

# Artur Mayerhofer

## List of Publications by Citations

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196  
papers

5,830  
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40  
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64  
g-index

208  
ext. papers

6,434  
ext. citations

4.6  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
196	Defective smooth muscle regulation in cGMP kinase I-deficient mice. <i>EMBO Journal</i> , <b>1998</b> , 17, 3045-51	13	426
195	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> , <b>2002</b> , 99, 15072-7	11.5	205
194	Number, distribution pattern, and identification of macrophages in the testes of infertile men. <i>Fertility and Sterility</i> , <b>2002</b> , 78, 298-306	4.8	142
193	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> , <b>1997</b> , 138, 3320-9	4.8	127
192	Human testicular mast cells contain tryptase: increased mast cell number and altered distribution in the testes of infertile men. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 239-44	4.8	124
191	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> , <b>2005</b> , 146, 1541-52	4.8	110
190	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> , <b>2002</b> , 59, 495-502	2.8	99
189	Human testicular peritubular cells: more than meets the eye. <i>Reproduction</i> , <b>2013</b> , 145, R107-16	3.8	87
188	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> , <b>2006</b> , 91, 1956-60	5.6	80
187	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> , <b>2009</b> , 150, 2906-14	4.8	79
186	Gap junction communication and connexin 43 gene expression in a rat granulosa cell line: regulation by follicle-stimulating hormone. <i>Biology of Reproduction</i> , <b>2000</b> , 63, 1661-8	3.9	77
185	Exploring human testicular peritubular cells: identification of secretory products and regulation by tumor necrosis factor-alpha. <i>Endocrinology</i> , <b>2008</b> , 149, 1678-86	4.8	76
184	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> , <b>2010</b> , 25, 2181-7	5.7	72
183	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> , <b>1992</b> , 48, 841-8	3.9	70
182	Involvement of nerve growth factor in the ovulatory cascade: trkA receptor activation inhibits gap junctional communication between thecal cells. <i>Endocrinology</i> , <b>1996</b> , 137, 5662-70	4.8	67
181	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> , <b>1998</b> , 95, 10990-5	11.5	67
180	Expression of synaptophysin during the prenatal development of the rat spinal cord: correlation with basic differentiation processes of neurons. <i>Neuroscience</i> , <b>1991</b> , 42, 569-82	3.9	65

179	Transgenic mice expressing p450 aromatase as a model for male infertility associated with chronic inflammation in the testis. <i>Endocrinology</i> , <b>2006</b> , 147, 1271-7	4.8	63
178	Expression of muscarinic receptor types in the primate ovary and evidence for nonneuronal acetylcholine synthesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 349-54	5.6	61
177	Increased exposure to estrogens disturbs maturation, steroidogenesis, and cholesterol homeostasis via estrogen receptor alpha in adult mouse Leydig cells. <i>Endocrinology</i> , <b>2009</b> , 150, 2865-72	4.8	59
176	The primate ovary contains a population of catecholaminergic neuron-like cells expressing nerve growth factor receptors. <i>Endocrinology</i> , <b>1995</b> , 136, 5760-8	4.8	59
175	Evidence for a GABAergic system in rodent and human testis: local GABA production and GABA receptors. <i>Neuroendocrinology</i> , <b>2003</b> , 77, 314-23	5.6	56
174	Birth of healthy children after intracytoplasmic sperm injection in two couples with male Kartagener's syndrome. <i>Fertility and Sterility</i> , <b>1998</b> , 70, 643-6	4.8	54
173	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> , <b>2010</b> , 151, 1257-68	4.8	52
172	Presence and localization of a 30-kDa basic fibroblast growth factor-like protein in rodent testes. <i>Endocrinology</i> , <b>1991</b> , 129, 921-4	4.8	51
171	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> , <b>2006</b> , 147, 4476-85	4.8	50
170	Immunocytochemical analysis of the expression of gap junction protein connexin 43 in the rat ovary. <i>Molecular Reproduction and Development</i> , <b>1995</b> , 41, 331-8	2.6	50
169	A Role for Neurotransmitters in Early Follicular Development: Induction of Functional Follicle-Stimulating Hormone Receptors in Newly Formed Follicles of the Rat Ovary		50
168	Identification of an ovarian voltage-activated Na <sup>+</sup> -channel type: hints to involvement in luteolysis. <i>Molecular Endocrinology</i> , <b>2000</b> , 14, 1064-74		48
167	Catecholamine effects on testicular testosterone production in the gonadally active and the gonadally regressed adult golden hamster. <i>Biology of Reproduction</i> , <b>1989</b> , 40, 752-61	3.9	47
166	Helicobacter pylori induces apoptosis of rat gastric parietal cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2002</b> , 283, G309-18	5.1	46
165	Cyclooxygenase and prostaglandins in somatic cell populations of the testis. <i>Reproduction</i> , <b>2015</b> , 149, R169-80	3.8	45
164	Gamma-aminobutyric acid (GABA): a para- and/or autocrine hormone in the pituitary. <i>FASEB Journal</i> , <b>2001</b> , 15, 1089-91	0.9	45
163	Synaptophysin and synaptoporin expression in the developing rat olfactory system. <i>Developmental Brain Research</i> , <b>1993</b> , 74, 235-44		45
162	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> , <b>2005</b> , 17, 525-33	4.9	43

161	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> , <b>1999</b> , 84, 1744-50	5.6	43
160	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> , <b>1999</b> , 84, 257-64	5.6	43
159	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> , <b>2011</b> , 26, 2613-25	5.7	42
158	Human testicular peritubular cells host putative stem Leydig cells with steroidogenic capacity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E1227-35	5.6	41
157	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> , <b>2011</b> , 96, 309-13	4.8	41
156	Ca <sup>2+</sup> -activated, large conductance K <sup>+</sup> channel in the ovary: identification, characterization, and functional involvement in steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 5566-74	5.6	40
155	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> , <b>2014</b> , 13, 1259-69	5.6	39
154	Norepinephrine, active norepinephrine transporter, and norepinephrine-metabolism are involved in the generation of reactive oxygen species in human ovarian granulosa cells. <i>Endocrinology</i> , <b>2012</b> , 153, 1472-83	4.8	38
153	A prostaglandin D2 system in the human testis. <i>Fertility and Sterility</i> , <b>2007</b> , 88, 233-6	4.8	38
152	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> , <b>2002</b> , 87, 1362-7	5.6	38
151	Neural cell adhesion molecules in rat endocrine tissues and tumor cells: distribution and molecular analysis. <i>Endocrinology</i> , <b>1993</b> , 132, 1207-17	4.8	38
150	Expression of the neural cell adhesion molecule in endocrine cells of the ovary. <i>Endocrinology</i> , <b>1991</b> , 129, 792-800	4.8	38
149	Nuclear receptor sites for vitamin D-solatriol in midbrain and hindbrain of Siberian hamster ( <i>Phodopus sungorus</i> ) assessed by autoradiography. <i>Histochemistry</i> , <b>1992</b> , 98, 155-64		38
148	Melatonin in testes of infertile men: evidence for anti-proliferative and anti-oxidant effects on local macrophage and mast cell populations. <i>Andrology</i> , <b>2014</b> , 2, 436-49	4.2	37
147	Evidence for a histaminergic system in the human testis. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 1060-3	4.8	37
146	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> , <b>2000</b> , 63, 643-50	3.9	37
145	An immunocytochemical and ultrastructural study of adenohipophyses of mice transgenic for human growth hormone. <i>Endocrinology</i> , <b>1990</b> , 126, 608-15	4.8	37
144	Evidence for catecholaminergic, neuronlike cells in the adult human testis: changes associated with testicular pathologies. <i>Journal of Andrology</i> , <b>1999</b> , 20, 341-7		37

143	Neuronal elements in the testis of the rhesus monkey: ontogeny, characterization and relationship to testicular cells. <i>Neuroendocrinology</i> , <b>2000</b> , 71, 43-50	5.6	36
142	Effect of oxytocin on free intracellular Ca <sup>2+</sup> levels and progesterone release by human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1993</b> , 77, 1209-14	5.6	35
141	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> , <b>1999</b> , 84, 257-264	5.6	35
140	Prostate-specific antigen as allergen in human seminal plasma allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 117, 213-5	11.5	34
139	Catecholamines stimulate testicular steroidogenesis in vitro in the Siberian hamster, Phodopus sungorus. <i>Biology of Reproduction</i> , <b>1993</b> , 48, 883-8	3.9	34
138	Cyclooxygenase-2 in testes of infertile men: evidence for the induction of prostaglandin synthesis by interleukin-1. <i>Fertility and Sterility</i> , <b>2010</b> , 94, 1933-6	4.8	33
137	Catecholamine uptake, storage, and regulated release by ovarian granulosa cells. <i>Endocrinology</i> , <b>2008</b> , 149, 4988-96	4.8	33
136	Ovarian acetylcholine and muscarinic receptors: hints of a novel intrinsic ovarian regulatory system. <i>Microscopy Research and Technique</i> , <b>2002</b> , 59, 503-8	2.8	33
135	The expression and biological role of the non-neuronal cholinergic system in the ovary. <i>Life Sciences</i> , <b>2003</b> , 72, 2039-45	6.8	33
134	Leydig cells express neural cell adhesion molecules in vivo and in vitro. <i>Biology of Reproduction</i> , <b>1992</b> , 47, 656-64	3.9	33
133	Readthrough acetylcholinesterase (AChE-R) and regulated necrosis: pharmacological targets for the regulation of ovarian functions?. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1685	9.8	32
132	Partial loss of contractile marker proteins in human testicular peritubular cells in infertility patients. <i>Andrology</i> , <b>2013</b> , 1, 318-24	4.2	32
131	A non-neuronal cholinergic system of the ovarian follicle. <i>Annals of Anatomy</i> , <b>2005</b> , 187, 521-8	2.9	32
130	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> , <b>1996</b> , 55, 509-18	3.9	32
129	Carbachol increases intracellular free calcium concentrations in human granulosa-lutein cells. <i>Journal of Endocrinology</i> , <b>1992</b> , 135, 153-9	4.7	32
128	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> , <b>1993</b> , 76, 367-73	5.6	31
127	An autocrine role for pituitary GABA: activation of GABA-B receptors and regulation of growth hormone levels. <i>Neuroendocrinology</i> , <b>2002</b> , 76, 170-7	5.6	30
126	Histamine affects testicular steroid production in the golden hamster. <i>Endocrinology</i> , <b>1989</b> , 125, 2212-4	4.8	30

125	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> , <b>2016</b> , 434, 154-65	4.4	29
124	FSH regulates acetylcholine production by ovarian granulosa cells. <i>Reproductive Biology and Endocrinology</i> , <b>2006</b> , 4, 37	5	29
123	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> , <b>1989</b> , 224, 495-507		29
122	Effects of transgenes for human and bovine growth hormones on age-related changes in ovarian morphology in mice. <i>The Anatomical Record</i> , <b>1990</b> , 227, 175-86		29
121	Tryptase inhibits motility of human spermatozoa mainly by activation of the mitogen-activated protein kinase pathway. <i>Human Reproduction</i> , <b>2005</b> , 20, 456-61	5.7	28
120	Two types of calcium channels in human ovarian endocrine cells: involvement in steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4503-12	5.6	28
119	Sterile inflammation as a factor in human male infertility: Involvement of Toll like receptor 2, biglycan and peritubular cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 37128	4.9	28
118	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> , <b>2011</b> , 286, 31707-13	5.4	27
117	Peritubular myoid cells have a role in postnatal testicular growth. <i>Spermatogenesis</i> , <b>2012</b> , 2, 79-87		27
116	Divergent effects of the major mast cell products histamine, tryptase and TNF-alpha on human fibroblast behaviour. <i>Cellular and Molecular Life Sciences</i> , <b>2005</b> , 62, 2867-76	10.3	27
115	Oxytocin receptors in the primate ovary: molecular identity and link to apoptosis in human granulosa cells. <i>Human Reproduction</i> , <b>2010</b> , 25, 969-76	5.7	26
114	Stimulation of TM3 Leydig cell proliferation via GABA(A) receptors: a new role for testicular GABA. <i>Reproductive Biology and Endocrinology</i> , <b>2004</b> , 2, 13	5	26
113	Catecholamines stimulate testicular testosterone release of the immature golden hamster via interaction with alpha- and beta-adrenergic receptors. <i>European Journal of Endocrinology</i> , <b>1992</b> , 127, 526-30	6.5	26
112	Dopamine receptor repertoire of human granulosa cells. <i>Reproductive Biology and Endocrinology</i> , <b>2007</b> , 5, 40	5	25
111	TNF-alpha induces apoptosis of parietal cells. <i>Biochemical Pharmacology</i> , <b>2003</b> , 65, 1755-60	6	25
110	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> , <b>2014</b> , 29, 555-67	5.7	24
109	High levels of the extracellular matrix proteoglycan decorin are associated with inhibition of testicular function. <i>Journal of Developmental and Physical Disabilities</i> , <b>2012</b> , 35, 550-61		24
108	Ionizing radiation induces degranulation of human mast cells and release of tryptase. <i>International Journal of Radiation Biology</i> , <b>2007</b> , 83, 535-41	2.9	24

107	Molecular and physiological evidence for functional gamma-aminobutyric acid (GABA)-C receptors in growth hormone-secreting cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 20192-5	5.4	24
106	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> , <b>2000</b> , 85, 4750-7	5.6	24
105	Increased accessibility of the N-terminus of testis-specific histone TH2B to antibodies in elongating spermatids. <i>Molecular Reproduction and Development</i> , <b>1995</b> , 42, 210-9	2.6	24
104	Evidence for an adaptation in ROS scavenging systems in human testicular peritubular cells from infertility patients. <i>Journal of Developmental and Physical Disabilities</i> , <b>2012</b> , 35, 793-801		23
103	Angiotensin II regulates testicular peritubular cell function via AT1 receptor: a specific situation in male infertility. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 393, 171-8	4.4	23
102	Relaxin triggers calcium transients in human granulosa-lutein cells. <i>European Journal of Endocrinology</i> , <b>1995</b> , 132, 507-13	6.5	23
101	Pigment-Epithelium Derived Factor (PEDF) and the human ovary: a role in the generation of ROS in granulosa cells. <i>Life Sciences</i> , <b>2014</b> , 97, 129-36	6.8	22
100	The G-protein-coupled estrogen receptor (GPER/GPR30) in ovarian granulosa cell tumors. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 15161-72	6.3	22
99	Cultured microvascular endothelial cells derived from the bovine corpus luteum possess NCAM-140. <i>Experimental Cell Research</i> , <b>1992</b> , 201, 545-8	4.2	22
98	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> , <b>1992</b> , 302, 43-6	3.8	22
97	In vivo blockade of acetylcholinesterase increases intraovarian acetylcholine and enhances follicular development and fertility in the rat. <i>Scientific Reports</i> , <b>2016</b> , 6, 30129	4.9	21
96	Maternal sympathetic stress impairs follicular development and puberty of the offspring. <i>Reproduction</i> , <b>2014</b> , 148, 137-45	3.8	21
95	Mast cell-sperm interaction: evidence for tryptase and proteinase-activated receptors in the regulation of sperm motility. <i>Human Reproduction</i> , <b>2003</b> , 18, 2519-24	5.7	21
94	Chromogranin A in the olfactory system of the rat. <i>Neuroscience</i> , <b>1990</b> , 39, 605-11	3.9	21
93	Expression of the oestrogen receptor GPER by testicular peritubular cells is linked to sexual maturation and male fertility. <i>Andrology</i> , <b>2014</b> , 2, 695-701	4.2	20
92	Decorin is a part of the ovarian extracellular matrix in primates and may act as a signaling molecule. <i>Human Reproduction</i> , <b>2012</b> , 27, 3249-58	5.7	19
91	Accelerated stem cell labeling with ferucarbotran and protamine. <i>European Radiology</i> , <b>2010</b> , 20, 640-8	8	19
90	Ultrastructural aspects of the goiter in cog/cog mice. <i>Journal of Heredity</i> , <b>1988</b> , 79, 200-3	2.4	19

89	Involvement of nerve growth factor in the ovulatory cascade: trkA receptor activation inhibits gap junctional communication between thecal cells		19
88	Effect of oxytocin on free intracellular Ca <sup>2+</sup> levels and progesterone release by human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1993</b> , 77, 1209-1214	5.6	19
87	Are testicular mast cells involved in the regulation of germ cells in man?. <i>Andrology</i> , <b>2014</b> , 2, 615-22	4.2	18
86	Voltage-dependent K <sup>+</sup> channel acts as sex steroid sensor in endocrine cells of the human ovary. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 206, 167-74	7	18
85	Formation and regression of capillary sprouts in corpora lutea of immature superstimulated golden hamsters. <i>Cells Tissues Organs</i> , <b>1987</b> , 128, 227-35	2.1	18
84	Testosterone induction of prostaglandin-endoperoxide synthase 2 expression and prostaglandin F(2alpha) production in hamster Leydig cells. <i>Reproduction</i> , <b>2009</b> , 138, 163-75	3.8	17
83	StAR protein is increased by muscarinic receptor activation in human luteinized granulosa cells. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 171, 49-51	4.4	17
82	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> , <b>1994</b> , 26, 457-65	2.7	17
81	ATP-mediated Events in Peritubular Cells Contribute to Sterile Testicular Inflammation. <i>Scientific Reports</i> , <b>2018</b> , 8, 1431	4.9	16
80	The Rapamycin-Sensitive Complex of Mammalian Target of Rapamycin Is Essential to Maintain Male Fertility. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 324-36	5.8	16
79	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> , <b>2002</b> , 78, 577-83	2.9	16
78	Expression and alternative splicing of the neural cell adhesion molecule NCAM in human granulosa cells during luteinization. <i>FEBS Letters</i> , <b>1994</b> , 346, 207-12	3.8	16
77	Vitamin D (Solatriol) receptors in the choroid plexus and ependyma: Their species-specific presence. <i>Molecular and Cellular Neurosciences</i> , <b>1991</b> , 2, 145-56	4.8	16
76	Insights into replicative senescence of human testicular peritubular cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 15052	4.9	15
75	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> , <b>2015</b> , 5, 12820	4.9	15
74	Human testicular peritubular cells, mast cells and testicular inflammation. <i>Andrologia</i> , <b>2018</b> , 50, e13055	2.4	15
73	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> , <b>2015</b> , 8, 8	5.5	14
72	Non-neuronal acetylcholine and choline acetyltransferase in oviductal epithelial cells of cyclic and pregnant pigs. <i>Anatomy and Embryology</i> , <b>2006</b> , 211, 685-90		14



71	Development and evaluation of a skin organ model for the analysis of radiation effects. <i>Strahlentherapie Und Onkologie</i> , <b>2004</b> , 180, 102-8	4.3	14
70	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> , <b>1992</b> , 15, 263-81		14
69	Golden hamster myoid cells during active and inactive states of spermatogenesis: correlation of testosterone levels with structure. <i>American Journal of Anatomy</i> , <b>1990</b> , 188, 319-27		14
68	The NADPH oxidase 4 is a major source of hydrogen peroxide in human granulosa-lutein and granulosa tumor cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 3585	4.9	13
67	Insights into the role of androgen receptor in human testicular peritubular cells. <i>Andrology</i> , <b>2018</b> , 6, 756-765	4.65	13
66	NLRP3 in somatic non-immune cells of rodent and primate testes. <i>Reproduction</i> , <b>2018</b> , 156, 231-238	3.8	13
65	Insights into GABA receptor signalling in TM3 Leydig cells. <i>Neuroendocrinology</i> , <b>2005</b> , 81, 381-90	5.6	13
64	Signal Peptide Peptidase-Like 2c (SPPL2c) impairs vesicular transport and cleavage of SNARE proteins. <i>EMBO Reports</i> , <b>2019</b> , 20,	6.5	12
63	Acetylcholine and necroptosis are players in follicular development in primates. <i>Scientific Reports</i> , <b>2018</b> , 8, 6166	4.9	12
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