quality of in vitro-produced embryos in cattle. <i>Theriogenology</i> , 2015 , 84, 390-8	2.8	27
83	Formulation and testing of a non-steroidal aromatase inhibitor intravaginal device for the control of ovarian function in cattle. <i>Animal Reproduction Science</i> , 2015 , 156, 91-102	2.1	5
82	The role of fibroblast growth factor-18 in follicular atresia in cattle. <i>Biology of Reproduction</i> , 2015 , 92, 14	3.9	11
81	Identification of 5 β -reductase isoenzymes in canine skin. <i>Veterinary Dermatology</i> , 2015 , 26, 363-6, e80-1	1.8	3
80	Non-canonical WNT5A is a potential regulator of granulosa cell function in cattle. <i>Molecular and Cellular Endocrinology</i> , 2015 , 403, 39-45	4.4	18
79	Expression of fibroblast growth factor 10 and cognate receptors in the developing bovine ovary. <i>Theriogenology</i> , 2014 , 81, 1268-74	2.8	11

78	Nitric oxide synthase activity is critical for the preovulatory epidermal growth factor-like cascade induced by luteinizing hormone in bovine granulosa cells. <i>Free Radical Biology and Medicine</i> , 2014 , 74, 237-44	7.8	18
77	Expression and regulation of the tumor suppressor, SEF, during folliculogenesis in humans and mice. <i>Reproduction</i> , 2014 , 148, 507-17	3.8	4
76	Factors regulating the bovine, caprine, rat and human ovarian aromatase promoters in a bovine granulosa cell model. <i>General and Comparative Endocrinology</i> , 2014 , 200, 10-7	3	11
75	Identification of single nucleotide polymorphisms in the bovine follicle-stimulating hormone receptor and effects of genotypes on superovulatory response traits. <i>Animal Genetics</i> , 2013 , 44, 197-201	2.5	20
74	Divergence of intracellular signaling pathways and early response genes of two closely related fibroblast growth factors, FGF8 and FGF18, in bovine ovarian granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2013 , 375, 97-105	4.4	28
73	Bone morphogenetic protein 15 and fibroblast growth factor 10 enhance cumulus expansion, glucose uptake, and expression of genes in the ovulatory cascade during in vitro maturation of bovine cumulus-oocyte complexes. <i>Reproduction</i> , 2013 , 146, 27-35	3.8	53
72	Effects of FSH on the expression of receptors for oocyte-secreted factors and members of the EGF-like family during in vitro maturation in cattle. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 890-9	1.8	26
71	Effect of synchronization of follicle-wave emergence with estradiol and progesterone and superstimulation with follicle-stimulating hormone on milk estrogen concentrations in dairy cattle. <i>Canadian Journal of Veterinary Research</i> , 2013 , 77, 75-8	0.5	
70	Bioassay for follicle stimulating activity of equine gonadotropic hormone in mare serum using frozen/thawed transiently transfected reporter cells. <i>Theriogenology</i> , 2012 , 78, 724-30	2.8	
69	FGF10 inhibits dominant follicle growth and estradiol secretion in vivo in cattle. <i>Reproduction</i> , 2012 , 143, 815-23	3.8	19
68	Differential actions of fibroblast growth factors on intracellular pathways and target gene expression in bovine ovarian granulosa cells. <i>Reproduction</i> , 2012 , 144, 625-32	3.8	20
67	Follicular somatic cell factors and follicle development. <i>Reproduction, Fertility and Development</i> , 2011 , 23, 32-9	1.8	34
66	Regulation of inducible nitric oxide synthase expression in bovine ovarian granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2011 , 335, 189-94	4.4	19
65	Fibroblast growth factor-2 regulation of Sprouty and NR4A genes in bovine ovarian granulosa cells. <i>Journal of Cellular Physiology</i> , 2011 , 226, 1820-7	7	30
64	Angiotensin II signaling promotes follicle growth and dominance in cattle. <i>Endocrinology</i> , 2011 , 152, 4957-65	4.8	30
63	Role of angiotensin II in the periovulatory epidermal growth factor-like cascade in bovine granulosa cells in vitro. <i>Biology of Reproduction</i> , 2011 , 85, 1167-74	3.9	23
62	Expression and function of fibroblast growth factor 18 in the ovarian follicle in cattle. <i>Biology of Reproduction</i> , 2010 , 83, 339-46	3.9	44
61	Cell plating density alters the ratio of estrogenic to progestagenic enzyme gene expression in cultured granulosa cells. <i>Fertility and Sterility</i> , 2010 , 93, 2050-5	4.8	39

60	Regulation and action of fibroblast growth factor 17 in bovine follicles. <i>Journal of Endocrinology</i> , 2009 , 202, 347-53	4.7	43
59	Regulation of MMP2 and MMP9 metalloproteinases by FSH and growth factors in bovine granulosa cells. <i>Genetics and Molecular Biology</i> , 2009 , 32, 516-20	2	13
58	Association of canine obesity with reduced serum levels of C-reactive protein. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008 , 20, 224-8	1.5	22
57	Regulation of angiotensin type 2 receptor in bovine granulosa cells. <i>Endocrinology</i> , 2008 , 149, 5004-11	4.8	20
56	Role of transforming growth factor-beta1 in gene expression and activity of estradiol and progesterone-generating enzymes in FSH-stimulated bovine granulosa cells. <i>Reproduction</i> , 2008 , 136, 447-57	3.8	43
55	Expression of fibroblast growth factor receptors during development and regression of the bovine corpus luteum. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 659-64	1.8	12
54	Expression of fibroblast growth factor 10 and its receptor, fibroblast growth factor receptor 2B, in the bovine corpus luteum. <i>Molecular Reproduction and Development</i> , 2008 , 75, 940-5	2.6	10
53	Expression of LH receptor mRNA splice variants in bovine granulosa cells: changes with follicle size and regulation by FSH in vitro. <i>Molecular Reproduction and Development</i> , 2007 , 74, 680-6	2.6	45
52	Expression and function of fibroblast growth factor 10 and its receptor, fibroblast growth factor receptor 2B, in bovine follicles. <i>Biology of Reproduction</i> , 2007 , 77, 743-50	3.9	74
51	Effects of ciprofibrate on testicular and adrenal steroidogenic enzymes in the rat. <i>Reproductive Toxicology</i> , 2006 , 22, 37-43	3.4	8
50	Hormonal regulation of cytochrome P450 aromatase mRNA stability in non-luteinizing bovine granulosa cells in vitro. <i>Journal of Endocrinology</i> , 2006 , 190, 107-15	4.7	16
49	Control of oestradiol secretion and of cytochrome P450 aromatase messenger ribonucleic acid accumulation by FSH involves different intracellular pathways in oestrogenic bovine granulosa cells in vitro. <i>Reproduction</i> , 2006 , 132, 909-17	3.8	43
48	Expression of protease nexin-1 and plasminogen activators during follicular growth and the periovulatory period in cattle. <i>Reproduction</i> , 2006 , 131, 125-37	3.8	24
47	Regulation of serine protease inhibitor-E2 and plasminogen activator expression and secretion by follicle stimulating hormone and growth factors in non-luteinizing bovine granulosa cells in vitro. <i>Matrix Biology</i> , 2006 , 25, 342-54	11.4	25
46	Follicular fluid concentration of transforming growth factor-beta1 is negatively correlated with estradiol and follicle size at the early stage of development of the first-wave cohort of bovine ovarian follicles. <i>Domestic Animal Endocrinology</i> , 2005 , 29, 623-33	2.3	24
45	Androstenedione increases cytochrome P450 aromatase messenger ribonucleic acid transcripts in nonluteinizing bovine granulosa cells. <i>Molecular Reproduction and Development</i> , 2005 , 70, 175-83	2.6	37
44	Expression of fibroblast growth factor-8 and its cognate receptors, fibroblast growth factor receptor (FGFR)-3c and -4, in fetal bovine preantral follicles. <i>Molecular Reproduction and Development</i> , 2005 , 70, 255-61	2.6	22
43	Expression of fibroblast growth factor-8 and regulation of cognate receptors, fibroblast growth factor receptor-3c and -4, in bovine antral follicles. <i>Reproduction</i> , 2005 , 130, 343-50	3.8	81

42	Plasminogen activator and serine protease inhibitor-E2 (protease nexin-1) expression by bovine granulosa cells in vitro. <i>Biology of Reproduction</i> , 2004 , 71, 887-93	3.9	17
41	Expression of 17beta- and 3beta-hydroxysteroid dehydrogenases and steroidogenic acute regulatory protein in non-luteinizing bovine granulosa cells in vitro. <i>Molecular and Cellular Endocrinology</i> , 2004 , 223, 43-54	4.4	40
40	Alternate two- and three-follicle wave interovulatory intervals in Holstein heifers monitored for two consecutive estrous cycles. <i>Canadian Journal of Animal Science</i> , 2004 , 84, 145-147	0.9	6
39	Serine protease inhibitor-E2 (SERPINE2) is differentially expressed in granulosa cells of dominant follicle in cattle. <i>Molecular Reproduction and Development</i> , 2003 , 64, 152-65	2.6	63
38	Insulin and IGF-I are necessary for FSH-induced cytochrome P450 aromatase but not cytochrome P450 side-chain cleavage gene expression in oestrogenic bovine granulosa cells in vitro. <i>Journal of Endocrinology</i> , 2002 , 174, 499-507	4.7	41
37	Effects of delaying the LH surge and altering LH secretion on plasma hormones and embryo production in heifers superstimulated with FSH. <i>Canadian Journal of Animal Science</i> , 2002 , 82, 357-366	0.9	3
36	Insulin alters the effects of follicle stimulating hormone on aromatase in bovine granulosa cells in vitro. <i>Steroids</i> , 2001 , 66, 511-9	2.8	17
35	Influence of food shortage during the summer on body composition and reproductive hormones in the red fox, <i>Vulpes vulpes</i> . <i>Canadian Journal of Zoology</i> , 2001 , 79, 471-477	1.5	10
34	Influence of food shortage during the summer on body composition and reproductive hormones in the red fox, <i>Vulpes vulpes</i> . <i>Canadian Journal of Zoology</i> , 2001 , 79, 471-477	1.5	5
33	Effect of follicle-stimulating hormone on steroid secretion and messenger ribonucleic acids encoding cytochromes P450 aromatase and cholesterol side-chain cleavage in bovine granulosa cells in vitro. <i>Biology of Reproduction</i> , 2000 , 62, 186-91	3.9	83
32	Effect of FSH and cell localization on dimeric inhibin-A secretion from bovine granulosa cells in culture. <i>Journal of Endocrinology</i> , 2000 , 165, 207-15	4.7	7
31	Effects of dominant follicle aspiration and treatment with recombinant bovine somatotropin (BST) on ovarian follicular development in nelore (<i>Bos indicus</i>) heifers. <i>Theriogenology</i> , 2000 , 54, 421-31	2.8	34
30	Decreased LH pulsatility during initiation of gonadotropin superovulation treatment in the cow: evidence for negative feedback other than estradiol and progesterone. <i>Theriogenology</i> , 2000 , 54, 507-21	2.8	7
29	Effect of growth factors and co-culture with ovarian medulla on the activation of primordial follicles in explants of bovine ovarian cortex. <i>Theriogenology</i> , 2000 , 54, 587-98	2.8	32
28	Influence of season and low-level oestradiol immunoneutralization on episodic LH and testosterone secretion and testicular steroidogenic enzymes and steroidogenic acute regulatory protein in the adult ram. <i>Reproduction</i> , 2000 , 251-262	3.8	6
27	Annual Variation of Body Composition, Reproductive Hormones, and Blood Constituents of Red Foxes. <i>Journal of Mammalogy</i> , 1999 , 80, 1163-1172	1.8	4
26	Effects of superovulation on endogenous LH secretion in cattle, and consequences for embryo production. <i>Theriogenology</i> , 1999 , 51, 37-46	2.8	17
25	Alterations of LH release with delay of the LH surge affect embryo production in heifers superovulated with FSH. <i>Theriogenology</i> , 1999 , 51, 409	2.8	3

24	Effects of in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on serum androgens and steroidogenic enzyme activities in the male rat reproductive tract. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1998 , 67, 347-54	5.1	32
23	Levels of messenger RNA encoding ovarian receptors for FSH and LH in cattle during superovulation with equine chorionic gonadotrophin versus FSH. <i>Journal of Endocrinology</i> , 1998 , 156, 373-8	4.7	17
22	Follicle-stimulating hormone stimulates circulating gonadotropin surge-attenuating/inhibiting factor bioactivity in cows. <i>Biology of Reproduction</i> , 1997 , 57, 278-85	3.9	9
21	Ovarian follicular steroidogenic acute regulatory protein, low-density lipoprotein receptor, and cytochrome P450 side-chain cleavage messenger ribonucleic acids in cattle undergoing superovulation. <i>Biology of Reproduction</i> , 1997 , 56, 516-22	3.9	39
20	Interrelationship between plasma estradiol concentration and oxytocin-induced PGF2alpha release in heifers. <i>Theriogenology</i> , 1996 , 46, 617-30	2.8	
19	Follicular 3 beta-hydroxysteroid dehydrogenase and cytochromes P450 17 alpha-hydroxylase and aromatase messenger ribonucleic acids in cattle undergoing superovulation. <i>Biology of Reproduction</i> , 1996 , 55, 1419-26	3.9	24
18	Oocyte quality in small antral follicles in the presence or absence of a large dominant follicle in cattle. <i>Reproduction</i> , 1996 , 106, 193-9	3.8	57
17	Steroidogenic acute regulatory protein in bovine corpora lutea. <i>Biology of Reproduction</i> , 1996 , 55, 485-91	3.9	105
16	Comparison of hormonal and histological changes during follicular growth, as measured by ultrasonography, in cattle. <i>Reproduction</i> , 1995 , 103, 63-8	3.8	45
15	Effects of short-term exposure to hydroxyflutamide in utero on the development of the reproductive tract in male mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995 , 73, 1582-8	2.4	42
14	Superovulatory treatments do not alter pulsatile LH secretion in ovariectomized cattle. <i>Theriogenology</i> , 1995 , 43, 543-9	2.8	5
13	Evidence that testosterone and follicular fluid do not interact in the control of FSH secretion in rams. <i>Theriogenology</i> , 1994 , 41, 471-82	2.8	4
12	Decreased pulsatile LH secretion in heifers superovulated with eCG or FSH. <i>Theriogenology</i> , 1994 , 42, 685-94	2.8	24
11	A note on ovarian measurements in cows with or without a history of twinning. <i>New Zealand Journal of Agricultural Research</i> , 1993 , 36, 237-241	1.9	
10	A study of pituitary and adrenal function in a disease-stressed ram. <i>Canadian Veterinary Journal</i> , 1993 , 34, 43-5	0.5	
9	Effect of testosterone and bovine follicular fluid on concentrations of luteinizing hormone and follicle-stimulating hormone in plasma of castrated rams that are homozygous carriers or non-carriers of the Booroola fecundity gene. <i>Reproduction</i> , 1992 , 95, 947-57	3.8	4
8	The control of FSH secretion in the larger domestic species. <i>Journal of Endocrinology</i> , 1991 , 131, 177-84	4.7	17
7	Effect of castration on plasma concentrations of luteinizing hormone and follicle-stimulating hormone in adult Merino rams which were homozygous carriers or non-carriers of the Booroola fecundity gene. <i>Reproduction</i> , 1991 , 93, 211-9	3.8	5

6	Ovarian response to hCG treatment during the oestrous cycle in heifers. <i>Reproduction</i> , 1989 , 86, 303-8	3.8	56
5	Qualitative variation in the immune response to ovarian follicular fluid proteins in cattle. <i>Journal of Reproductive Immunology</i> , 1988 , 14, 151-63	4.2	5
4	Steroid control of gonadotropin secretion and ovarian function in heifers. <i>Endocrinology</i> , 1988 , 122, 2222-31	4.3	69
3	Interactions between inhibin, oestradiol and progesterone in the control of gonadotrophin secretion in the ewe. <i>Reproduction</i> , 1988 , 82, 319-28	3.8	48
2	Active immunization of cattle against partly purified follicular fluid from sheep. <i>Reproduction</i> , 1987 , 81, 161-8	3.8	18
1	Reproductive and endocrine effects of active immunization against a testosterone conjugate in the heifer. <i>Reproduction</i> , 1987 , 81, 149-60	3.8	30