

Artur Mayerhofer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6887634/artur-mayerhofer-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

196
papers

5,830
citations

40
h-index

64
g-index

208
ext. papers

6,434
ext. citations

4.6
avg, IF

5.35
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 196 | Age-Related Alterations in the Testicular Proteome of a Non-Human Primate. <i>Cells</i> , 2021 , 10, | 7.9 | 1 |
| 195 | Testicular adenosine acts as a pro-inflammatory molecule: role of testicular peritubular cells. <i>Molecular Human Reproduction</i> , 2021 , 27, | 4.4 | 3 |
| 194 | A rapid and robust method for the cryopreservation of human granulosa cells. <i>Histochemistry and Cell Biology</i> , 2021 , 156, 509-517 | 2.4 | 0 |
| 193 | Huperzine-A administration recovers rat ovary function after sympathetic stress. <i>Journal of Neuroendocrinology</i> , 2021 , 33, e12914 | 3.8 | 2 |
| 192 | ATP activation of peritubular cells drives testicular sperm transport. <i>ELife</i> , 2021 , 10, | 8.9 | 8 |
| 191 | MALDI-IMS combined with shotgun proteomics identify and localize new factors in male infertility. <i>Life Science Alliance</i> , 2021 , 4, | 5.8 | 2 |
| 190 | The role of resveratrol, Sirtuin1 and RXRs prognostic markers in ovarian cancer. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 1 | 2.5 | |
| 189 | Sirtuin1 expression and survival in endometrial and clear-cell uterine cancer. <i>Histochemistry and Cell Biology</i> , 2020 , 154, 189-195 | 2.4 | 2 |
| 188 | The Glucocorticoid Receptor NR3C1 in Testicular Peritubular Cells is Developmentally Regulated and Linked to the Smooth Muscle-Like Cellular Phenotype. <i>Journal of Clinical Medicine</i> , 2020 , 9, | 5.1 | 4 |
| 187 | A translational cellular model for the study of peritubular cells of the testis. <i>Reproduction</i> , 2020 , 160, 259-268 | 3.8 | 2 |
| 186 | Proteomic Insights into Senescence of Testicular Peritubular Cells from a Nonhuman Primate Model. <i>Cells</i> , 2020 , 9, | 7.9 | 4 |
| 185 | Filamin A Orchestrates Cytoskeletal Structure, Cell Migration and Stem Cell Characteristics in Human Seminoma TCam-2 Cells. <i>Cells</i> , 2020 , 9, | 7.9 | 3 |
| 184 | Peritubular cells of the human testis: prostaglandin E and more. <i>Andrology</i> , 2020 , 8, 898-902 | 4.2 | 8 |
| 183 | Insights into replicative senescence of human testicular peritubular cells. <i>Scientific Reports</i> , 2019 , 9, 150529 | 4.9 | 15 |
| 182 | Adrenergic receptors in the up-regulation of COX2 expression and prostaglandin production in testicular macrophages: Possible relevance to male idiopathic infertility. <i>Molecular and Cellular Endocrinology</i> , 2019 , 498, 110545 | 4.4 | 4 |
| 181 | The NADPH oxidase 4 is a major source of hydrogen peroxide in human granulosa-lutein and granulosa tumor cells. <i>Scientific Reports</i> , 2019 , 9, 3585 | 4.9 | 13 |
| 180 | Signal Peptide Peptidase-Like 2c (SPPL2c) impairs vesicular transport and cleavage of SNARE proteins. <i>EMBO Reports</i> , 2019 , 20, | 6.5 | 12 |

| | | | |
|-----|--|------|----|
| 179 | The intramembrane protease SPPL2c promotes male germ cell development by cleaving phospholamban. <i>EMBO Reports</i> , 2019 , 20, | 6.5 | 10 |
| 178 | Inhibitor of apoptosis proteins are potential targets for treatment of granulosa cell tumors - implications from studies in KGN. <i>Journal of Ovarian Research</i> , 2019 , 12, 76 | 5.5 | 5 |
| 177 | Aging in the Syrian hamster testis: Inflammatory-oxidative status and the impact of photoperiod. <i>Experimental Gerontology</i> , 2019 , 124, 110649 | 4.5 | 8 |
| 176 | Human Luteinized Granulosa Cells-A Cellular Model for the Human Corpus Luteum. <i>Frontiers in Endocrinology</i> , 2019 , 10, 452 | 5.7 | 4 |
| 175 | A Role for HO and TRPM2 in the Induction of Cell Death: Studies in KGN Cells. <i>Antioxidants</i> , 2019 , 8, | 7.1 | 4 |
| 174 | Role of ovarian sympathetic nerves and cholinergic local system during cold stress. <i>Journal of Endocrinology</i> , 2019 , 242, 115-124 | 4.7 | 4 |
| 173 | Necroptosis in primate luteolysis: a role for ceramide. <i>Cell Death Discovery</i> , 2019 , 5, 67 | 6.9 | 9 |
| 172 | Acetylcholine and necroptosis are players in follicular development in primates. <i>Scientific Reports</i> , 2018 , 8, 6166 | 4.9 | 12 |
| 171 | Neuropeptide and steroid hormone mediators of neuroendocrine regulation. <i>Journal of Neuroendocrinology</i> , 2018 , 30, e12599 | 3.8 | 5 |
| 170 | ATP-mediated Events in Peritubular Cells Contribute to Sterile Testicular Inflammation. <i>Scientific Reports</i> , 2018 , 8, 1431 | 4.9 | 16 |
| 169 | Prostaglandin E (PGE) is a testicular peritubular cell-derived factor involved in human testicular homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2018 , 473, 217-224 | 4.4 | 9 |
| 168 | Alpha 1 adrenergic receptor-mediated inflammatory responses in human testicular peritubular cells. <i>Molecular and Cellular Endocrinology</i> , 2018 , 474, 1-9 | 4.4 | 7 |
| 167 | Hydroxysteroid (17 β)dehydrogenase 1 expressed by Sertoli cells contributes to steroid synthesis and is required for male fertility. <i>FASEB Journal</i> , 2018 , 32, 3229-3241 | 0.9 | 8 |
| 166 | Insights into the role of androgen receptor in human testicular peritubular cells. <i>Andrology</i> , 2018 , 6, 756-765 | 7.65 | 13 |
| 165 | NLRP3 in somatic non-immune cells of rodent and primate testes. <i>Reproduction</i> , 2018 , 156, 231-238 | 3.8 | 13 |
| 164 | Next-generation teaching of microscopic anatomy based on a comprehensive collection of high-resolution, three-dimensional (3D), focusable histologic virtual slides. <i>FASEB Journal</i> , 2018 , 32, lb512 ^{9,9} | | |
| 163 | Human testicular peritubular cells, mast cells and testicular inflammation. <i>Andrologia</i> , 2018 , 50, e13055 | 2.4 | 15 |
| 162 | Ca Signaling and IL-8 Secretion in Human Testicular Peritubular Cells Involve the Cation Channel TRPV2. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 8 |

| | | | |
|-----|--|-----|----|
| 161 | Characterization of a non-human primate model for the study of testicular peritubular cells-comparison with human testicular peritubular cells. <i>Molecular Human Reproduction</i> , 2018 , 24, 401-410 | 4.4 | 7 |
| 160 | L-DOPA in the human ovarian follicular fluid acts as an antioxidant factor on granulosa cells. <i>Journal of Ovarian Research</i> , 2016 , 9, 62 | 5.5 | 7 |
| 159 | In vivo blockade of acetylcholinesterase increases intraovarian acetylcholine and enhances follicular development and fertility in the rat. <i>Scientific Reports</i> , 2016 , 6, 30129 | 4.9 | 21 |
| 158 | Reactive oxygen species (ROS) production triggered by prostaglandin D2 (PGD2) regulates lactate dehydrogenase (LDH) expression/activity in TM4 Sertoli cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 434, 154-65 | 4.4 | 29 |
| 157 | The Rapamycin-Sensitive Complex of Mammalian Target of Rapamycin Is Essential to Maintain Male Fertility. <i>American Journal of Pathology</i> , 2016 , 186, 324-36 | 5.8 | 16 |
| 156 | Sterile inflammation as a factor in human male infertility: Involvement of Toll like receptor 2, biglycan and peritubular cells. <i>Scientific Reports</i> , 2016 , 6, 37128 | 4.9 | 28 |
| 155 | Cyclooxygenase and prostaglandins in somatic cell populations of the testis. <i>Reproduction</i> , 2015 , 149, R169-80 | 3.8 | 45 |
| 154 | Pro-nerve growth factor in the ovary and human granulosa cells. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2015 , 24, 91-9 | 1.3 | 4 |
| 153 | Readthrough acetylcholinesterase (AChE-R) and regulated necrosis: pharmacological targets for the regulation of ovarian functions?. <i>Cell Death and Disease</i> , 2015 , 6, e1685 | 9.8 | 32 |
| 152 | Human testicular peritubular cells secrete pigment epithelium-derived factor (PEDF), which may be responsible for the avascularity of the seminiferous tubules. <i>Scientific Reports</i> , 2015 , 5, 12820 | 4.9 | 15 |
| 151 | Expression of the beta-2 adrenergic receptor (ADRB-2) in human and monkey ovarian follicles: a marker of growing follicles?. <i>Journal of Ovarian Research</i> , 2015 , 8, 8 | 5.5 | 14 |
| 150 | Dopamine in human follicular fluid is associated with cellular uptake and metabolism-dependent generation of reactive oxygen species in granulosa cells: implications for physiology and pathology. <i>Human Reproduction</i> , 2014 , 29, 555-67 | 5.7 | 24 |
| 149 | Secretome analysis of testicular peritubular cells: a window into the human testicular microenvironment and the spermatogonial stem cell niche in man. <i>Journal of Proteome Research</i> , 2014 , 13, 1259-69 | 5.6 | 39 |
| 148 | Pigment-Epithelium Derived Factor (PEDF) and the human ovary: a role in the generation of ROS in granulosa cells. <i>Life Sciences</i> , 2014 , 97, 129-36 | 6.8 | 22 |
| 147 | Melatonin in testes of infertile men: evidence for anti-proliferative and anti-oxidant effects on local macrophage and mast cell populations. <i>Andrology</i> , 2014 , 2, 436-49 | 4.2 | 37 |
| 146 | Expression of the oestrogen receptor GPER by testicular peritubular cells is linked to sexual maturation and male fertility. <i>Andrology</i> , 2014 , 2, 695-701 | 4.2 | 20 |
| 145 | Maternal sympathetic stress impairs follicular development and puberty of the offspring. <i>Reproduction</i> , 2014 , 148, 137-45 | 3.8 | 21 |
| 144 | The G-protein-coupled estrogen receptor (GPER/GPR30) in ovarian granulosa cell tumors. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 15161-72 | 6.3 | 22 |

| | | | |
|-----|--|-----|----|
| 143 | Human testicular peritubular cells host putative stem Leydig cells with steroidogenic capacity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1227-35 | 5.6 | 41 |
| 142 | Are testicular mast cells involved in the regulation of germ cells in man?. <i>Andrology</i> , 2014 , 2, 615-22 | 4.2 | 18 |
| 141 | Angiotensin II regulates testicular peritubular cell function via AT1 receptor: a specific situation in male infertility. <i>Molecular and Cellular Endocrinology</i> , 2014 , 393, 171-8 | 4.4 | 23 |
| 140 | The Ca ²⁺ -activated, large conductance K ⁺ -channel (BKCa) is a player in the LH/hCG signaling cascade in testicular Leydig cells. <i>Molecular and Cellular Endocrinology</i> , 2013 , 367, 41-9 | 4.4 | 9 |
| 139 | Human testicular peritubular cells: more than meets the eye. <i>Reproduction</i> , 2013 , 145, R107-16 | 3.8 | 87 |
| 138 | Partial loss of contractile marker proteins in human testicular peritubular cells in infertility patients. <i>Andrology</i> , 2013 , 1, 318-24 | 4.2 | 32 |
| 137 | High levels of the extracellular matrix proteoglycan decorin are associated with inhibition of testicular function. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 550-61 | | 24 |
| 136 | Evidence for an adaptation in ROS scavenging systems in human testicular peritubular cells from infertility patients. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 793-801 | | 23 |
| 135 | Decorin is a part of the ovarian extracellular matrix in primates and may act as a signaling molecule. <i>Human Reproduction</i> , 2012 , 27, 3249-58 | 5.7 | 19 |
| 134 | Peritubular myoid cells have a role in postnatal testicular growth. <i>Spermatogenesis</i> , 2012 , 2, 79-87 | | 27 |
| 133 | Norepinephrine, active norepinephrine transporter, and norepinephrine-metabolism are involved in the generation of reactive oxygen species in human ovarian granulosa cells. <i>Endocrinology</i> , 2012 , 153, 1472-83 | 4.8 | 38 |
| 132 | Mast cells in human testicular biopsies from patients with mixed atrophy: increased numbers, heterogeneity, and expression of cyclooxygenase 2 and prostaglandin D2 synthase. <i>Fertility and Sterility</i> , 2011 , 96, 309-13 | 4.8 | 41 |
| 131 | Human tryptase cleaves pro-nerve growth factor (pro-NGF): hints of local, mast cell-dependent regulation of NGF/pro-NGF action. <i>Journal of Biological Chemistry</i> , 2011 , 286, 31707-13 | 5.4 | 27 |
| 130 | Mast cell tryptase stimulates production of decorin by human testicular peritubular cells: possible role of decorin in male infertility by interfering with growth factor signaling. <i>Human Reproduction</i> , 2011 , 26, 2613-25 | 5.7 | 42 |
| 129 | Connexin expression by human granulosa cell tumors: Identification of connexin 32 as a tumor signature. <i>Cancer Biomarkers</i> , 2010 , 8, 137-44 | 3.8 | 3 |
| 128 | 15-Deoxy-delta 12-14-prostaglandin-J2 induces hypertrophy and loss of contractility in human testicular peritubular cells: implications for human male fertility. <i>Endocrinology</i> , 2010 , 151, 1257-68 | 4.8 | 52 |
| 127 | Oxytocin receptors in the primate ovary: molecular identity and link to apoptosis in human granulosa cells. <i>Human Reproduction</i> , 2010 , 25, 969-76 | 5.7 | 26 |
| 126 | Glial cell line-derived neurotrophic factor is constitutively produced by human testicular peritubular cells and may contribute to the spermatogonial stem cell niche in man. <i>Human Reproduction</i> , 2010 , 25, 2181-7 | 5.7 | 72 |

| | | | |
|-----|---|-----|----|
| 125 | Cyclooxygenase-2 in testes of infertile men: evidence for the induction of prostaglandin synthesis by interleukin-1□ <i>Fertility and Sterility</i> , 2010 , 94, 1933-6 | 4.8 | 33 |
| 124 | Accelerated stem cell labeling with ferucarbotran and protamine. <i>European Radiology</i> , 2010 , 20, 640-8 | 8 | 19 |
| 123 | Testosterone induction of prostaglandin-endoperoxide synthase 2 expression and prostaglandin F(2alpha) production in hamster Leydig cells. <i>Reproduction</i> , 2009 , 138, 163-75 | 3.8 | 17 |
| 122 | Increased exposure to estrogens disturbs maturation, steroidogenesis, and cholesterol homeostasis via estrogen receptor alpha in adult mouse Leydig cells. <i>Endocrinology</i> , 2009 , 150, 2865-72 | 4.8 | 59 |
| 121 | Excessive ovarian production of nerve growth factor facilitates development of cystic ovarian morphology in mice and is a feature of polycystic ovarian syndrome in humans. <i>Endocrinology</i> , 2009 , 150, 2906-14 | 4.8 | 79 |
| 120 | Identification and characterization of Ca ²⁺ -activated K ⁺ channels in granulosa cells of the human ovary. <i>Reproductive Biology and Endocrinology</i> , 2009 , 7, 28 | 5 | 8 |
| 119 | Catecholamine uptake, storage, and regulated release by ovarian granulosa cells. <i>Endocrinology</i> , 2008 , 149, 4988-96 | 4.8 | 33 |
| 118 | Exploring human testicular peritubular cells: identification of secretory products and regulation by tumor necrosis factor-alpha. <i>Endocrinology</i> , 2008 , 149, 1678-86 | 4.8 | 76 |
| 117 | Ion Channels of Human Ovarian Cells: Identification, Regulation and Insights into their Function.. <i>Biology of Reproduction</i> , 2008 , 78, 88-88 | 3.9 | |
| 116 | Human Granulosa Cells Exhibit a Variety of Calcium-dependent Ion Channel Families.. <i>Biology of Reproduction</i> , 2008 , 78, 211-211 | 3.9 | 0 |
| 115 | Dopamine receptor repertoire of human granulosa cells. <i>Reproductive Biology and Endocrinology</i> , 2007 , 5, 40 | 5 | 25 |
| 114 | Protease activated receptor 2 and epidermal growth factor receptor are involved in the regulation of human sperm motility. <i>Asian Journal of Andrology</i> , 2007 , 9, 690-6 | 2.8 | 7 |
| 113 | Physiologie der Ejakulation. <i>Der Urologe</i> , 2007 , 46, 1058-1058 | | |
| 112 | Ionizing radiation induces degranulation of human mast cells and release of tryptase. <i>International Journal of Radiation Biology</i> , 2007 , 83, 535-41 | 2.9 | 24 |
| 111 | A prostaglandin D2 system in the human testis. <i>Fertility and Sterility</i> , 2007 , 88, 233-6 | 4.8 | 38 |
| 110 | Ovarian acetylcholine and ovarian KCNQ channels: insights into cellular regulatory systems of steroidogenic granulosa cells. <i>Life Sciences</i> , 2007 , 80, 2195-8 | 6.8 | 10 |
| 109 | Neuronal Signaling Molecules and Leydig Cells 2007 , 291-304 | | 4 |
| 108 | Voltage-dependent K ⁺ channel acts as sex steroid sensor in endocrine cells of the human ovary. <i>Journal of Cellular Physiology</i> , 2006 , 206, 167-74 | 7 | 18 |

| | | | |
|-----|---|------|-----|
| 107 | The adenosine 5Rtriphosphate-sensitive potassium channel in endocrine cells of the human ovary: role in membrane potential generation and steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 1950-5 | 5.6 | 9 |
| 106 | Isolation and cultivation of human testicular peritubular cells: a new model for the investigation of fibrotic processes in the human testis and male infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 1956-60 | 5.6 | 80 |
| 105 | Transgenic mice expressing p450 aromatase as a model for male infertility associated with chronic inflammation in the testis. <i>Endocrinology</i> , 2006 , 147, 1271-7 | 4.8 | 63 |
| 104 | Cyclooxygenase-2 and prostaglandin F2 alpha in Syrian hamster Leydig cells: Inhibitory role on luteinizing hormone/human chorionic gonadotropin-stimulated testosterone production. <i>Endocrinology</i> , 2006 , 147, 4476-85 | 4.8 | 50 |
| 103 | Ion channels of primate ovarian endocrine cells: identification and functional significance. <i>Expert Review of Endocrinology and Metabolism</i> , 2006 , 1, 549-555 | 4.1 | 4 |
| 102 | FSH regulates acetylcholine production by ovarian granulosa cells. <i>Reproductive Biology and Endocrinology</i> , 2006 , 4, 37 | 5 | 29 |
| 101 | Prostate-specific antigen as allergen in human seminal plasma allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 213-5 | 11.5 | 34 |
| 100 | Non-neuronal acetylcholine and choline acetyltransferase in oviductal epithelial cells of cyclic and pregnant pigs. <i>Anatomy and Embryology</i> , 2006 , 211, 685-90 | | 14 |
| 99 | Evidence for a histaminergic system in the human testis. <i>Fertility and Sterility</i> , 2005 , 83, 1060-3 | 4.8 | 37 |
| 98 | Tryptase inhibits motility of human spermatozoa mainly by activation of the mitogen-activated protein kinase pathway. <i>Human Reproduction</i> , 2005 , 20, 456-61 | 5.7 | 28 |
| 97 | Direct effect of melatonin on Syrian hamster testes: melatonin subtype 1a receptors, inhibition of androgen production, and interaction with the local corticotropin-releasing hormone system. <i>Endocrinology</i> , 2005 , 146, 1541-52 | 4.8 | 110 |
| 96 | A non-neuronal cholinergic system of the ovarian follicle. <i>Annals of Anatomy</i> , 2005 , 187, 521-8 | 2.9 | 32 |
| 95 | The action of the mast cell product tryptase on cyclooxygenase-2 (COX2) and subsequent fibroblast proliferation involves activation of the extracellular signal-regulated kinase isoforms 1 and 2 (erk1/2). <i>Cellular Signalling</i> , 2005 , 17, 525-33 | 4.9 | 43 |
| 94 | Divergent effects of the major mast cell products histamine, tryptase and TNF-alpha on human fibroblast behaviour. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 2867-76 | 10.3 | 27 |
| 93 | Insights into GABA receptor signalling in TM3 Leydig cells. <i>Neuroendocrinology</i> , 2005 , 81, 381-90 | 5.6 | 13 |
| 92 | Receptors and sites of synthesis and storage of gamma-aminobutyric acid in human pituitary glands and in growth hormone adenomas. <i>American Journal of Clinical Pathology</i> , 2005 , 124, 550-8 | 1.9 | 8 |
| 91 | Ovarian function and morphology after deletion of the DARPP-32 gene in mice. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2004 , 112, 451-7 | 2.3 | 8 |
| 90 | Two types of calcium channels in human ovarian endocrine cells: involvement in steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 4503-12 | 5.6 | 28 |

| | | | |
|----|--|------|-----|
| 89 | Development and evaluation of a skin organ model for the analysis of radiation effects. <i>Strahlentherapie Und Onkologie</i> , 2004 , 180, 102-8 | 4.3 | 14 |
| 88 | Stimulation of TM3 Leydig cell proliferation via GABA(A) receptors: a new role for testicular GABA. <i>Reproductive Biology and Endocrinology</i> , 2004 , 2, 13 | 5 | 26 |
| 87 | Evidence for a GABAergic system in rodent and human testis: local GABA production and GABA receptors. <i>Neuroendocrinology</i> , 2003 , 77, 314-23 | 5.6 | 56 |
| 86 | Mast cell-sperm interaction: evidence for tryptase and proteinase-activated receptors in the regulation of sperm motility. <i>Human Reproduction</i> , 2003 , 18, 2519-24 | 5.7 | 21 |
| 85 | TNF-alpha induces apoptosis of parietal cells. <i>Biochemical Pharmacology</i> , 2003 , 65, 1755-60 | 6 | 25 |
| 84 | The expression and biological role of the non-neuronal cholinergic system in the ovary. <i>Life Sciences</i> , 2003 , 72, 2039-45 | 6.8 | 33 |
| 83 | Molecular and physiological evidence for functional gamma-aminobutyric acid (GABA)-C receptors in growth hormone-secreting cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 20192-5 | 5.4 | 24 |
| 82 | Helicobacter pylori induces apoptosis of rat gastric parietal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 283, G309-18 | 5.1 | 46 |
| 81 | Ovarian acetylcholine and muscarinic receptors: hints of a novel intrinsic ovarian regulatory system. <i>Microscopy Research and Technique</i> , 2002 , 59, 503-8 | 2.8 | 33 |
| 80 | Changes in sympathetic nerve activity of the mammalian ovary during a normal estrous cycle and in polycystic ovary syndrome: Studies on norepinephrine release. <i>Microscopy Research and Technique</i> , 2002 , 59, 495-502 | 2.8 | 99 |
| 79 | Proliferative action of mast-cell tryptase is mediated by PAR2, COX2, prostaglandins, and PPARgamma : Possible relevance to human fibrotic disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15072-7 | 11.5 | 205 |
| 78 | Ca ²⁺ -activated, large conductance K ⁺ channel in the ovary: identification, characterization, and functional involvement in steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 5566-74 | 5.6 | 40 |
| 77 | Muscarinic receptors in human luteinized granulosa cells: activation blocks gap junctions and induces the transcription factor early growth response factor-1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1362-7 | 5.6 | 38 |
| 76 | Protein kinase inhibitors modulate time-dependent effects of UV and ionizing irradiation on ICAM-1 expression on human hepatoma cells. <i>International Journal of Radiation Biology</i> , 2002 , 78, 577-83 ^{2.9} | | 16 |
| 75 | Development of an experimental ovarian tumor: immunocytochemical analysis. <i>European Journal of Endocrinology</i> , 2002 , 147, 387-95 | 6.5 | 4 |
| 74 | An autocrine role for pituitary GABA: activation of GABA-B receptors and regulation of growth hormone levels. <i>Neuroendocrinology</i> , 2002 , 76, 170-7 | 5.6 | 30 |
| 73 | Number, distribution pattern, and identification of macrophages in the testes of infertile men. <i>Fertility and Sterility</i> , 2002 , 78, 298-306 | 4.8 | 142 |
| 72 | Expression of muscarinic receptor types in the primate ovary and evidence for nonneuronal acetylcholine synthesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 349-54 | 5.6 | 61 |

| | | | |
|----|---|------|-----|
| 71 | Gamma-aminobutyric acid (GABA): a para- and/or autocrine hormone in the pituitary. <i>FASEB Journal</i> , 2001 , 15, 1089-91 | 0.9 | 45 |
| 70 | StAR protein is increased by muscarinic receptor activation in human luteinized granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2001 , 171, 49-51 | 4.4 | 17 |
| 69 | Gamma-aminobutyric acid (GABA): a para- and/or autocrine hormone in the pituitary. <i>FASEB Journal</i> , 2001 , 15, 1089-1091 | 0.9 | 3 |
| 68 | Identification of an ovarian voltage-activated Na ⁺ -channel type: hints to involvement in luteolysis. <i>Molecular Endocrinology</i> , 2000 , 14, 1064-74 | | 48 |
| 67 | Neuronal elements in the testis of the rhesus monkey: ontogeny, characterization and relationship to testicular cells. <i>Neuroendocrinology</i> , 2000 , 71, 43-50 | 5.6 | 36 |
| 66 | D1-Receptor, DARPP-32, and PP-1 in the primate corpus luteum and luteinized granulosa cells: evidence for phosphorylation of DARPP-32 by dopamine and human chorionic gonadotropin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4750-7 | 5.6 | 24 |
| 65 | Gap junction communication and connexin 43 gene expression in a rat granulosa cell line: regulation by follicle-stimulating hormone. <i>Biology of Reproduction</i> , 2000 , 63, 1661-8 | 3.9 | 77 |
| 64 | Synaptosome-associated protein of 25 kilodaltons in oocytes and steroid-producing cells of rat and human ovary: molecular analysis and regulation by gonadotropins. <i>Biology of Reproduction</i> , 2000 , 63, 643-50 | 3.9 | 37 |
| 63 | Human testicular mast cells contain tryptase: increased mast cell number and altered distribution in the testes of infertile men. <i>Fertility and Sterility</i> , 2000 , 74, 239-44 | 4.8 | 124 |
| 62 | Neurotrophins and the Ovulatory Process: A Role for NGF and trkA? 2000 , 167-174 | | 3 |
| 61 | Functional and molecular characterization of a muscarinic receptor type and evidence for expression of choline-acetyltransferase and vesicular acetylcholine transporter in human granulosa-luteal cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 1744-50 | 5.6 | 43 |
| 60 | Functional dopamine-1 receptors and DARPP-32 are expressed in human ovary and granulosa luteal cells in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 257-64 | 5.6 | 43 |
| 59 | Identification of voltage-activated Na ⁺ and K ⁺ channels in human steroid-secreting ovarian cells. <i>Annals of the New York Academy of Sciences</i> , 1999 , 868, 77-9 | 6.5 | 10 |
| 58 | Functional Dopamine-1 Receptors and DARPP-32 Are Expressed in Human Ovary and Granulosa Luteal Cells in Vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 257-264 | 5.6 | 35 |
| 57 | Evidence for catecholaminergic, neuronlike cells in the adult human testis: changes associated with testicular pathologies. <i>Journal of Andrology</i> , 1999 , 20, 341-7 | | 37 |
| 56 | Defective smooth muscle regulation in cGMP kinase I-deficient mice. <i>EMBO Journal</i> , 1998 , 17, 3045-51 | 13 | 426 |
| 55 | Birth of healthy children after intracytoplasmic sperm injection in two couples with male Kartagener's syndrome. <i>Fertility and Sterility</i> , 1998 , 70, 643-6 | 4.8 | 54 |
| 54 | Oocytes are a source of catecholamines in the primate ovary: evidence for a cell-cell regulatory loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 10990-5 | 11.5 | 67 |

| | | | |
|----|--|-----|-----|
| 53 | A role for neurotransmitters in early follicular development: induction of functional follicle-stimulating hormone receptors in newly formed follicles of the rat ovary. <i>Endocrinology</i> , 1997 , 138, 3320-9 | 4.8 | 127 |
| 52 | Visualizing the expression of a human growth hormone (hGH) transgene in the liver: intrahepatic regional and intracellular differences of expression are associated with morphological alterations and hepatocellular proliferation. <i>Tissue and Cell</i> , 1997 , 29, 611-6 | 2.7 | 3 |
| 51 | Involvement of nerve growth factor in the ovulatory cascade: trkA receptor activation inhibits gap junctional communication between thecal cells. <i>Endocrinology</i> , 1996 , 137, 5662-70 | 4.8 | 67 |
| 50 | Testis of prepubertal rhesus monkeys receives a dual catecholaminergic input provided by the extrinsic innervation and an intragonadal source of catecholamines. <i>Biology of Reproduction</i> , 1996 , 55, 509-18 | 3.9 | 32 |
| 49 | Expression of the Neural Cell Adhesion Molecule NCAM by Peptide- and Steroid-Producing Endocrine Cells and Tumors: Alternatively Spliced Forms and Polysialylation. <i>Endocrine Pathology</i> , 1995 , 6, 91-101 | 4.2 | 3 |
| 48 | Relaxin triggers calcium transients in human granulosa-lutein cells. <i>European Journal of Endocrinology</i> , 1995 , 132, 507-13 | 6.5 | 23 |
| 47 | The primate ovary contains a population of catecholaminergic neuron-like cells expressing nerve growth factor receptors. <i>Endocrinology</i> , 1995 , 136, 5760-8 | 4.8 | 59 |
| 46 | Immunocytochemical analysis of the expression of gap junction protein connexin 43 in the rat ovary. <i>Molecular Reproduction and Development</i> , 1995 , 41, 331-8 | 2.6 | 50 |
| 45 | Increased accessibility of the N-terminus of testis-specific histone TH2B to antibodies in elongating spermatids. <i>Molecular Reproduction and Development</i> , 1995 , 42, 210-9 | 2.6 | 24 |
| 44 | Expression and alternative splicing of the neural cell adhesion molecule NCAM in human granulosa cells during luteinization. <i>FEBS Letters</i> , 1994 , 346, 207-12 | 3.8 | 16 |
| 43 | Acute effects of rat growth hormone (GH), human GH and prolactin on proliferating rat liver cells in vitro: a study of mitotic behaviour and ultrastructural alterations. <i>Tissue and Cell</i> , 1994 , 26, 457-65 | 2.7 | 17 |
| 42 | Synaptophysin and synaptoporin expression in the developing rat olfactory system. <i>Developmental Brain Research</i> , 1993 , 74, 235-44 | | 45 |
| 41 | Neural cell adhesion molecules in rat endocrine tissues and tumor cells: distribution and molecular analysis. <i>Endocrinology</i> , 1993 , 132, 1207-17 | 4.8 | 38 |
| 40 | Concerted action of human chorionic gonadotropin and norepinephrine on intracellular-free calcium in human granulosa-lutein cells: evidence for the presence of a functional alpha-adrenergic receptor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 76, 367-73 | 5.6 | 31 |
| 39 | Effect of oxytocin on free intracellular Ca ²⁺ levels and progesterone release by human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1209-14 | 5.6 | 35 |
| 38 | Catecholamines stimulate testicular steroidogenesis in vitro in the Siberian hamster, <i>Phodopus sungorus</i> . <i>Biology of Reproduction</i> , 1993 , 48, 883-8 | 3.9 | 34 |
| 37 | Effect of oxytocin on free intracellular Ca ²⁺ levels and progesterone release by human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1209-1214 | 5.6 | 19 |
| 36 | Chromogranin A in neurons of the rat cerebellum and spinal cord: quantification and sites of expression. <i>Journal of Histochemistry and Cytochemistry</i> , 1992 , 40, 993-9 | 3.4 | 11 |

| | | | |
|----|---|-----|----|
| 35 | Carbachol increases intracellular free calcium concentrations in human granulosa-lutein cells. <i>Journal of Endocrinology</i> , 1992 , 135, 153-9 | 4.7 | 32 |
| 34 | Leydig cells express neural cell adhesion molecules in vivo and in vitro. <i>Biology of Reproduction</i> , 1992 , 47, 656-64 | 3.9 | 33 |
| 33 | Catecholamines stimulate testicular testosterone release of the immature golden hamster via interaction with alpha- and beta-adrenergic receptors. <i>European Journal of Endocrinology</i> , 1992 , 127, 526-30 | 6.5 | 26 |
| 32 | Vitamin D nuclear binding to neurons of the septal, substriatal and amygdaloid area in the Siberian hamster (<i>Phodopus sungorus</i>) brain. <i>Neuroscience</i> , 1992 , 48, 841-8 | 3.9 | 70 |
| 31 | Cultured microvascular endothelial cells derived from the bovine corpus luteum possess NCAM-140. <i>Experimental Cell Research</i> , 1992 , 201, 545-8 | 4.2 | 22 |
| 30 | Basic fibroblast growth factor (bFGF) in rodent testis. Presence of bFGF mRNA and of a 30 kDa bFGF protein in pachytene spermatocytes. <i>FEBS Letters</i> , 1992 , 302, 43-6 | 3.8 | 22 |
| 29 | Nuclear receptor sites for vitamin D-soltriol in midbrain and hindbrain of Siberian hamster (<i>Phodopus sungorus</i>) assessed by autoradiography. <i>Histochemistry</i> , 1992 , 98, 155-64 | | 38 |
| 28 | Isolation and culture of testicular macrophages from a seasonally breeding species, <i>Phodopus sungorus</i> . Evidence for functional differences between macrophages from active and regressed testes. <i>Journal of Developmental and Physical Disabilities</i> , 1992 , 15, 263-81 | | 14 |
| 27 | Expression of the neural cell adhesion molecule in endocrine cells of the ovary. <i>Endocrinology</i> , 1991 , 129, 792-800 | 4.8 | 38 |
| 26 | Presence and localization of a 30-kDa basic fibroblast growth factor-like protein in rodent testes. <i>Endocrinology</i> , 1991 , 129, 921-4 | 4.8 | 51 |
| 25 | Cyclic adenosine monophosphate (cAMP) does not mediate the stimulatory action of norepinephrine on testosterone production by the testis of the golden hamster. <i>Life Sciences</i> , 1991 , 48, 1109-14 | 6.8 | 10 |
| 24 | Vitamin D (Soltriol) receptors in the choroid plexus and ependyma: Their species-specific presence. <i>Molecular and Cellular Neurosciences</i> , 1991 , 2, 145-56 | 4.8 | 16 |
| 23 | Acute effects of human growth hormone on liver cells in vitro: a comparison with livers of mice transgenic for human growth hormone. <i>Tissue and Cell</i> , 1991 , 23, 607-12 | 2.7 | 9 |
| 22 | Alterations in the control and function of somatic cells in the testis associated with suppression of spermatogenesis in seasonal breeders. <i>Annals of the New York Academy of Sciences</i> , 1991 , 637, 143-51 | 6.5 | 5 |
| 21 | Expression of synaptophysin during the prenatal development of the rat spinal cord: correlation with basic differentiation processes of neurons. <i>Neuroscience</i> , 1991 , 42, 569-82 | 3.9 | 65 |
| 20 | Ultrastructural comparison of pituitary somatotrophs and lactotrophs in mice transgenic for bovine and human growth hormone. <i>Proceedings Annual Meeting Electron Microscopy Society of America</i> , 1991 , 49, 258-259 | | |
| 19 | Developing testicular microvasculature in the golden hamster, <i>Mesocricetus auratus</i> : a model for angiogenesis under physiological conditions. <i>Cells Tissues Organs</i> , 1990 , 139, 78-85 | 2.1 | 10 |
| 18 | Sites of action of soltriol (vitamin D) in hamster spleen, thymus, and lymph node, studied by autoradiography. <i>Histochemistry</i> , 1990 , 94, 121-5 | | 9 |

| | | | |
|----|--|-----|----|
| 17 | Studies on the thyroid in transgenic mice expressing the genes for human and bovine growth hormone. <i>Experientia</i> , 1990 , 46, 1043-6 | | 6 |
| 16 | Effects of transgenes for human and bovine growth hormones on age-related changes in ovarian morphology in mice. <i>The Anatomical Record</i> , 1990 , 227, 175-86 | | 29 |
| 15 | Golden hamster myoid cells during active and inactive states of spermatogenesis: correlation of testosterone levels with structure. <i>American Journal of Anatomy</i> , 1990 , 188, 319-27 | | 14 |
| 14 | An immunocytochemical and ultrastructural study of adenohypophyses of mice transgenic for human growth hormone. <i>Endocrinology</i> , 1990 , 126, 608-15 | 4.8 | 37 |
| 13 | Chromogranin A in the olfactory system of the rat. <i>Neuroscience</i> , 1990 , 39, 605-11 | 3.9 | 21 |
| 12 | Testicular function after local injection of 6-hydroxydopamine or norepinephrine in the golden hamster (<i>Mesocricetus auratus</i>). <i>Journal of Andrology</i> , 1990 , 11, 301-11 | | 11 |
| 11 | Catecholamine effects on testicular testosterone production in the gonadally active and the gonadally regressed adult golden hamster. <i>Biology of Reproduction</i> , 1989 , 40, 752-61 | 3.9 | 47 |
| 10 | Chronic administration of a gonadotropin-releasing hormone (GnRH) agonist affects testicular microvasculature. <i>European Journal of Endocrinology</i> , 1989 , 120, 75-80 | 6.5 | 5 |
| 9 | Histamine affects testicular steroid production in the golden hamster. <i>Endocrinology</i> , 1989 , 125, 560-2 | 4.8 | 11 |
| 8 | Histamine affects testicular steroid production in the golden hamster. <i>Endocrinology</i> , 1989 , 125, 2212-4 | 4.8 | 30 |
| 7 | A radioimmunoassay program for Lotus 1-2-3. <i>Computers in Biology and Medicine</i> , 1989 , 19, 145-50 | 7 | 6 |
| 6 | Changes in the testicular microvasculature during photoperiod-related seasonal transition from reproductive quiescence to reproductive activity in the adult golden hamster. <i>The Anatomical Record</i> , 1989 , 224, 495-507 | | 29 |
| 5 | Ultrastructural aspects of the goiter in cog/cog mice. <i>Journal of Heredity</i> , 1988 , 79, 200-3 | 2.4 | 19 |
| 4 | Formation and regression of capillary sprouts in corpora lutea of immature superstimulated golden hamsters. <i>Cells Tissues Organs</i> , 1987 , 128, 227-35 | 2.1 | 18 |
| 3 | Involvement of nerve growth factor in the ovulatory cascade: trkA receptor activation inhibits gap junctional communication between thecal cells | | 19 |
| 2 | A Role for Neurotransmitters in Early Follicular Development: Induction of Functional Follicle-Stimulating Hormone Receptors in Newly Formed Follicles of the Rat Ovary | | 50 |
| 1 | ATP activation of peritubular cells drives testicular sperm transport | | 1 |