

# Wai-Yee Chan

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

233  
papers

6,341  
citations

44  
h-index

70  
g-index

256  
ext. papers

7,315  
ext. citations

5.7  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
233	Microglia activation, classification and microglia-mediated neuroinflammatory modulators in subarachnoid hemorrhage.. <i>Neural Regeneration Research</i> , <b>2022</b> , 17, 1404-1411	4.5	3
232	Parallel bimodal single-cell sequencing of transcriptome and methylome provides molecular and translational insights on oocyte maturation and maternal aging.. <i>Genomics</i> , <b>2022</b> , 114, 110379	4.3	0
231	Dynamic Epigenetic Regulation of miR-10 Family Governs the Caudalization of Floor Plate Neural Progenitors. <i>Re:GEN Open</i> , <b>2021</b> , 1, 117-129		0
230	lncRNA participates in premature ovarian insufficiency through regulating and. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 26, 1092-1106	10.7	1
229	Phase separation drives the self-assembly of mitochondrial nucleoids for transcriptional modulation. <i>Nature Structural and Molecular Biology</i> , <b>2021</b> , 28, 900-908	17.6	3
228	Oral, Nasal, and Gut Microbiota in Parkinson's Disease. <i>Neuroscience</i> , <b>2021</b> , 480, 65-78	3.9	1
227	Kindlin2 regulates neural crest specification via integrin-independent regulation of the FGF signaling pathway. <i>Development (Cambridge)</i> , <b>2021</b> , 148,	6.6	3
226	Single-Oocyte Gene Expression Suggests That Curcumin Can Protect the Ovarian Reserve by Regulating the PTEN-AKT-FOXO3a Pathway. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
225	lncRNA is involved in premature ovarian insufficiency by regulating p27 translation in GCs via competitive binding to PTBP1. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 23, 132-141	10.7	6
224	Integrated analysis of gait parameters and gene expression profiles in a murine model of subarachnoid hemorrhage. <i>Genes, Brain and Behavior</i> , <b>2021</b> , 20, e12728	3.6	
223	Pten Regulates Cardiomyocyte Differentiation by Modulating Non-CG Methylation via Dnmt3. <i>Advanced Science</i> , <b>2021</b> , 8, e2100849	13.6	1
222	Altered Actinobacteria and Firmicutes Phylum Associated Epitopes in Patients With Parkinson's Disease. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 632482	8.4	2
221	The construction of 3D cognitive networks from iPSCs through precise spatiotemporal specification <b>2021</b> , 45-76		
220	Hepatic miR-192-3p reactivation alleviates steatosis by targeting glucocorticoid receptor. <i>JHEP Reports</i> , <b>2020</b> , 2, 100179	10.3	4
219	Hippo kinases MST1 and MST2 control the differentiation of the epididymal initial segment via the MEK-ERK pathway. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2797-2809	12.7	6
218	Pten-mediated Gsk3 $\beta$ modulates the naïve pluripotency maintenance in embryonic stem cells. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 107	9.8	3
217	Long noncoding RNA HCP5 participates in premature ovarian insufficiency by transcriptionally regulating MSH5 and DNA damage repair via YB1. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 4480-4491	20.1	30

216	IGF2 improves the developmental competency and meiotic structure of oocytes from aged mice. <i>Aging</i> , <b>2020</b> , 13, 2118-2134	5.6	1
215	Fertility factors affect the vaginal microbiome in women of reproductive age. <i>American Journal of Reproductive Immunology</i> , <b>2020</b> , 83, e13220	3.8	18
214	Systemic changes in a mouse model of VCD-induced premature ovarian failure. <i>Life Sciences</i> , <b>2020</b> , 262, 118543	6.8	4
213	Changes in the vaginal microbiota associated with primary ovarian failure. <i>BMC Microbiology</i> , <b>2020</b> , 20, 230	4.5	5
212	Hormone-Like Effects of 4-Vinylcyclohexene Diepoxide on Follicular Development. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 587	5.7	2
211	RNA-Seq analysis on ets1 mutant embryos of <i>Xenopus tropicalis</i> identifies microseminoprotein beta gene 3 as an essential regulator of neural crest migration. <i>FASEB Journal</i> , <b>2020</b> , 34, 12726-12738	0.9	4
210	Study of the association between gait variability and gene expressions in a mouse model of transient focal ischemic stroke. <i>International Journal of Neuroscience</i> , <b>2020</b> , 130, 52-63	2	
209	Genetic correction of Werner syndrome gene reveals impaired pro-angiogenic function and HGF insufficiency in mesenchymal stem cells. <i>Aging Cell</i> , <b>2020</b> , 19, e13116	9.9	2
208	Promotes Ovarian Estrogen Synthesis: An RNA-Sequencing and Network Study. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 615846	5.7	2
207	Tumor Suppression of Ras GTPase-Activating Protein RASA5 through Antagonizing Ras Signaling Perturbation in Carcinomas. <i>iScience</i> , <b>2019</b> , 21, 1-18	6.1	6
206	Transplantation of Retinal Ganglion Cells Derived from Male Germline Stem Cell as a Potential Treatment to Glaucoma. <i>Stem Cells and Development</i> , <b>2019</b> , 28, 1365-1375	4.4	12
205	Studying Werner syndrome to elucidate mechanisms and therapeutics of human aging and age-related diseases. <i>Biogerontology</i> , <b>2019</b> , 20, 255-269	4.5	15
204	microRNA-126 Is a Tumor Suppressor of Granulosa Cell Tumor Mediated by Its Host Gene EGFL7. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 486	5.3	5
203	Doxycycline Masks the Genuine Effect of the Doxycycline-Inducible Transgene by Promoting Dopaminergic Neuron Differentiation from Human Pluripotent Stem Cells. <i>Stem Cells and Development</i> , <b>2019</b> , 28, 833-845	4.4	3
202	Revealing cellular and molecular transitions in neonatal germ cell differentiation using single cell RNA sequencing. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	16
201	The Role of microRNAs in Ovarian Granulosa Cells in Health and Disease. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 174	5.7	28
200	The HMGA2-IMP2 Pathway Promotes Granulosa Cell Proliferation in Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 1049-1059	5.6	17
199	Palmitic acid causes insulin resistance in granulosa cells via activation of JNK. <i>Journal of Molecular Endocrinology</i> , <b>2019</b> , 62, 197-206	4.5	5

198	Antifungal Proteins with Antiproliferative Activity on Cancer Cells and HIV-1 Enzyme Inhibitory Activity from Medicinal Plants and Medicinal Fungi. <i>Current Protein and Peptide Science</i> , <b>2019</b> , 20, 265-276	2.8	6
197	Melatonin as Potential Targets for Delaying Ovarian Aging. <i>Current Drug Targets</i> , <b>2019</b> , 20, 16-28	3	20
196	L3MBTL2 regulates chromatin remodeling during spermatogenesis. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 2194-2207	12.7	9
195	Comparative analysis of single-cell parallel sequencing approaches in oocyte application. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2019</b> , 107, 1-5	5.6	6
194	Plasma and CSF miRNA dysregulations in subarachnoid hemorrhage reveal clinical courses and underlying pathways. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 62, 155-161	2.2	5
193	MicroRNA profiling during directed differentiation of cortical interneurons from human-induced pluripotent stem cells. <i>FEBS Open Bio</i> , <b>2018</b> , 8, 502-512	2.7	7
192	Chromatin Accessibility Dynamics during Chemical Induction of Pluripotency. <i>Cell Stem Cell</i> , <b>2018</b> , 22, 529-542.e5	18	47
191	Integrated microRNA and mRNA signatures in peripheral blood lymphocytes of familial epithelial ovarian cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 191-198	3.4	5
190	Comparison of multi-lineage differentiation of hiPSCs reveals novel miRNAs that regulate lineage specification. <i>Scientific Reports</i> , <b>2018</b> , 8, 9630	4.9	10
189	Bruton's tyrosine kinase potentiates ALK signaling and serves as a potential therapeutic target of neuroblastoma. <i>Oncogene</i> , <b>2018</b> , 37, 6180-6194	9.2	15
188	Molecular Basis of Diseases of the Endocrine System <b>2018</b> , 477-505		1
187	Homology-independent multiallelic disruption via CRISPR/Cas9-based knock-in yields distinct functional outcomes in human cells. <i>BMC Biology</i> , <b>2018</b> , 16, 151	7.3	5
186	MicroRNA-26b promotes transition from Kit to Kit mouse spermatogonia. <i>Experimental Cell Research</i> , <b>2018</b> , 373, 71-79	4.2	5
185	MicroRNA-10a promotes granulosa cells tumor development via PTEN-AKT/Wnt regulatory axis. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1076	9.8	16
184	Short-Term Mitochondrial Permeability Transition Pore Opening Modulates Histone Lysine Methylation at the Early Phase of Somatic Cell Reprogramming. <i>Cell Metabolism</i> , <b>2018</b> , 28, 935-945.e5	24.6	20
183	Idiopathic Autism: Cellular and Molecular Phenotypes in Pluripotent Stem Cell-Derived Neurons. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4507-4523	6.2	47
182	Icaritin enhances mESC self-renewal through upregulating core pluripotency transcription factors mediated by ERK. <i>Scientific Reports</i> , <b>2017</b> , 7, 40894	4.9	10
181	Conserved miR-10 family represses proliferation and induces apoptosis in ovarian granulosa cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 41304	4.9	49

180	A sequential EMT-MET mechanism drives the differentiation of human embryonic stem cells towards hepatocytes. <i>Nature Communications</i> , <b>2017</b> , 8, 15166	17.4	77
179	Circulating MicroRNAs in Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	18
178	Toxic but Exploitable Actions of Ribosome-Inactivating Proteins. <i>Toxinology</i> , <b>2017</b> , 383-399	0	
177	Identification of reference genes for qRT-PCR in granulosa cells of healthy women and polycystic ovarian syndrome patients. <i>Scientific Reports</i> , <b>2017</b> , 7, 6961	4.9	14
176	CFTR-β-catenin interaction regulates mouse embryonic stem cell differentiation and embryonic development. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 98-110	12.7	22
175	What is Missing in STD Screening in Hong Kong?. <i>American Medical Journal</i> , <b>2016</b> , 7, 13-18		0
174	Epigenetic inactivation of the CpG demethylase TET1 as a DNA methylation feedback loop in human cancers. <i>Scientific Reports</i> , <b>2016</b> , 6, 26591	4.9	66
173	STMN1 Promotes Progesterone Production Via StAR Up-regulation in Mouse Granulosa Cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 26691	4.9	13
172	Fungal proteinaceous compounds with multiple biological activities. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 6601-6617	5.7	12
171	Snake venom toxins: toxicity and medicinal applications. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 6165-6181	5.7	65
170	A hemagglutinin isolated from Northeast China black beans induced mitochondrial dysfunction and apoptosis in colorectal cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 2201-11	4.9	9
169	Hypermethylation of genes in testicular embryonal carcinomas. <i>British Journal of Cancer</i> , <b>2016</b> , 114, 2306-7	4.7	17
168	New Insights into the Role of Autophagy in Ovarian Cryopreservation by Vitrification. <i>Biology of Reproduction</i> , <b>2016</b> , 94, 137	3.9	4
167	Marine natural products with anti-inflammatory activity. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 1645-1666	5.7	52
166	New insights into the unfolded protein response in stem cells. <i>Oncotarget</i> , <b>2016</b> , 7, 54010-54027	3.3	21
165	MicroRNAs: Key Regulators in the Central Nervous System and Their Implication in Neurological Diseases. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	97
164	Metabolic actions of insulin in ovarian granulosa cells were unaffected by hyperandrogenism. <i>Endocrine</i> , <b>2016</b> , 53, 823-30	4	11
163	An epigenetic regulator: methyl-CpG-binding domain protein 1 (MBD1). <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 5125-40	6.3	25

162	Nanoparticle delivery of stable miR-199a-5p agomir improves the osteogenesis of human mesenchymal stem cells via the HIF1a pathway. <i>Biomaterials</i> , <b>2015</b> , 53, 239-50	15.6	81
161	MicroRNAs mediated targeting on the Yin-yang dynamics of DNA methylation in disease and development. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 67, 115-20	5.6	16
160	Autophagy and mTORC1 regulate the stochastic phase of somatic cell reprogramming. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 715-25	23.4	68
159	Proteins, peptides, polysaccharides, and nucleotides with inhibitory activity on human immunodeficiency virus and its enzymes. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 10399-414	5.7	8
158	A research agenda for aging in China in the 21st century. <i>Ageing Research Reviews</i> , <b>2015</b> , 24, 197-205	12	198
157	Expression of steroidogenesis-related genes in murine male germ cells. <i>Steroids</i> , <b>2015</b> , 103, 105-14	2.8	8
156	Biological activities of ribosome-inactivating proteins and their possible applications as antimicrobial, anticancer, and anti-pest agents and in neuroscience research. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 9847-63	5.7	17
155	MicroRNA-29b/Tet1 regulatory axis epigenetically modulates mesendoderm differentiation in mouse embryonic stem cells. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 7805-22	20.1	17
154	Dynamic changes of DNA epigenetic marks in mouse oocytes during natural and accelerated aging. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 67, 121-7	5.6	18
153	Stem cell aging in adult progeria. <i>Cell Regeneration</i> , <b>2015</b> , 4, 6	2.5	3
152	Enumeration and functional investigation of endothelial progenitor cells in neovascularization of diabetic foot ulcer rats with a Chinese 2-herb formula. <i>Journal of Diabetes</i> , <b>2015</b> , 7, 718-28	3.8	7
151	Family-based analysis of eight susceptibility loci in polycystic ovary syndrome. <i>Scientific Reports</i> , <b>2015</b> , 5, 12619	4.9	9
150	GermlncRNA: a unique catalogue of long non-coding RNAs and associated regulations in male germ cell development. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2015</b> , 2015, bav044	5	16
149	Chitosan: An Update on Potential Biomedical and Pharmaceutical Applications. <i>Marine Drugs</i> , <b>2015</b> , 13, 5156-86	6	650
148	Identification of Target Genes Involved in Wound Healing Angiogenesis of Endothelial Cells with the Treatment of a Chinese 2-Herb Formula. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139342	3.7	4
147	Characterization of the nasopharyngeal carcinoma methylome identifies aberrant disruption of key signaling pathways and methylated tumor suppressor genes. <i>Epigenomics</i> , <b>2015</b> , 7, 155-73	4.4	44
146	A Chinese 2-herb formula (NF3) promotes hindlimb ischemia-induced neovascularization and wound healing of diabetic rats. <i>Journal of Diabetes and Its Complications</i> , <b>2014</b> , 28, 436-47	3.2	20
145	Insulin exerts direct, IGF-1 independent actions in growth plate chondrocytes. <i>Bone Research</i> , <b>2014</b> , 2, 14012	13.3	17

144	A miR-199a/miR-214 self-regulatory network via PSMD10, TP53 and DNMT1 in testicular germ cell tumor. <i>Scientific Reports</i> , <b>2014</b> , 4, 6413	4.9	50
143	Long noncoding RNAs in spermatogenesis: insights from recent high-throughput transcriptome studies. <i>Reproduction</i> , <b>2014</b> , 147, R131-41	3.8	76
142	The de novo DNA methyltransferase DNMT3A in development and cancer. <i>Epigenetics</i> , <b>2014</b> , 9, 669-77	5.7	49
141	Healing effect of a two-herb recipe (NF3) on foot ulcers in Chinese patients with diabetes: a randomized double-blind placebo-controlled study. <i>Journal of Diabetes</i> , <b>2014</b> , 6, 323-34	3.8	16
140	Comprehensive proteomic analysis of a Chinese 2-herb formula (Astragali Radix and Rehmanniae Radix) on mature endothelial cells. <i>Proteomics</i> , <b>2014</b> , 14, 2089-103	4.8	6
139	microRNA-199a-3p, DNMT3A, and aberrant DNA methylation in testicular cancer. <i>Epigenetics</i> , <b>2014</b> , 9, 119-28	5.7	46
138	LIF-dependent primitive neural stem cells derived from mouse ES cells represent a reversible stage of neural commitment. <i>Stem Cell Research</i> , <b>2013</b> , 11, 1091-102	1.6	6
137	Long-term vitamin A deficiency induces alteration of adult mouse spermatogenesis and spermatogonial differentiation: direct effect on spermatogonial gene expression and indirect effects via somatic cells. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1123-35	6.3	14
136	A herbal formula containing roots of <i>Salvia miltiorrhiza</i> (Danshen) and <i>Pueraria lobata</i> (Gegen) inhibits inflammatory mediators in LPS-stimulated RAW 264.7 macrophages through inhibition of nuclear factor $\kappa$ B (NF $\kappa$ B) pathway. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 145, 776-83	5	32
135	Gene expression profiling on the molecular action of danshen-gegen formula in a randomized placebo-controlled trial of postmenopausal women with hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 703705	2.3	5
134	Up-regulation of proliferative and migratory genes in regulatory T cells from patients with metastatic castration-resistant prostate cancer. <i>International Journal of Cancer</i> , <b>2013</b> , 133, 373-82	7.5	23
133	Crosstalk from non-cancerous mitochondria can inhibit tumor properties of metastatic cells by suppressing oncogenic pathways. <i>PLoS ONE</i> , <b>2013</b> , 8, e61747	3.7	65
132	Molecular mechanisms of regulation and action of microRNA-199a in testicular germ cell tumor and glioblastomas. <i>PLoS ONE</i> , <b>2013</b> , 8, e83980	3.7	22
131	CD146+ human umbilical cord perivascular cells maintain stemness under hypoxia and as a cell source for skeletal regeneration. <i>PLoS ONE</i> , <b>2013</b> , 8, e76153	3.7	48
130	Mapping genomic features of tiling microarray data by TileMapper. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1067, 225-33	1.4	1
129	RNA Expression in Male Germ Cells During Spermatogenesis (Male Germ Cell Transcriptome) <b>2013</b> , 105-123		
128	Assessing the genomic effects of naked nanoceria in murine neuronal cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2012</b> , 8, 599-608	6	26
127	Flexible and versatile as a chameleon-sophisticated functions of microRNA-199a. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 8449-66	6.3	48

126	Methylation profiling using methylated DNA immunoprecipitation and tiling array hybridization. <i>Methods in Molecular Biology</i> , <b>2012</b> , 825, 115-26	1.4	5
125	Revealing the transcriptome landscape of mouse spermatogonial cells by tiling microarray. <i>Methods in Molecular Biology</i> , <b>2012</b> , 825, 75-92	1.4	7
124	RNA Expression in Male Germ Cells During Spermatogenesis (Male Germ Cell Transcriptome) <b>2011</b> , 107-121		2
123	Methylation patterns of Brahma during spermatogenesis and oogenesis: potential implications. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 382-4	4.8	2
122	Differential methylation of imprinted genes in growth-restricted placentas. <i>Reproductive Sciences</i> , <b>2011</b> , 18, 1111-7	3	33
121	Methylation of an intronic region regulates miR-199a in testicular tumor malignancy. <i>Oncogene</i> , <b>2011</b> , 30, 3404-15	9.2	114
120	Expression of human NAA11 (ARD1B) gene is tissue-specific and is regulated by DNA methylation. <i>Epigenetics</i> , <b>2011</b> , 6, 1391-9	5.7	10
119	Molecular Basis of Diseases of the Endocrine System <b>2010</b> , 289-307		2
118	Age affects gene expression in mouse spermatogonial stem/progenitor cells. <i>Reproduction</i> , <b>2010</b> , 139, 1011-20	3.8	28
117	GonadSAGE: a comprehensive SAGE database for transcript discovery on male embryonic gonad development. <i>Bioinformatics</i> , <b>2010</b> , 26, 585-6	7.2	24
116	Genome-wide DNA methylation profiling reveals novel epigenetically regulated genes and non-coding RNAs in human testicular cancer. <i>British Journal of Cancer</i> , <b>2010</b> , 102, 419-27	8.7	110
115	Molecular Basis of Diseases of the Endocrine System <b>2009</b> , 435-463		
114	Expression profiling during ocular development identifies 2 Nlz genes with a critical role in optic fissure closure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 1462-7	11.5	55
113	Cloning, characterization, and expression analysis of the novel acetyltransferase retrogene <i>Ard1b</i> in the mouse. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 302-9	3.9	18
112	The molecular signature of spermatogonial stem/progenitor cells in the 6-day-old mouse testis. <i>Biology of Reproduction</i> , <b>2009</b> , 80, 707-17	3.9	76
111	GermSAGE: a comprehensive SAGE database for transcript discovery on male germ cell development. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, D891-7	20.1	18
110	Genomic landscape of developing male germ cells. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , <b>2009</b> , 87, 43-63		38
109	DNA methylation of cancer genome. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , <b>2009</b> , 87, 335-50		100



108	Assessing the safety of nanomaterials by genomic approach could be another alternative. <i>ACS Nano</i> , <b>2009</b> , 3, 3830; author reply 3830-1	16.7	15
107	Developmental staging of male murine embryonic gonad by SAGE analysis. <i>Journal of Genetics and Genomics</i> , <b>2009</b> , 36, 215-27	4	8
106	Metastasis-associated gene expression profile of liver and subcutaneous lesions derived from mouse pheochromocytoma cells. <i>Molecular Carcinogenesis</i> , <b>2008</b> , 47, 245-51	5	14
105	Human chorionic gonadotropin induces neuronal differentiation of PC12 cells through activation of stably expressed lutropin/choriogonadotropin receptor. <i>Endocrinology</i> , <b>2007</b> , 148, 5865-73	4.8	25
104	The Y-encoded TSPY protein: a significant marker potentially plays a role in the pathogenesis of testicular germ cell tumors. <i>Human Pathology</i> , <b>2007</b> , 38, 1470-81	3.7	70
103	ANTISENSE TRANSCRIPTION IN DEVELOPING MALE GERM CELLS <b>2007</b> , 201-220		1
102	TSPY potentiates cell proliferation and tumorigenesis by promoting cell cycle progression in HeLa and NIH3T3 cells. <i>BMC Cancer</i> , <b>2006</b> , 6, 154	4.8	77
101	Biological effect of a novel mutation in the third leucine-rich repeat of human luteinizing hormone receptor. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 2493-503		19
100	Serial analysis of gene expression in adrenocortical hyperplasia caused by a germline PRKAR1A mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 584-96	5.6	56
99	Microarray technology offers a novel tool for the diagnosis and identification of therapeutic targets for male infertility. <i>Reproduction</i> , <b>2006</b> , 132, 11-9	3.8	37
98	Structural characterization and expression studies of Dby and its homologs in the mouse. <i>Journal of Andrology</i> , <b>2006</b> , 27, 653-61		26
97	Transcriptome analyses of male germ cells with serial analysis of gene expression (SAGE). <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 250, 8-19	4.4	30
96	Variable presentation of precocious puberty associated with the D564G mutation of the LHCGR gene in children with testotoxicosis. <i>Journal of Pediatrics</i> , <b>2006</b> , 149, 271-4	3.6	15
95	The complexity of antisense transcription revealed by the study of developing male germ cells. <i>Genomics</i> , <b>2006</b> , 87, 681-92	4.3	27
94	Application of transcriptional and biological network analyses in mouse germ-cell transcriptomes. <i>Genomics</i> , <b>2006</b> , 88, 18-33	4.3	26
93	Expression profiling of purified male germ cells: stage-specific expression patterns related to meiosis and postmeiotic development. <i>Physiological Genomics</i> , <b>2006</b> , 24, 75-85	3.6	44
92	Haploinsufficiency of cytochrome P450 17alpha-hydroxylase/17,20 lyase (CYP17) causes infertility in male mice. <i>Molecular Endocrinology</i> , <b>2005</b> , 19, 2380-9		35
91	Leydig cell hypoplasia due to inactivation of luteinizing hormone receptor by a novel homozygous nonsense truncation mutation in the seventh transmembrane domain. <i>Molecular and Cellular Endocrinology</i> , <b>2005</b> , 229, 57-64	4.4	21

90	A novel function of differentiation revealed by cDNA microarray profiling of p75NTR-regulated gene expression. <i>Differentiation</i> , <b>2005</b> , 73, 385-96	3.5	14
89	Downregulation of metastasis suppressor genes in malignant pheochromocytoma. <i>International Journal of Cancer</i> , <b>2005</b> , 114, 139-43	7.5	87
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2	Inactivation of the Luteinizing Hormone/Chorionic Gonadotropin Receptor by an Insertional Mutation in Leydig Cell Hypoplasia		16
1	scATAC-Seq reveals epigenetic heterogeneity associated with an EMT-like process in male germline stem cells and its regulation by G9a		1

