

Peter Leung

List of Publications by Citations

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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.

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|--------------------|-------------------------|----------------|-----------------|
| 295 papers | 8,387 citations | 46 h-index | 72 g-index |
| 308 ext. papers | 9,312 ext. citations | 4.9 avg, IF | 6.12 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 295 | Ovarian surface epithelium: biology, endocrinology, and pathology. <i>Endocrine Reviews</i> , 2001 , 22, 255-88 | 27.2 | 778 |
| 294 | Molecular biology of gonadotropin-releasing hormone (GnRH)-I, GnRH-II, and their receptors in humans. <i>Endocrine Reviews</i> , 2005 , 26, 283-306 | 27.2 | 244 |
| 293 | Direct action of melatonin in human granulosa-luteal cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4789-97 | 5.6 | 161 |
| 292 | Oocyte-somatic cell interactions in the human ovary-novel role of bone morphogenetic proteins and growth differentiation factors. <i>Human Reproduction Update</i> , 2016 , 23, 1-18 | 15.8 | 137 |
| 291 | Antimüllerian hormone inhibits follicle-stimulating hormone-induced adenylyl cyclase activation, aromatase expression, and estradiol production in human granulosa-lutein cells. <i>Fertility and Sterility</i> , 2013 , 100, 585-92.e1 | 4.8 | 117 |
| 290 | Long-term growth and steroidogenic potential of human granulosa-lutein cells immortalized with SV40 large T antigen. <i>Molecular and Cellular Endocrinology</i> , 1996 , 120, 169-76 | 4.4 | 110 |
| 289 | Gonadotropins and ovarian cancer. <i>Endocrine Reviews</i> , 2007 , 28, 440-61 | 27.2 | 102 |
| 288 | Human peripheral blood mononuclear cells express gonadotropin-releasing hormone (GnRH), GnRH receptor, and interleukin-2 receptor gamma-chain messenger ribonucleic acids that are regulated by GnRH in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 743-50 | 5.6 | 100 |
| 287 | The PI3K/Akt/mTOR signaling pathway mediates insulin-like growth factor 1-induced E-cadherin down-regulation and cell proliferation in ovarian cancer cells. <i>Cancer Letters</i> , 2012 , 326, 191-8 | 9.9 | 97 |
| 286 | Expression of leptin receptors and potential effects of leptin on the cell growth and activation of mitogen-activated protein kinases in ovarian cancer cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 207-10 | 5.6 | 97 |
| 285 | Role of gonadotropin-releasing hormone as an autocrine growth factor in human ovarian surface epithelium. <i>Endocrinology</i> , 2000 , 141, 72-80 | 4.8 | 95 |
| 284 | Multi-factorial role of GnRH-I and GnRH-II in the human ovary. <i>Molecular and Cellular Endocrinology</i> , 2003 , 202, 145-53 | 4.4 | 86 |
| 283 | Immunolocalization of gonadotropin-releasing hormone (GnRH)-I, GnRH-II, and type I GnRH receptor during follicular development in the human ovary. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4562-70 | 5.6 | 80 |
| 282 | The human gonadotropin-releasing hormone receptor gene: complete structure including multiple promoters, transcription initiation sites, and polyadenylation signals. <i>Molecular and Cellular Endocrinology</i> , 1995 , 107, R1-8 | 4.4 | 77 |
| 281 | Estrogen treatment of immature rats inhibits ovarian androgen production in vitro. <i>Endocrinology</i> , 1979 , 104, 1411-7 | 4.8 | 74 |
| 280 | Overexpression of follicle-stimulating hormone receptor activates oncogenic pathways in preneoplastic ovarian surface epithelial cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 5508-16 | 5.6 | 73 |
| 279 | Differential regulation of two forms of gonadotropin-releasing hormone messenger ribonucleic acid in human granulosa-luteal cells. <i>Endocrinology</i> , 2001 , 142, 182-92 | 4.8 | 73 |

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|-----|--|------|----|
| 278 | Induction of polyphosphoinositide breakdown in rat corpus luteum by prostaglandin F2 alpha. <i>Endocrinology</i> , 1986 , 119, 12-8 | 4.8 | 73 |
| 277 | Constitutive and conditional cadherin expression in cultured human ovarian surface epithelium: influence of family history of ovarian cancer. <i>International Journal of Cancer</i> , 1999 , 81, 180-8 | 7.5 | 72 |
| 276 | Steroidogenic factor-1 interacts with a gonadotrope-specific element within the first exon of the human gonadotropin-releasing hormone receptor gene to mediate gonadotrope-specific expression. <i>Endocrinology</i> , 1999 , 140, 2452-62 | 4.8 | 67 |
| 275 | Endocrine signaling in ovarian surface epithelium and cancer. <i>Human Reproduction Update</i> , 2007 , 13, 143-62 | 15.8 | 65 |
| 274 | Expression and antiproliferative effect of a second form of gonadotropin-releasing hormone in normal and neoplastic ovarian surface epithelial cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 5075-8 | 5.6 | 65 |
| 273 | The expression, regulation and signal transduction pathways of the mammalian gonadotropin-releasing hormone receptor. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000 , 78, 1029-1052 | 2.4 | 65 |
| 272 | LHRH rapidly stimulates phosphatidylinositol metabolism in enriched gonadotrophs. <i>Molecular and Cellular Endocrinology</i> , 1984 , 36, 157-64 | 4.4 | 64 |
| 271 | The human gonadotropin-inhibitory hormone ortholog RFamide-related peptide-3 suppresses gonadotropin-induced progesterone production in human granulosa cells. <i>Endocrinology</i> , 2012 , 153, 3435-45 | 4.8 | 63 |
| 270 | Hydrogen peroxide mediates EGF-induced down-regulation of E-cadherin expression via p38 MAPK and snail in human ovarian cancer cells. <i>Molecular Endocrinology</i> , 2010 , 24, 1569-80 | | 63 |
| 269 | Estradiol regulates gonadotropin-releasing hormone (GnRH) and its receptor gene expression and antagonizes the growth inhibitory effects of GnRH in human ovarian surface epithelial and ovarian cancer cells. <i>Endocrinology</i> , 2001 , 142, 580-8 | 4.8 | 59 |
| 268 | Oocyte-derived BMP15 but not GDF9 down-regulates connexin43 expression and decreases gap junction intercellular communication activity in immortalized human granulosa cells. <i>Molecular Human Reproduction</i> , 2014 , 20, 373-83 | 4.4 | 58 |
| 267 | Low Thyroid Hormone in Early Pregnancy Is Associated With an Increased Risk of Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4237-4243 | 5.6 | 58 |
| 266 | BMP15 suppresses progesterone production by down-regulating StAR via ALK3 in human granulosa cells. <i>Molecular Endocrinology</i> , 2013 , 27, 2093-104 | | 57 |
| 265 | Gonadotropins activate proteolysis and increase invasion through protein kinase A and phosphatidylinositol 3-kinase pathways in human epithelial ovarian cancer cells. <i>Cancer Research</i> , 2006 , 66, 3912-20 | 10.1 | 57 |
| 264 | Activin receptor signaling. <i>Growth Factors</i> , 2004 , 22, 105-10 | 1.6 | 55 |
| 263 | The human calbindin-D9k gene. Complete structure and implications on steroid hormone regulation. <i>Journal of Molecular Biology</i> , 1994 , 235, 1231-8 | 6.5 | 55 |
| 262 | Follicle-stimulating hormone activates mitogen-activated protein kinase in preneoplastic and neoplastic ovarian surface epithelial cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 2245-53 | 5.6 | 54 |
| 261 | Regulation of gonadotropin-releasing hormone and its receptor gene expression by 17beta-estradiol in cultured human granulosa-luteal cells. <i>Endocrinology</i> , 2000 , 141, 1754-63 | 4.8 | 54 |

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|-----|--|------|----|
| 260 | Transfer of maternally injected endocrine disruptors through breast milk during lactation induces neonatal Calbindin-D9k in the rat model. <i>Reproductive Toxicology</i> , 2004 , 18, 661-8 | 3.4 | 53 |
| 259 | Profiling of protein kinases in the neoplastic transformation of human ovarian surface epithelium. <i>Gynecologic Oncology</i> , 2001 , 82, 305-11 | 4.9 | 53 |
| 258 | Identification of estrogen response element in the aquaporin-2 gene that mediates estrogen-induced cell migration and invasion in human endometrial carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1399-408 | 5.6 | 52 |
| 257 | Hypoxia-inducible factor 1 alpha mediates epidermal growth factor-induced down-regulation of E-cadherin expression and cell invasion in human ovarian cancer cells. <i>Cancer Letters</i> , 2013 , 329, 197-206 | 9.9 | 50 |
| 256 | Gonadotropin-releasing hormone activates mitogen-activated protein kinase in human ovarian and placental cells. <i>Molecular and Cellular Endocrinology</i> , 2000 , 170, 143-51 | 4.4 | 50 |
| 255 | Regulation of human gonadotropin-releasing hormone receptor gene expression in placental cells. <i>Endocrinology</i> , 2000 , 141, 2340-9 | 4.8 | 49 |
| 254 | Estrogen receptor alpha pathway is involved in leptin-induced ovarian cancer cell growth. <i>Carcinogenesis</i> , 2011 , 32, 589-96 | 4.6 | 48 |
| 253 | Transcriptional down-regulation of human gonadotropin-releasing hormone (GnRH) receptor gene by GnRH: role of protein kinase C and activating protein 1. <i>Endocrinology</i> , 2000 , 141, 3611-22 | 4.8 | 48 |
| 252 | Cellular localization of gonadotropin-releasing hormone (GnRH) I and GnRH II in first-trimester human placenta and decidua. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 1459-66 | 5.6 | 47 |
| 251 | TGF- β induces COX-2 expression and PGE2 production in human granulosa cells through Smad signaling pathways. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1217-26 | 5.6 | 46 |
| 250 | TGF- β downregulates StAR expression and decreases progesterone production through Smad3 and ERK1/2 signaling pathways in human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2234-43 | 5.6 | 46 |
| 249 | Adjuvant treatment strategies in ovarian stimulation for poor responders undergoing IVF: a systematic review and network meta-analysis. <i>Human Reproduction Update</i> , 2020 , 26, 247-263 | 15.8 | 46 |
| 248 | Androgens positively regulate follicle-stimulating hormone beta-subunit mRNA levels in rat pituitary cells. <i>Molecular Endocrinology</i> , 1990 , 4, 1620-6 | | 45 |
| 247 | Effects of growth differentiation factor 8 on steroidogenesis in human granulosa-lutein cells. <i>Fertility and Sterility</i> , 2016 , 105, 520-8 | 4.8 | 44 |
| 246 | EGF-like growth factors induce COX-2-derived PGE2 production through ERK1/2 in human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4932-41 | 5.6 | 44 |
| 245 | Effects of recombinant activins on steroidogenesis in human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1922-32 | 5.6 | 44 |
| 244 | Regulatory effects of gonadotropin-releasing hormone (GnRH) I and GnRH II on the levels of matrix metalloproteinase (MMP)-2, MMP-9, and tissue inhibitor of metalloproteinases-1 in primary cultures of human extravillous cytotrophoblasts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4781-90 | 5.6 | 44 |
| 243 | Neurotrophins and glial cell line-derived neurotrophic factor in the ovary: physiological and pathophysiological implications. <i>Human Reproduction Update</i> , 2019 , 25, 224-242 | 15.8 | 44 |

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| 242 | Transforming growth factor- β up-regulates connexin43 expression in human granulosa cells. <i>Human Reproduction</i> , 2015 , 30, 2190-201 | 5.7 | 43 |
| 241 | Differential effects of gonadotropin-releasing hormone I and II on the urokinase-type plasminogen activator/plasminogen activator inhibitor system in human decidual stromal cells in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3806-15 | 5.6 | 43 |
| 240 | Extracellular signal-regulated protein kinase, but not c-Jun N-terminal kinase, is activated by type II gonadotropin-releasing hormone involved in the inhibition of ovarian cancer cell proliferation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 1670-7 | 5.6 | 43 |
| 239 | Activin A, B, and AB increase human trophoblast cell invasion by up-regulating N-cadherin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2216-25 | 5.6 | 42 |
| 238 | Cell motility and spreading are suppressed by HOXA4 in ovarian cancer cells: possible involvement of beta1 integrin. <i>Molecular Cancer Research</i> , 2009 , 7, 1425-37 | 6.6 | 41 |
| 237 | Promotion of human trophoblasts invasion by gonadotropin-releasing hormone (GnRH) I and GnRH II via distinct signaling pathways. <i>Molecular Endocrinology</i> , 2009 , 23, 1014-21 | | 41 |
| 236 | Auto/paracrine role of prostaglandins in corpus luteum function. <i>Molecular and Cellular Endocrinology</i> , 1994 , 100, 87-91 | 4.4 | 41 |
| 235 | Multiple roles of the candidate oncogene ZNF217 in ovarian epithelial neoplastic progression. <i>International Journal of Cancer</i> , 2007 , 120, 1863-73 | 7.5 | 40 |
| 234 | Stimulation of mitogen-activated protein kinase by gonadotropin-releasing hormone in human granulosa-luteal cells. <i>Endocrinology</i> , 2001 , 142, 671-9 | 4.8 | 40 |
| 233 | Expression of calbindin-D9k in the early pregnant rat uterus: effects of RU 486 and correlation to estrogen receptor mRNA. <i>Molecular and Cellular Endocrinology</i> , 1994 , 102, 15-22 | 4.4 | 40 |
| 232 | TGF-beta induces serous borderline ovarian tumor cell invasion by activating EMT but triggers apoptosis in low-grade serous ovarian carcinoma cells. <i>PLoS ONE</i> , 2012 , 7, e42436 | 3.7 | 40 |
| 231 | Differential effects of interleukin-1beta and transforming growth factor-beta1 on the expression of the inflammation-associated protein, ADAMTS-1, in human decidual stromal cells in vitro. <i>Human Reproduction</i> , 2006 , 21, 1990-9 | 5.7 | 39 |
| 230 | Activin A Increases Human Trophoblast Invasion by Inducing SNAIL-Mediated MMP2 Up-Regulation Through ALK4. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1415-27 | 5.6 | 38 |
| 229 | Twist modulates human trophoblastic cell invasion via regulation of N-cadherin. <i>Endocrinology</i> , 2012 , 153, 925-36 | 4.8 | 37 |
| 228 | The regulation of apoptosis by activin and transforming growth factor-beta in early neoplastic and tumorigenic ovarian surface epithelium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 2125-35 | 5.6 | 37 |
| 227 | Hormonal regulation of estrogen receptor alpha and beta gene expression in human granulosa-luteal cells in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3828-39 | 5.6 | 36 |
| 226 | Gonadotropins induce tumor cell migration and invasion by increasing cyclooxygenases expression and prostaglandin E(2) production in human ovarian cancer cells. <i>Endocrinology</i> , 2010 , 151, 2985-93 | 4.8 | 35 |
| 225 | Expression of the messenger RNA for gonadotropin-releasing hormone and its receptor in human cancer cell lines. <i>Life Sciences</i> , 1998 , 62, 2015-23 | 6.8 | 35 |

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| 224 | Gonadotropin-releasing hormone and ovarian cancer: a functional and mechanistic overview. <i>FEBS Journal</i> , 2008 , 275, 5496-511 | 5.7 | 35 |
| 223 | Adenosine triphosphate activates mitogen-activated protein kinase in human granulosa-luteal cells. <i>Endocrinology</i> , 2001 , 142, 1554-60 | 4.8 | 35 |
| 222 | Role of mitogen-activated protein kinase in prostaglandin f(2alpha) action in human granulosa-luteal cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 375-80 | 5.6 | 34 |
| 221 | Oct-1 is involved in the transcriptional repression of the gonadotropin-releasing hormone receptor gene. <i>Endocrinology</i> , 2002 , 143, 4693-701 | 4.8 | 34 |
| 220 | Estradiol Up-Regulates Antiapoptotic Bcl-2 Messenger Ribonucleic Acid and Protein in Tumorigenic Ovarian Surface Epithelium Cells | | 34 |
| 219 | Effects of epidermal growth factor/hydrocortisone on the growth and differentiation of human ovarian surface epithelium. <i>Journal of the Society for Gynecologic Investigation</i> , 2004 , 11, 241-51 | | 33 |
| 218 | Autocrine role of gonadotropin-releasing hormone and its receptor in ovarian cancer cell growth. <i>Endocrine</i> , 2000 , 13, 297-304 | | 33 |
| 217 | TGF- β up-regulates connexin43 expression: a potential mechanism for human trophoblast cell differentiation. <i>Journal of Cellular Physiology</i> , 2015 , 230, 1558-66 | 7 | 32 |
| 216 | Growth differentiation factor 8 suppresses cell proliferation by up-regulating CTGF expression in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 422, 9-17 | 4.4 | 32 |
| 215 | Influence of the prodrugs 5-fluorocytosine and CPT-11 on ovarian cancer cells using genetically engineered stem cells: tumor-tropic potential and inhibition of ovarian cancer cell growth. <i>Cancer Science</i> , 2010 , 101, 955-62 | 6.9 | 32 |
| 214 | Dose-dependent effects of gonadotropin releasing hormone on matrix metalloproteinase (MMP)-2, and MMP-9 and tissue specific inhibitor of metalloproteinases-1 messenger ribonucleic acid levels in human decidual Stromal cells in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 680-8 | 5.6 | 32 |
| 213 | Differential expression of activin/inhibin subunit and activin receptor mRNAs in normal and neoplastic ovarian surface epithelium (OSE). <i>Molecular and Cellular Endocrinology</i> , 2001 , 174, 99-110 | 4.4 | 32 |
| 212 | Stimulation of phosphatidic acid and phosphatidylinositol labeling in luteal cells by luteinizing hormone releasing hormone. <i>Endocrinology</i> , 1983 , 112, 1138-40 | 4.8 | 32 |
| 211 | Calbindin-D9k gene expression during the perinatal period in the rat: correlation to estrogen receptor expression in uterus. <i>Molecular and Cellular Endocrinology</i> , 1993 , 97, 61-9 | 4.4 | 31 |
| 210 | TGF- β Up-Regulates Connective Tissue Growth Factor Expression in Human Granulosa Cells through Smad and ERK1/2 Signaling Pathways. <i>PLoS ONE</i> , 2015 , 10, e0126532 | 3.7 | 31 |
| 209 | Long noncoding RNA HCP5 participates in premature ovarian insufficiency by transcriptionally regulating MSH5 and DNA damage repair via YB1. <i>Nucleic Acids Research</i> , 2020 , 48, 4480-4491 | 20.1 | 30 |
| 208 | Growth differentiation factor 8 down-regulates pentraxin 3 in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 404, 82-90 | 4.4 | 30 |
| 207 | Gonadotropin-releasing hormones I and II induce apoptosis in human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3179-85 | 5.6 | 30 |

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|-----|---|-----|----|
| 206 | Molecular cloning of the full-length cDNA encoding the human calbindin-D9k. <i>FEBS Letters</i> , 1992 , 307, 224-8 | 3.8 | 30 |
| 205 | Type II gonadotropin-releasing hormone stimulates p38 mitogen-activated protein kinase and apoptosis in ovarian cancer cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3020-6 | 5.6 | 29 |
| 204 | Functional mapping of a placenta-specific upstream promoter for human gonadotropin-releasing hormone receptor gene. <i>Endocrinology</i> , 2001 , 142, 1506-16 | 4.8 | 29 |
| 203 | AP-1 Transcription Factors c-FOS and c-JUN Mediate GnRH-Induced Cadherin-11 Expression and Trophoblast Cell Invasion. <i>Endocrinology</i> , 2015 , 156, 2269-77 | 4.8 | 28 |
| 202 | Recombinant BMP4 and BMP7 downregulate pentraxin 3 in human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E365-74 | 5.6 | 28 |
| 201 | Bone morphogenetic protein 2 promotes human trophoblast cell invasion by upregulating N-cadherin via non-canonical SMAD2/3 signaling. <i>Cell Death and Disease</i> , 2018 , 9, 174 | 9.8 | 28 |
| 200 | Transforming growth factor- β increases lysyl oxidase expression by downregulating MIR29A in human granulosa lutein cells. <i>Reproduction</i> , 2016 , 152, 205-13 | 3.8 | 28 |
| 199 | GnRH regulates trophoblast invasion via RUNX2-mediated MMP2/9 expression. <i>Molecular Human Reproduction</i> , 2016 , 22, 119-29 | 4.4 | 28 |
| 198 | Differential regulation of gonadotropin-releasing hormone (GnRH)I and GnRHII messenger ribonucleic acid by gonadal steroids in human granulosa luteal cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 663-72 | 5.6 | 28 |
| 197 | The role of inositol lipid metabolism in the ovary. <i>Biology of Reproduction</i> , 1989 , 40, 703-8 | 3.9 | 28 |
| 196 | Electrical stimulation of mesencephalic noradrenergic pathway: effects on luteinizing hormone levels in blood of ovariectomized and ovariectomized, steroid-primed rats. <i>Endocrinology</i> , 1981 , 109, 720-8 | 4.8 | 28 |
| 195 | Theca-derived BMP4 and BMP7 down-regulate connexin43 expression and decrease gap junction intercellular communication activity in immortalized human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E437-45 | 5.6 | 27 |
| 194 | Growth differentiation factor 9 enhances activin a-induced inhibin B production in human granulosa cells. <i>Endocrinology</i> , 2009 , 150, 3540-6 | 4.8 | 27 |
| 193 | Expression and function of HOXA genes in normal and neoplastic ovarian epithelial cells. <i>Differentiation</i> , 2009 , 77, 162-71 | 3.5 | 27 |
| 192 | Porcine calbindin-D9k gene: expression in endometrium, myometrium, and placenta in the absence of a functional estrogen response element in intron A. <i>Biology of Reproduction</i> , 1995 , 52, 115-23 | 3.9 | 27 |
| 191 | Luteinizing hormone-releasing hormone enhances polyphosphoinositide breakdown in rat granulosa cells. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 130, 1201-8 | 3.4 | 27 |
| 190 | A mechanism for the intraovarian inhibitory action of estrogen on androgen production. <i>Biology of Reproduction</i> , 1979 , 21, 1035-42 | 3.9 | 27 |
| 189 | Recombinant BMP4 and BMP7 increase activin A production by up-regulating inhibin β subunit and furin expression in human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E375-86 | 5.6 | 26 |

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|-----|--|------|----|
| 188 | BMP4 and BMP7 Suppress StAR and Progesterone Production via ALK3 and SMAD1/5/8-SMAD4 in Human Granulosa-Lutein Cells. <i>Endocrinology</i> , 2015 , 156, 4269-80 | 4.8 | 26 |
| 187 | Expression and regulation of P2U-purinergic receptor in human granulosa-luteal cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1591-7 | 5.6 | 26 |
| 186 | Changes in cytosolic free calcium ion concentrations in individual rat granulosa cells: effect of luteinizing hormone-releasing hormone. <i>Endocrinology</i> , 1989 , 124, 1912-7 | 4.8 | 26 |
| 185 | Decreased PECAM1-mediated TGF- β expression in the mid-secretory endometrium in women with recurrent implantation failure. <i>Human Reproduction</i> , 2018 , 33, 832-843 | 5.7 | 25 |
| 184 | TGF- β Inhibits Human Trophoblast Cell Invasion by Upregulating Connective Tissue Growth Factor Expression. <i>Endocrinology</i> , 2017 , 158, 3620-3628 | 4.8 | 25 |
| 183 | Wild-type p53 attenuates cancer cell motility by inducing growth differentiation factor-15 expression. <i>Endocrinology</i> , 2011 , 152, 2987-95 | 4.8 | 25 |
| 182 | Oviductal glycoprotein (OVGP1, MUC9): a differentiation-based mucin present in serum of women with ovarian cancer. <i>International Journal of Gynecological Cancer</i> , 2010 , 20, 16-22 | 3.5 | 25 |
| 181 | Role of arachidonic acid in luteinizing hormone-releasing hormone action: stimulation of progesterone production in rat granulosa cells. <i>Endocrinology</i> , 1988 , 122, 906-11 | 4.8 | 25 |
| 180 | Connective tissue growth factor mediates growth differentiation factor 8-induced increase of lysyl oxidase activity in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 434, 186-98 | 4.4 | 25 |
| 179 | Vascular Endothelial Growth Factor-A (VEGF-A) Mediates Activin A-Induced Human Trophoblast Endothelial-Like Tube Formation. <i>Endocrinology</i> , 2015 , 156, 4257-68 | 4.8 | 24 |
| 178 | Homeobox A7 stimulates breast cancer cell proliferation by up-regulating estrogen receptor-alpha. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 652-7 | 3.4 | 24 |
| 177 | HOXA7 in epithelial ovarian cancer: interrelationships between differentiation and clinical features. <i>Reproductive Sciences</i> , 2007 , 14, 605-14 | 3 | 24 |
| 176 | Gonadotropin-releasing hormone and reproductive medicine. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2003 , 25, 98-113 | 1.3 | 24 |
| 175 | Differential role of progesterone receptor isoforms in the transcriptional regulation of human gonadotropin-releasing hormone I (GnRH I) receptor, GnRH I, and GnRH II. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 1106-13 | 5.6 | 24 |
| 174 | Gonadotropin-releasing hormone regulates human trophoblastic cell invasion via TWIST-induced N-cadherin expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E19-29 | 5.6 | 23 |
| 173 | Growth differentiation factor 9 reverses activin A suppression of steroidogenic acute regulatory protein expression and progesterone production in human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E172-80 | 5.6 | 23 |
| 172 | An activator protein 1-like motif mediates 17beta-estradiol repression of gonadotropin-releasing hormone receptor promoter via an estrogen receptor alpha-dependent mechanism in ovarian and breast cancer cells. <i>Molecular Endocrinology</i> , 2003 , 17, 2613-29 | | 23 |
| 171 | Caspase-1alpha is down-regulated in human ovarian cancer cells and the overexpression of caspase-1alpha induces apoptosis. <i>Cancer Research</i> , 2005 , 65, 8591-6 | 10.1 | 23 |

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| 170 | Intracellular calcium mobilization in response to the activation of human wild-type and chimeric gonadotropin receptors. <i>Endocrinology</i> , 2002 , 143, 1732-40 | 4.8 | 23 |
| 169 | Mechanisms of gonadotropin-releasing hormone and prostaglandin action on luteal cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 1985 , 63, 249-56 | 2.4 | 23 |
| 168 | Transforming growth factor- β stimulates human ovarian cancer cell migration by up-regulating connexin43 expression via Smad2/3 signaling. <i>Cellular Signalling</i> , 2015 , 27, 1956-62 | 4.9 | 22 |
| 167 | Steroid receptor coactivator-3 is required for progesterone receptor trans-activation of target genes in response to gonadotropin-releasing hormone treatment of pituitary cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 20817-20824 | 5.4 | 22 |
| 166 | Differential expression of human gonadotropin-releasing hormone receptor gene in pituitary and ovarian cells. <i>Molecular and Cellular Endocrinology</i> , 2000 , 162, 157-66 | 4.4 | 22 |
| 165 | Sphingosine-1-phosphate induces COX-2 expression and PGE2 production in human granulosa cells through a S1P1/3-mediated YAP signaling. <i>Cellular Signalling</i> , 2016 , 28, 643-51 | 4.9 | 21 |
| 164 | G546A polymorphism of growth differentiation factor-9 contributes to the poor outcome of ovarian stimulation in women with diminished ovarian reserve. <i>Fertility and Sterility</i> , 2010 , 94, 2490-2 | 4.8 | 21 |
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