Artur Mayerhofer

List of Publications by Year
in descending order

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203 papers	7,101 citations	57719 44 h-index	95218 68 g-index
211 all docs	211 docs citations	211 times ranked	5176 citing authors

#	Article	IF	Citations
1	Defective smooth muscle regulation in cGMP kinase I-deficient mice. EMBO Journal, 1998, 17, 3045-3051.	3.5	466
2	Proliferative action of mast-cell tryptase is mediated by PAR2, COX2, prostaglandins, and PPARÂ: Possible relevance to human fibrotic disorders. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15072-15077.	3.3	235
3	Number, distribution pattern, and identification of macrophages in the testes of infertile men. Fertility and Sterility, 2002, 78, 298-306.	0.5	164
4	Human testicular mast cells contain tryptase: increased mast cell number and altered distribution in the testes of infertile men. Fertility and Sterility, 2000, 74, 239-244.	0.5	152
5	A Role for Neurotransmitters in Early Follicular Development: Induction of Functional Follicle-Stimulating Hormone Receptors in Newly Formed Follicles of the Rat Ovary*. Endocrinology, 1997, 138, 3320-3329.	1.4	142
6	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. Endocrinology, 2005, 146, 1541-1552.	1.4	137
7	Human testicular peritubular cells: more than meets the eye. Reproduction, 2013, 145, R107-R116.	1.1	118
8	Changes in sympathetic nerve activity of the mammalian ovary during a normal estrous cycle and in polycystic ovary syndrome: Studies on norepinephrine release. Microscopy Research and Technique, 2002, 59, 495-502.	1.2	111
9	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. Endocrinology, 2009, 150, 2906-2914.	1.4	102
10	Isolation and Cultivation of Human Testicular Peritubular Cells: A New Model for the Investigation of Fibrotic Processes in the Human Testis and Male Infertility. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1956-1960.	1.8	91
11	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. Human Reproduction, 2010, 25, 2181-2187.	0.4	87
12	Exploring Human Testicular Peritubular Cells: Identification of Secretory Products and Regulation by Tumor Necrosis Factor-Î±. Endocrinology, 2008, 149, 1678-1686.	1.4	84
13	Vitamin d nuclear binding to neurons of the septal, substriatal and amygdaloid area in the siberian hamster (Phodopus sungorus) brain. Neuroscience, 1992, 48, 841-848.	1.1	81
14	Gap Junction Communication and Connexin 43 Gene Expression in a Rat Granulosa Cell Line: Regulation by Follicle-Stimulating Hormone1. Biology of Reproduction, 2000, 63, 1661-1668.	1.2	81
15	Oocytes are a source of catecholamines in the primate ovary: Evidence for a cell-cell regulatory loop. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10990-10995.	3.3	79
16	Involvement of nerve growth factor in the ovulatory cascade: trkA receptor activation inhibits gap junctional communication between thecal cells.. Endocrinology, 1996, 137, 5662-5670.	1.4	75
17	Transgenic Mice Expressing P450 Aromatase as a Model for Male Infertility Associated with Chronic Inflammation in the Testis. Endocrinology, 2006, 147, 1271-1277.	1.4	69
18	The primate ovary contains a population of catecholaminergic neuron-like cells expressing nerve growth factor receptors.. Endocrinology, 1995, 136, 5760-5768.	1.4	67

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19	Expression of synaptophysin during the prenatal development of the rat spinal cord: Correlation with basic differentiation processes of neurons. Neuroscience, 1991, 42, 569-582.	1.1	66
20	Birth of healthy children after intracytoplasmic sperm injection in two couples with male Kartagenerâ€™s syndrome. Fertility and Sterility, 1998, 70, 643-646.	0.5	65
21	Expression of Muscarinic Receptor Types in the Primate Ovary and Evidence for Nonneuronal Acetylcholine Synthesis1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 349-354.	1.8	64
22	Increased Exposure to Estrogens Disturbs Maturation, Steroidogenesis, and Cholesterol Homeostasis via Estrogen Receptor Î± in Adult Mouse Leydig Cells. Endocrinology, 2009, 150, 2865-2872.	1.4	64
23	15-Deoxy-Î”12-14-Prostaglandin-J2 Induces Hypertrophy and Loss of Contractility in Human Testicular Peritubular Cells: Implications for Human Male Fertility. Endocrinology, 2010, 151, 1257-1268.	1.4	64
24	Evidence for a GABAergic System in Rodent and Human Testis: Local GABA Production and GABA Receptors. Neuroendocrinology, 2003, 77, 314-323.	1.2	61
25	Cyclooxygenase and prostaglandins in somatic cell populations of the testis. Reproduction, 2015, 149, R169-R180.	1.1	59
26	Presence and Localization of a 30-kDa Basic Fibroblast Growth Factor-Like Protein in Rodent Testes*. Endocrinology, 1991, 129, 921-924.	1.4	58
27	Immunocytochemical analysis of the expression of gap junction protein connexin 43 in the rat ovary. Molecular Reproduction and Development, 1995, 41, 331-338.	1.0	56
28	Helicobacter pyloriinduces apoptosis of rat gastric parietal cells. American Journal of Physiology - Renal Physiology, 2002, 283, G309-G318.	1.6	56
29	Melatonin in testes of infertile men: evidence for antiâ€proliferative and antiâ€oxidant effects on local macrophage and mast cell populations. Andrology, 2014, 2, 436-449.	1.9	55
30	Catecholamine Effects on Testicular Testosterone Production in the Gonadally Active and the Gonadally Regressed Adult Golden Hamster1. Biology of Reproduction, 1989, 40, 752-761.	1.2	54
31	Identification of an Ovarian Voltage-Activated Na+-Channel Type: Hints to Involvement in Luteolysis. Molecular Endocrinology, 2000, 14, 1064-1074.	3.7	54
32	Cyclooxygenase-2 and Prostaglandin F2Î± in Syrian Hamster Leydig Cells: Inhibitory Role on Luteinizing Hormone/Human Chorionic Gonadotropin-Stimulated Testosterone Production. Endocrinology, 2006, 147, 4476-4485.	1.4	53
33	A Role for Neurotransmitters in Early Follicular Development: Induction of Functional Follicle-Stimulating Hormone Receptors in Newly Formed Follicles of the Rat Ovary. , 0, .		53
34	Synaptophysin and synaptoporin expression in the developing rat olfactory system. Developmental Brain Research, 1993, 74, 235-244.	2.1	52
35	Sterile inflammation as a factor in human male infertility: Involvement of Toll like receptor 2, biglycan and peritubular cells. Scientific Reports, 2016, 6, 37128.	1.6	49
36	Norepinephrine, Active Norepinephrine Transporter, and Norepinephrine-Metabolism Are Involved in the Generation of Reactive Oxygen Species in Human Ovarian Granulosa Cells. Endocrinology, 2012, 153, 1472-1483.	1.4	48

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37	Human Testicular Peritubular Cells Host Putative Stem Leydig Cells With Steroidogenic Capacity. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1227-E1235.	1.8	48
38	Readthrough acetylcholinesterase (AChE-R) and regulated necrosis: pharmacological targets for the regulation of ovarian functions?. Cell Death and Disease, 2015, 6, e1685-e1685.	2.7	48
39	Ca2+-Activated, Large Conductance K+Channel in the Ovary: Identification, Characterization, and Functional Involvement in Steroidogenesis. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5566-5574.	1.8	47
40	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. Human Reproduction, 2011, 26, 2613-2625.	0.4	47
41	Secretome Analysis of Testicular Peritubular Cells: A Window into the Human Testicular Microenvironment and the Spermatogonial Stem Cell Niche in Man. Journal of Proteome Research, 2014, 13, 1259-1269.	1.8	47
42	Single-cell analysis of human testis aging and correlation with elevated body mass index. Developmental Cell, 2022, 57, 1160-1176.e5.	3.1	47
43	Gamma-aminobutyric acid (GABA): a para- and/or autocrine hormone in the pituitary. FASEB Journal, 2001, 15, 1089-1091.	0.2	46
44	Nuclear receptor sites for vitamin D-soltriol in midbrain and hindbrain of Siberian hamster (Phodopus sungorus) assessed by autoradiography. Histochemistry, 1992, 98, 155-164.	1.9	45
45	Functional and Molecular Characterization of a Muscarinic Receptor Type and Evidence for Expression of Choline-Acetyltransferase and Vesicular Acetylcholine Transporter in Human Granulosa-Luteal Cells1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1744-1750.	1.8	45
46	Functional Dopamine-1 Receptors and DARPP-32 Are Expressed in Human Ovary and Granulosa Luteal Cellsin Vitro¹. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 257-264.	1.8	45
47	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). Cellular Signalling, 2005, 17, 525-533.	1.7	45
48	Prostate-specific antigen as allergen in human seminal plasma allergy. Journal of Allergy and Clinical Immunology, 2006, 117, 213-215.	1.5	45
49	A Prostaglandin D2 system in the human testis. Fertility and Sterility, 2007, 88, 233-236.	0.5	44
50	Mast cells in human testicular biopsies from patients with mixed atrophy: increased numbers, heterogeneity, and expression of cyclooxygenase 2Âand prostaglandin D2 synthase. Fertility and Sterility, 2011, 96, 309-313.	0.5	44
51	Evidence for a histaminergic system in the human testis. Fertility and Sterility, 2005, 83, 1060-1063.	0.5	42
52	Muscarinic Receptors in Human Luteinized Granulosa Cells: Activation Blocks Gap Junctions and Induces the Transcription Factor Early Growth Response Factor-1. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1362-1367.	1.8	41
53	Ovarian acetylcholine and muscarinic receptors: Hints of a novel intrinsic ovarian regulatory system. Microscopy Research and Technique, 2002, 59, 503-508.	1.2	41
54	Partial loss of contractile marker proteins in human testicular peritubular cells in infertility patients. Andrology, 2013, 1, 318-324.	1.9	41

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55	Expression of the Neural Cell Adhesion Molecule in Endocrine Cells of the Ovary*. Endocrinology, 1991, 129, 792-800.	1.4	40
56	Neuronal Elements in the Testis of the Rhesus Monkey: Ontogeny, Characterization and Relationship to Testicular Cells. Neuroendocrinology, 2000, 71, 43-50.	1.2	40
57	Functional Dopamine-1 Receptors and DARPP-32 Are Expressed in Human Ovary and Granulosa Luteal Cells in Vitro. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 257-264.	1.8	40
58	HISTAMINE AFFECTS TESTICULAR STEROID PRODUCTION IN THE GOLDEN HAMSTER. Endocrinology, 1989, 125, 2212-2214.	1.4	39
59	An Immunocytochemical and Ultrastructural Study of Adenohypophyses of Mice Transgenic for Human Growth Hormone*. Endocrinology, 1990, 126, 608-615.	1.4	39
60	Neural cell adhesion molecules in rat endocrine tissues and tumor cells: distribution and molecular analysis.. Endocrinology, 1993, 132, 1207-1217.	1.4	38
61	Catecholamines Stimulate Testicular Steroidogenesis in Vitro in the Siberian Hamster, Phodopus Sungorus1. Biology of Reproduction, 1993, 48, 883-888.	1.2	38
62	Testis of Prepubertal Rhesus Monkeys Receives a Dual Catecholaminergic Input Provided by the Extrinsic Innervation and an Intragonadal Source of Catecholamines1. Biology of Reproduction, 1996, 55, 509-518.	1.2	38
63	Synaptosome-Associated Protein of 25 Kilodaltons in Oocytes and Steroid-Producing Cells of Rat and Human Ovary: Molecular Analysis and Regulation by Gonadotropins1. Biology of Reproduction, 2000, 63, 643-650.	1.2	38
64	Catecholamine Uptake, Storage, and Regulated Release by Ovarian Granulosa Cells. Endocrinology, 2008, 149, 4988-4996.	1.4	38
65	Leydig Cells Express Neural Cell Adhesion Molecules in Vivo and in Vitro1. Biology of Reproduction, 1992, 47, 656-664.	1.2	37
66	Effect of oxytocin on free intracellular Ca2+ levels and progesterone release by human granulosa-lutein cells.. Journal of Clinical Endocrinology and Metabolism, 1993, 77, 1209-1214.	1.8	37
67	The expression and biological role of the non-neuronal cholinergic system in the ovary. Life Sciences, 2003, 72, 2039-2045.	2.0	37
68	A non-neuronal cholinergic system of the ovarian follicle. Annals of Anatomy, 2005, 187, 521-528.	1.0	37
69	Cyclooxygenase-2 in testes of infertile men: evidence for the induction of prostaglandin synthesis by interleukin-1Î². Fertility and Sterility, 2010, 94, 1933-1936.	0.5	37
70	Reactive oxygen species (ROS) production triggered by prostaglandin D2 (PGD2) regulates lactate dehydrogenase (LDH) expression/activity in TM4 Sertoli cells. Molecular and Cellular Endocrinology, 2016, 434, 154-165.	1.6	37
71	Evidence for catecholaminergic, neuronlike cells in the adult human testis: changes associated with testicular pathologies. Journal of Andrology, 1999, 20, 341-7.	2.0	37
72	Carbachol increases intracellular free calcium concentrations in human granulosa-lutein cells. Journal of Endocrinology, 1992, 135, 153-159.	1.2	36

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73	Human testicular peritubular cells, mast cells and testicular inflammation. Andrologia, 2018, 50, e13055.	1.0	36
74	Stimulation of TM3 Leydig cell proliferation via GABA(A) receptors: a new role for testicular GABA. Reproductive Biology and Endocrinology, 2004, 2, 13.	1.4	35
75	FSH regulates acetycholine production by ovarian granulosa cells. Reproductive Biology and Endocrinology, 2006, 4, 37.	1.4	35
76	Peritubular myoid cells have a role in postnatal testicular growth. Spermatogenesis, 2012, 2, 79-87.	0.8	35
77	An Autocrine Role for Pituitary GABA: Activation of GABA-B Receptors and Regulation of Growth Hormone Levels. Neuroendocrinology, 2002, 76, 170-177.	1.2	34
78	Angiotensin II regulates testicular peritubular cell function via AT1 receptor: A specific situation in male infertility. Molecular and Cellular Endocrinology, 2014, 393, 171-178.	1.6	34
79	Changes in the testicular microvasculature during photoperiod-related seasonal transition from reproductive quiescence to reproductive activity in the adult golden hamster. The Anatomical Record, 1989, 224, 495-507.	2.3	33
80	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.. Journal of Clinical Endocrinology and Metabolism, 1993, 76, 367-373.	1.8	33
81	Insights into replicative senescence of human testicular peritubular cells. Scientific Reports, 2019, 9, 15052.	1.6	33
82	In vivo blockade of acetylcholinesterase increases intraovarian acetylcholine and enhances follicular development and fertility in the rat. Scientific Reports, 2016, 6, 30129.	1.6	32
83	TNF-Î± induces apoptosis of parietal cells. Biochemical Pharmacology, 2003, 65, 1755-1760.	2.0	31
84	Tryptase inhibits motility of human spermatozoa mainly by activation of the mitogen-activated protein kinase pathway. Human Reproduction, 2005, 20, 456-461.	0.4	31
85	Human Tryptase Cleaves Pro-Nerve Growth Factor (Pro-NGF). Journal of Biological Chemistry, 2011, 286, 31707-31713.	1.6	31
86	High levels of the extracellular matrix proteoglycan decorin are associated with inhibition of testicular function. Journal of Developmental and Physical Disabilities, 2012, 35, 550-561.	3.6	31
87	Effects of transgenes for human and bovine growth hormones on age-related changes in ovarian morphology in mice. The Anatomical Record, 1990, 227, 175-186.	2.3	30
88	Two Types of Calcium Channels in Human Ovarian Endocrine Cells: Involvement in Steroidogenesis. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4503-4512.	1.8	30
89	Molecular and Physiological Evidence for Functional Î³-Aminobutyric Acid (GABA)-C Receptors in Growth Hormone-secreting Cells. Journal of Biological Chemistry, 2003, 278, 20192-20195.	1.6	29
90	Oxytocin receptors in the primate ovary: molecular identity and link to apoptosis in human granulosa cells. Human Reproduction, 2010, 25, 969-976.	0.4	29

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91	NLRP3 in somatic non-immune cells of rodent and primate testes. Reproduction, 2018, 156, 231-238.	1.1	29
92	Catecholamines stimulate testicular testosterone release of the immature golden hamster via interaction with alpha- and beta-adrenergic receptors. European Journal of Endocrinology, 1992, 127, 526-530.	1.9	28
93	Basic fibroblast growth factor (bFGF) in rodent testis Presence of bFGF mRNA and of a 30 kDa bFGF protein in pachytene spermatocytes. FEBS Letters, 1992, 302, 43-46.	1.3	28
94	Divergent effects of the major mast cell products histamine, tryptase and TNF-alpha on human fibroblast behaviour. Cellular and Molecular Life Sciences, 2005, 62, 2867-2876.	2.4	28
95	Dopamine receptor repertoire of human granulosa cells. Reproductive Biology and Endocrinology, 2007, 5, 40.	1.4	28
96	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. Human Reproduction, 2014, 29, 555-567.	0.4	28
97	Evidence for an adaptation in ROS scavenging systems in human testicular peritubular cells from infertility patients. Journal of Developmental and Physical Disabilities, 2012, 35, 793-801.	3.6	27
98	The G-Protein-Coupled Estrogen Receptor (GPER/GPR30) in Ovarian Granulosa Cell Tumors. International Journal of Molecular Sciences, 2014, 15, 15161-15172.	1.8	27
99	ATP-mediated Events in Peritubular Cells Contribute to Sterile Testicular Inflammation. Scientific Reports, 2018, 8, 1431.	1.6	27
100	The NADPH oxidase 4 is a major source of hydrogen peroxide in human granulosa-lutein and granulosa tumor cells. Scientific Reports, 2019, 9, 3585.	1.6	27
101	The intramembrane protease <scp>SPPL</scp> 2c promotes male germ cell development by cleavingÂphospholamban. EMBO Reports, 2019, 20, .	2.0	27
102	Chromogranin a in the olfactory system of the rat. Neuroscience, 1990, 39, 605-611.	1.1	26
103	Expression and alternative splicing of the neural cell adhesion molecule NCAM in human granulosa cells during luteinization. FEBS Letters, 1994, 346, 207-212.	1.3	26
104	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. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4750-4757.	1.8	26
105	Mast cell-sperm interaction: evidence for tryptase and proteinase-activated receptors in the regulation of sperm motility. Human Reproduction, 2003, 18, 2519-2524.	0.4	26
106	Ionizing radiation induces degranulation of human mast cells and release of tryptase. International Journal of Radiation Biology, 2007, 83, 535-541.	1.0	26
107	Maternal sympathetic stress impairs follicular development and puberty of the offspring. Reproduction, 2014, 148, 137-145.	1.1	26
108	Relaxin triggers calcium transients in human granulosa-lutein cells. European Journal of Endocrinology, 1995, 132, 507-513.	1.9	25

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109	The Rapamycin-Sensitive Complex of Mammalian Target of Rapamycin Is Essential to Maintain Male Fertility. American Journal of Pathology, 2016, 186, 324-336.	1.9	25
110	Increased accessibility of the N-terminus of testis-specific histone TH2B to antibodies in elongating spermatids. Molecular Reproduction and Development, 1995, 42, 210-219.	1.0	24
111	ATP activation of peritubular cells drives testicular sperm transport. ELife, 2021, 10, .	2.8	24
112	Ultrastructural Aspects of the Goiter in cog/cog Mice. Journal of Heredity, 1988, 79, 200-203.	1.0	23
113	Cultured microvascular endothelial cells derived from the bovine corpus luteum possess NCAM-140. Experimental Cell Research, 1992, 201, 545-548.	1.2	23
114	Expression of the oestrogen receptor <scp>GPER</scp> by testicular peritubular cells is linked to sexual maturation and male fertility. Andrology, 2014, 2, 695-701.	1.9	23
115	Formation and Regression of Capillary Sprouts in Corpora lutea of Immature Superstimulated Golden Hamsters. Cells Tissues Organs, 1987, 128, 227-235.	1.3	22
116	Isolation and culture of testicular macrophages from a seasonally breeding species, Phodopus sungorus. Evidence for functional differences between macrophages from active and regressed testes. Journal of Developmental and Physical Disabilities, 1992, 15, 263-281.	3.6	22
117	Are testicular mast cells involved in the regulation of germ cells in man?. Andrology, 2014, 2, 615-622.	1.9	22
118	Pigment-Epithelium Derived Factor (PEDF) and the human ovary: A role in the generation of ROS in granulosa cells. Life Sciences, 2014, 97, 129-136.	2.0	22
119	Signal peptide peptidaseâ€like 2c impairs vesicular transport and cleaves SNARE proteins. EMBO Reports, 2019, 20, .	2.0	22
120	Voltage-dependent K+channel acts as sex steroid sensor in endocrine cells of the human ovary. Journal of Cellular Physiology, 2006, 206, 167-174.	2.0	21
121	Testosterone induction of prostaglandin-endoperoxide synthase 2 expression and prostaglandin F2Î± production in hamster Leydig cells. Reproduction, 2009, 138, 163-175.	1.1	21
122	Decorin is a part of the ovarian extracellular matrix in primates and may act as a signaling molecule. Human Reproduction, 2012, 27, 3249-3258.	0.4	21
123	Ca2+ Signaling and IL-8 Secretion in Human Testicular Peritubular Cells Involve the Cation Channel TRPV2. International Journal of Molecular Sciences, 2018, 19, 2829.	1.8	21
124	Aging in the Syrian hamster testis: Inflammatory-oxidative status and the impact of photoperiod. Experimental Gerontology, 2019, 124, 110649.	1.2	21
125	Vitamin D (Soltriol) receptors in the choroid plexus and ependyma: Their species-specific presence. Molecular and Cellular Neurosciences, 1991, 2, 145-156.	1.0	20
126	Accelerated stem cell labeling with ferucarbotran and protamine. European Radiology, 2010, 20, 640-648.	2.3	20

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127	Involvement of nerve growth factor in the ovulatory cascade: trkA receptor activation inhibits gap junctional communication between thecal cells. Endocrinology, 1996, 137, 5662-5670.	1.4	20
128	Effect of oxytocin on free intracellular Ca2+ levels and progesterone release by human granulosa-lutein cells. Journal of Clinical Endocrinology and Metabolism, 1993, 77, 1209-1214.	1.8	20
129	StAR protein is increased by muscarinic receptor activation in human luteinized granulosa cells. Molecular and Cellular Endocrinology, 2001, 171, 49-51.	1.6	19
130	Acetylcholine and necroptosis are players in follicular development in primates. Scientific Reports, 2018, 8, 6166.	1.6	19
131	Insights into the role of androgen receptor in human testicular peritubular cells. Andrology, 2018, 6, 756-765.	1.9	19
132	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. Tissue and Cell, 1994, 26, 457-465.	1.0	18
133	Human testicular peritubular cells secrete pigment epithelium-derived factor (PEDF), which may be responsible for the avascularity of the seminiferous tubules. Scientific Reports, 2015, 5, 12820.	1.6	18
134	Expression of the beta-2 adrenergic receptor (ADRB-2) in human and monkey ovarian follicles: a marker of growing follicles?. Journal of Ovarian Research, 2015, 8, 8.	1.3	18
135	Prostaglandin E2 (PGE2) is a testicular peritubular cell-derived factor involved in human testicular homeostasis. Molecular and Cellular Endocrinology, 2018, 473, 217-224.	1.6	18
136	Neural cell adhesion molecules in rat endocrine tissues and tumor cells: distribution and molecular analysis. Endocrinology, 1993, 132, 1207-1217.	1.4	18
137	Golden hamster myoid cells during active and inactive states of spermatogenesis: Correlation of testosterone levels with structure. American Journal of Anatomy, 1990, 188, 319-327.	0.9	17
138	Necroptosis in primate luteolysis: a role for ceramide. Cell Death Discovery, 2019, 5, 67.	2.0	17
139	Protein kinase inhibitors modulate time-dependent effects of UV and ionizing irradiation on ICAM-1 expression on human hepatoma cells. International Journal of Radiation Biology, 2002, 78, 577-583.	1.0	16
140	Development and Evaluation of a Skin Organ Model for the Analysis of Radiation Effects. Strahlentherapie Und Onkologie, 2004, 180, 102-108.	1.0	16
141	Human Luteinized Granulosa Cellsâ€"A Cellular Model for the Human Corpus Luteum. Frontiers in Endocrinology, 2019, 10, 452.	1.5	15
142	The Glucocorticoid Receptor NR3C1 in Testicular Peritubular Cells is Developmentally Regulated and Linked to the Smooth Muscle-Like Cellular Phenotype. Journal of Clinical Medicine, 2020, 9, 961.	1.0	15
143	Identification of Voltage-Activated Na+ and K+ Channels in Human Steroid-Secreting Ovarian Cells. Annals of the New York Academy of Sciences, 1999, 868, 77-79.	1.8	14
144	Insights into GABA Receptor Signalling in TM3 Leydig Cells. Neuroendocrinology, 2005, 81, 381-390.	1.2	14

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145	Non-neuronal acetylcholine and choline acetyltransferase in oviductal epithelial cells of cyclic and pregnant pigs. Anatomy and Embryology, 2006, 211, 685-690.	1.5	14
146	Hydroxysteroid (17Î²) dehydrogenase 1 expressed by Sertoli cells contributes to steroid synthesis and is required for male fertility. FASEB Journal, 2018, 32, 3229-3241.	0.2	14
147	Developing Testicular Microvasculature in the Golden Hamster, Mesocricetus auratus: A Model for Angiogenesis under Physiological Conditions. Cells Tissues Organs, 1990, 139, 78-85.	1.3	13
148	The Adenosine 5â€²-Triphosphate-Sensitive Potassium Channel in Endocrine Cells of the Human Ovary: Role in Membrane Potential Generation and Steroidogenesis. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1950-1955.	1.8	13
149	Chromogranin A in neurons of the rat cerebellum and spinal cord: quantification and sites of expression.. Journal of Histochemistry and Cytochemistry, 1992, 40, 993-999.	1.3	12
150	The Ca2+-activated, large conductance K+-channel (BKCa) is a player in the LH/hCG signaling cascade in testicular Leydig cells. Molecular and Cellular Endocrinology, 2013, 367, 41-49.	1.6	12
151	A Role for H2O2 and TRPM2 in the Induction of Cell Death: Studies in KGN Cells. Antioxidants, 2019, 8, 518.	2.2	12
152	Peritubular cells of the human testis: prostaglandin E 2 and more. Andrology, 2020, 8, 898-902.	1.9	12
153	Testicular function after local injection of 6-hydroxydopamine or norepinephrine in the golden hamster (Mesocricetus auratus). Journal of Andrology, 1990, 11, 301-11.	2.0	12
154	HISTAMINE AFFECTS TESTICULAR STEROID PRODUCTION IN THE GOLDEN HAMSTER. Endocrinology, 1989, 125, 560-562.	1.4	11
155	Cyclic adenosine monophosphate (cAMP) does not mediate the stimulatory action of norepinephrine on testosterone production by the testis of the golden hamster. Life Sciences, 1991, 48, 1109-1114.	2.0	11
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