

Wai-Yee Chan

List of Publications by Citations

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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	Chitosan: An Update on Potential Biomedical and Pharmaceutical Applications. <i>Marine Drugs</i> , 2015 , 13, 5156-86	6	650
232	Characterization of the cDNA encoding human nucleophosmin and studies of its role in normal and abnormal growth. <i>Biochemistry</i> , 1989 , 28, 1033-9	3.2	261
231	Genetic heterogeneity of constitutively activating mutations of the human luteinizing hormone receptor in familial male-limited precocious puberty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1906-10	11.5	210
230	A research agenda for aging in China in the 21st century. <i>Ageing Research Reviews</i> , 2015 , 24, 197-205	12	198
229	A nonsense mutation of the human luteinizing hormone receptor gene in Leydig cell hypoplasia. <i>Human Molecular Genetics</i> , 1995 , 4, 1429-33	5.6	115
228	Characterization of a complementary deoxyribonucleic acid coding for the alpha chain of human fibrinogen. <i>Biochemistry</i> , 1983 , 22, 3237-44	3.2	115
227	Methylation of an intronic region regulates miR-199a in testicular tumor malignancy. <i>Oncogene</i> , 2011 , 30, 3404-15	9.2	114
226	Genome-wide DNA methylation profiling reveals novel epigenetically regulated genes and non-coding RNAs in human testicular cancer. <i>British Journal of Cancer</i> , 2010 , 102, 419-27	8.7	110
225	Retinoic acid receptor-beta: an endogenous inhibitor of the perinatal formation of pulmonary alveoli. <i>Physiological Genomics</i> , 2000 , 4, 51-7	3.6	106
224	DNA methylation of cancer genome. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2009 , 87, 335-50		100
223	MicroRNAs: Key Regulators in the Central Nervous System and Their Implication in Neurological Diseases. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	97
222	Characterization of a complementary deoxyribonucleic acid coding for the gamma chain of human fibrinogen. <i>Biochemistry</i> , 1983 , 22, 3250-6	3.2	93
221	Downregulation of metastasis suppressor genes in malignant pheochromocytoma. <i>International Journal of Cancer</i> , 2005 , 114, 139-43	7.5	87
220	Compound heterozygous mutations of the luteinizing hormone receptor gene in Leydig cell hypoplasia. <i>Molecular Endocrinology</i> , 1996 , 10, 987-997		84
219	Nanoparticle delivery of stable miR-199a-5p agomir improves the osteogenesis of human mesenchymal stem cells via the HIF1a pathway. <i>Biomaterials</i> , 2015 , 53, 239-50	15.6	81
218	A sequential EMT-MET mechanism drives the differentiation of human embryonic stem cells towards hepatocytes. <i>Nature Communications</i> , 2017 , 8, 15166	17.4	77
217	TSPY potentiates cell proliferation and tumorigenesis by promoting cell cycle progression in HeLa and NIH3T3 cells. <i>BMC Cancer</i> , 2006 , 6, 154	4.8	77

216	Long noncoding RNAs in spermatogenesis: insights from recent high-throughput transcriptome studies. <i>Reproduction</i> , 2014 , 147, R131-41	3.8	76
215	The molecular signature of spermatogonial stem/progenitor cells in the 6-day-old mouse testis. <i>Biology of Reproduction</i> , 2009 , 80, 707-17	3.9	76
214	The Y-encoded TSPY protein: a significant marker potentially plays a role in the pathogenesis of testicular germ cell tumors. <i>Human Pathology</i> , 2007 , 38, 1470-81	3.7	70
213	Autophagy and mTORC1 regulate the stochastic phase of somatic cell reprogramming. <i>Nature Cell Biology</i> , 2015 , 17, 715-25	23.4	68
212	Epigenetic inactivation of the CpG demethylase TET1 as a DNA methylation feedback loop in human cancers. <i>Scientific Reports</i> , 2016 , 6, 26591	4.9	66
211	Snake venom toxins: toxicity and medicinal applications. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 6165-6181	5.7	65
210	Crosstalk from non-cancerous mitochondria can inhibit tumor properties of metastatic cells by suppressing oncogenic pathways. <i>PLoS ONE</i> , 2013 , 8, e61747	3.7	65
209	Spectrum of mutations of the AAAS gene in Allgrove syndrome: lack of mutations in six kindreds with isolated resistance to corticotropin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 5433-7	5.6	61
208	Serial analysis of gene expression in adrenocortical hyperplasia caused by a germline PRKAR1A mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 584-96	5.6	56
207	Inactivation of the luteinizing hormone/chorionic gonadotropin receptor by an insertional mutation in Leydig cell hypoplasia. <i>Molecular Endocrinology</i> , 1998 , 12, 1651-60		56
206	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> , 2009 , 106, 1462-7	11.5	55
205	Cell culture studies of Menkes kinky hair disease. <i>Clinica Chimica Acta</i> , 1978 , 88, 495-507	6.2	53
204	Marine natural products with anti-inflammatory activity. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1645-1666	5.7	52
203	Analysis of mouse germ-cell transcriptome at different stages of spermatogenesis by SAGE: biological significance. <i>Genomics</i> , 2004 , 84, 971-81	4.3	51
202	A miR-199a/miR-214 self-regulatory network via PSMD10, TP53 and DNMT1 in testicular germ cell tumor. <i>Scientific Reports</i> , 2014 , 4, 6413	4.9	50
201	Conserved miR-10 family represses proliferation and induces apoptosis in ovarian granulosa cells. <i>Scientific Reports</i> , 2017 , 7, 41304	4.9	49
200	The de novo DNA methyltransferase DNMT3A in development and cancer. <i>Epigenetics</i> , 2014 , 9, 669-77	5.7	49
199	Cloning of the cDNA of alpha-momorcharin: a ribosome inactivating protein. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991 , 1088, 311-4		49

198	Flexible and versatile as a chameleon-sophisticated functions of microRNA-199a. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8449-66	6.3	48
197	CD146+ human umbilical cord perivascular cells maintain stemness under hypoxia and as a cell source for skeletal regeneration. <i>PLoS ONE</i> , 2013 , 8, e76153	3.7	48
196	Idiopathic Autism: Cellular and Molecular Phenotypes in Pluripotent Stem Cell-Derived Neurons. <i>Molecular Neurobiology</i> , 2017 , 54, 4507-4523	6.2	47
195	Chromatin Accessibility Dynamics during Chemical Induction of Pluripotency. <i>Cell Stem Cell</i> , 2018 , 22, 529-542.e5	18	47
194	microRNA-199a-3p, DNMT3A, and aberrant DNA methylation in testicular cancer. <i>Epigenetics</i> , 2014 , 9, 119-28	5.7	46
193	Characterization of the nasopharyngeal carcinoma methylome identifies aberrant disruption of key signaling pathways and methylated tumor suppressor genes. <i>Epigenomics</i> , 2015 , 7, 155-73	4.4	44
192	Expression profiling of purified male germ cells: stage-specific expression patterns related to meiosis and postmeiotic development. <i>Physiological Genomics</i> , 2006 , 24, 75-85	3.6	44
191	Heterogeneity of activating mutations of the human luteinizing hormone receptor in male-limited precocious puberty. <i>Biochemical and Molecular Medicine</i> , 1996 , 58, 192-8		44
190	U94 alters FN1 and ANGPTL4 gene expression and inhibits tumorigenesis of prostate cancer cell line PC3. <i>Cancer Cell International</i> , 2005 , 5, 19	6.4	43
189	Testicular seminoma in a patient with a constitutively activating mutation of the luteinizing hormone/chorionic gonadotropin receptor. <i>European Journal of Endocrinology</i> , 1998 , 139, 101-6	6.5	41
188	Nodular Leydig cell hyperplasia in a boy with familial male-limited precocious puberty. <i>Journal of Pediatrics</i> , 2001 , 138, 949-51	3.6	39
187	Genomic landscape of developing male germ cells. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2009 , 87, 43-63		38
186	Microarray technology offers a novel tool for the diagnosis and identification of therapeutic targets for male infertility. <i>Reproduction</i> , 2006 , 132, 11-9	3.8	37
185	Identification of differentially expressed genes in mouse spermatogenesis. <i>Journal of Andrology</i> , 2003 , 24, 899-911		37
184	Molecular genetic, biochemical, and clinical implications of gonadotropin receptor mutations. <i>Molecular Genetics and Metabolism</i> , 1998 , 63, 75-84	3.7	37
183	Haploinsufficiency of cytochrome P450 17alpha-hydroxylase/17,20 lyase (CYP17) causes infertility in male mice. <i>Molecular Endocrinology</i> , 2005 , 19, 2380-9		35
182	Genetic heterogeneity of adrenocorticotropin (ACTH) resistance syndromes: identification of a novel mutation of the ACTH receptor gene in hereditary glucocorticoid deficiency. <i>Molecular Genetics and Metabolism</i> , 1998 , 64, 256-65	3.7	35
181	Differential methylation of imprinted genes in growth-restricted placentas. <i>Reproductive Sciences</i> , 2011 , 18, 1111-7	3	33

180	A polyamine-conjugated peptide isolated from human plasma. <i>Archives of Biochemistry and Biophysics</i> , 1979 , 198, 164-74	4.1	33
179	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 κ B (NF κ B) pathway. <i>Journal of Ethnopharmacology</i> , 2013 , 145, 776-83	5	32
178	Characterization of cDNA encoding human pregnancy-specific beta 1-glycoprotein from placenta and extraplacental tissues and their comparison with carcinoembryonic antigen. <i>DNA and Cell Biology</i> , 1988 , 7, 545-55		31
177	Long noncoding RNA HCP5 participates in premature ovarian insufficiency by transcriptionally regulating MSH5 and DNA damage repair via YB1. <i>Nucleic Acids Research</i> , 2020 , 48, 4480-4491	20.1	30
176	Transcriptome analyses of male germ cells with serial analysis of gene expression (SAGE). <i>Molecular and Cellular Endocrinology</i> , 2006 , 250, 8-19	4.4	30
175	The Role of microRNAs in Ovarian Granulosa Cells in Health and Disease. <i>Frontiers in Endocrinology</i> , 2019 , 10, 174	5.7	28
174	Age affects gene expression in mouse spermatogonial stem/progenitor cells. <i>Reproduction</i> , 2010 , 139, 1011-20	3.8	28
173	The complexity of antisense transcription revealed by the study of developing male germ cells. <i>Genomics</i> , 2006 , 87, 681-92	4.3	27
172	Accessing the genomic effects of naked nanoceria in murine neuronal cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 599-608	6	26
171	Structural characterization and expression studies of Dby and its homologs in the mouse. <i>Journal of Andrology</i> , 2006 , 27, 653-61		26
170	Application of transcriptional and biological network analyses in mouse germ-cell transcriptomes. <i>Genomics</i> , 2006 , 88, 18-33	4.3	26
169	Pregnancy-specific glycoprotein gene expression in recurrent aborters: a potential correlation to interleukin-10 expression. <i>American Journal of Reproductive Immunology</i> , 1999 , 41, 174-82	3.8	26
168	A novel luteinizing hormone receptor mutation in a patient with familial male-limited precocious puberty: effect of the size of a critical amino acid on receptor activity. <i>Molecular Genetics and Metabolism</i> , 1999 , 66, 68-73	3.7	26
167	Polyamine conjugates and total polyamine concentrations in human amniotic fluid. <i>Clinica Chimica Acta</i> , 1979 , 91, 233-41	6.2	26
166	An epigenetic regulator: methyl-CpG-binding domain protein 1 (MBD1). <i>International Journal of Molecular Sciences</i> , 2015 , 16, 5125-40	6.3	25
165	Human chorionic gonadotropin induces neuronal differentiation of PC12 cells through activation of stably expressed lutropin/choriogonadotropin receptor. <i>Endocrinology</i> , 2007 , 148, 5865-73	4.8	25
164	Genetic expression of Wilson's disease in cell culture: a diagnostic marker. <i>Science</i> , 1980 , 208, 299-300	33.3	25
163	Spectrum of Mutations of the AAAS Gene in Allgrove Syndrome: Lack of Mutations in Six Kindreds with Isolated Resistance to Corticotropin 2001 ,		25

162	GonadSAGE: a comprehensive SAGE database for transcript discovery on male embryonic gonad development. <i>Bioinformatics</i> , 2010 , 26, 585-6	7.2	24
161	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> , 2013 , 133, 373-82	7.5	23
160	Expression of pregnancy-specific beta 1-glycoprotein genes in hematopoietic cells. <i>Molecular and Cellular Biochemistry</i> , 1993 , 122, 147-58	4.2	23
159	CFTR-βatenin interaction regulates mouse embryonic stem cell differentiation and embryonic development. <i>Cell Death and Differentiation</i> , 2017 , 24, 98-110	12.7	22
158	Molecular mechanisms of regulation and action of microRNA-199a in testicular germ cell tumor and glioblastomas. <i>PLoS ONE</i> , 2013 , 8, e83980	3.7	22
157	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> , 2005 , 229, 57-64	4.4	21
156	New insights into the unfolded protein response in stem cells. <i>Oncotarget</i> , 2016 , 7, 54010-54027	3.3	21
155	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> , 2014 , 28, 436-47	3.2	20
154	Expression of the pregnancy-specific beta 1-glycoprotein genes in human testis. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 166, 622-9	3.4	20
153	Melatonin as Potential Targets for Delaying Ovarian Aging. <i>Current Drug Targets</i> , 2019 , 20, 16-28	3	20
152	Short-Term Mitochondrial Permeability Transition Pore Opening Modulates Histone Lysine Methylation at the Early Phase of Somatic Cell Reprogramming. <i>Cell Metabolism</i> , 2018 , 28, 935-945.e5	24.6	20
151	Biological effect of a novel mutation in the third leucine-rich repeat of human luteinizing hormone receptor. <i>Molecular Endocrinology</i> , 2006 , 20, 2493-503		19
150	Characterization of cDNAs of the human pregnancy-specific beta 1-glycoprotein family, a new subfamily of the immunoglobulin gene superfamily. <i>Biochemistry</i> , 1990 , 29, 2845-52	3.2	19
149	On the formation of amino acids deriving from spermidine and spermine. <i>Biochemical Journal</i> , 1981 , 200, 123-32	3.8	19
148	Circulating MicroRNAs in Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	18
147	Dynamic changes of DNA epigenetic marks in mouse oocytes during natural and accelerated aging. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 67, 121-7	5.6	18
146	Cloning, characterization, and expression analysis of the novel acetyltransferase retrogene <i>Ard1b</i> in the mouse. <i>Biology of Reproduction</i> , 2009 , 81, 302-9	3.9	18
145	GermSAGE: a comprehensive SAGE database for transcript discovery on male germ cell development. <i>Nucleic Acids Research</i> , 2009 , 37, D891-7	20.1	18

144	Cytogenetic abnormalities in attention-deficit/hyperactivity disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2002 , 41, 806-10	7.2	18
143	Pregnancy-specific beta 1 glycoprotein mRNA is present in placental as well as non-placental tissues. <i>Human Reproduction</i> , 1988 , 3, 677-85	5.7	18
142	Isolation and characterization of a polyamine-peptide conjugate from human amniotic fluid. <i>Clinica Chimica Acta</i> , 1979 , 95, 461-72	6.2	18
141	Fertility factors affect the vaginal microbiome in women of reproductive age. <i>American Journal of Reproductive Immunology</i> , 2020 , 83, e13220	3.8	18
140	The HMGA2-IMP2 Pathway Promotes Granulosa Cell Proliferation in Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1049-1059	5.6	17
139	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> , 2015 , 99, 9847-63	5.7	17
138	MicroRNA-29b/Tet1 regulatory axis epigenetically modulates mesendoderm differentiation in mouse embryonic stem cells. <i>Nucleic Acids Research</i> , 2015 , 43, 7805-22	20.1	17
137	Hypermethylation of genes in testicular embryonal carcinomas. <i>British Journal of Cancer</i> , 2016 , 114, 2308-17	5.7	17
136	Insulin exerts direct, IGF-1 independent actions in growth plate chondrocytes. <i>Bone Research</i> , 2014 , 2, 14012	13.3	17
135	Revealing cellular and molecular transitions in neonatal germ cell differentiation using single cell RNA sequencing. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	16
134	MicroRNAs mediated targeting on the Yin-yang dynamics of DNA methylation in disease and development. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 67, 115-20	5.6	16
133	GermlincRNA: 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> , 2015 , 2015, bav044	5	16
132	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> , 2014 , 6, 323-34	3.8	16
131	Male pseudohermaphroditism due to inactivating luteinizing hormone receptor mutations. <i>Archives of Medical Research</i> , 1999 , 30, 495-500	6.6	16
130	Inactivation of the Luteinizing Hormone/Chorionic Gonadotropin Receptor by an Insertional Mutation in Leydig Cell Hypoplasia		16
129	MicroRNA-10a promotes granulosa cells tumor development via PTEN-AKT/Wnt regulatory axis. <i>Cell Death and Disease</i> , 2018 , 9, 1076	9.8	16
128	Studying Werner syndrome to elucidate mechanisms and therapeutics of human aging and age-related diseases. <i>Biogerontology</i> , 2019 , 20, 255-269	4.5	15
127	Bruton's tyrosine kinase potentiates ALK signaling and serves as a potential therapeutic target of neuroblastoma. <i>Oncogene</i> , 2018 , 37, 6180-6194	9.2	15

126	Assessing the safety of nanomaterials by genomic approach could be another alternative. <i>ACS Nano</i> , 2009 , 3, 3830; author reply 3830-1	16.7	15
125	Polymorphisms in the coding exons of the human luteinizing hormone receptor gene. <i>Human Mutation</i> , 1998 , 11, 333-334	4.7	15
124	Variable presentation of precocious puberty associated with the D564G mutation of the LHCGR gene in children with testotoxicosis. <i>Journal of Pediatrics</i> , 2006 , 149, 271-4	3.6	15
123	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> , 2013 , 24, 1123-35	6.3	14
122	Identification of reference genes for qRT-PCR in granulosa cells of healthy women and polycystic ovarian syndrome patients. <i>Scientific Reports</i> , 2017 , 7, 6961	4.9	14
121	Metastasis-associated gene expression profile of liver and subcutaneous lesions derived from mouse pheochromocytoma cells. <i>Molecular Carcinogenesis</i> , 2008 , 47, 245-51	5	14
120	A novel missense homozygous inactivating mutation in the fourth transmembrane helix of the luteinizing hormone receptor in leydig cell hypoplasia. <i>American Journal of Medical Genetics Part A</i> , 2004 , 130A, 146-53		14
119	A novel function of differentiation revealed by cDNA microarray profiling of p75NTR-regulated gene expression. <i>Differentiation</i> , 2005 , 73, 385-96	3.5	14
118	Androgen receptors in ventral prostate glands of zinc deficient rats. <i>Life Sciences</i> , 1986 , 38, 351-6	6.8	14
117	Comparative studies of manganese binding in human breast milk, bovine milk and infant formula. <i>Journal of Nutrition</i> , 1982 , 112, 642-51	4.1	14
116	STMN1 Promotes Progesterone Production Via StAR Up-regulation in Mouse Granulosa Cells. <i>Scientific Reports</i> , 2016 , 6, 26691	4.9	13
115	Comparative studies on the chemical and immunochemical properties of human milk, human pancreatic juice and bovine milk lactoferrin. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1984 , 78, 575-80		13
114	Determination of gamma-aminobutyric acid by reversed-phase high-performance liquid chromatography and pre-column labeling for fluorescence detection. <i>Biomedical Applications</i> , 1982 , 230, 121-4		13
113	Metal-binding studies of metallothioneins in Menkes kinky hair disease. <i>Clinica Chimica Acta</i> , 1978 , 88, 221-8	6.2	13
112	Transplantation of Retinal Ganglion Cells Derived from Male Germline Stem Cell as a Potential Treatment to Glaucoma. <i>Stem Cells and Development</i> , 2019 , 28, 1365-1375	4.4	12
111	Fungal proteinaceous compounds with multiple biological activities. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 6601-6617	5.7	12
110	Comparative studies of selenium-75 (selenite and selenomethionine) absorption from various milk diets in suckling rats. <i>Journal of Nutrition</i> , 1986 , 116, 1456-63	4.1	12
109	Evidence for genetic susceptibility to thrombosis in idiopathic intracranial hypertension. <i>Thrombosis Research</i> , 2003 , 111, 389-95	8.2	11

108	Copper and ceruloplasmin activity in human amniotic fluid. <i>American Journal of Obstetrics and Gynecology</i> , 1980 , 138, 257-9	6.4	11
107	Metabolic actions of insulin in ovarian granulosa cells were unaffected by hyperandrogenism. <i>Endocrine</i> , 2016 , 53, 823-30	4	11
106	Icaritin enhances mESC self-renewal through upregulating core pluripotency transcription factors mediated by ER α . <i>Scientific Reports</i> , 2017 , 7, 40894	4.9	10
105	Comparison of multi-lineage differentiation of hiPSCs reveals novel miRNAs that regulate lineage specification. <i>Scientific Reports</i> , 2018 , 8, 9630	4.9	10
104	Expression of human NAA11 (ARD1B) gene is tissue-specific and is regulated by DNA methylation. <i>Epigenetics</i> , 2011 , 6, 1391-9	5.7	10
103	Cloning of a human acid sphingomyelinase cDNA with a new mutation that renders the enzyme inactive. <i>Journal of Biochemistry</i> , 1993 , 114, 15-20	3.1	10
102	Characterization of new members of the pregnancy-specific beta 1-glycoprotein family. <i>Molecular and Cellular Biochemistry</i> , 1991 , 106, 161-70	4.2	10
101	Pregnancy-specific beta 1 glycoprotein in rat: tissue distribution of the mRNA and identification of testicular cDNA clones. <i>Human Reproduction</i> , 1988 , 3, 687-92	5.7	10
100	Studies of lipids, lipoproteins, and apolipoproteins in Menkes disease. <i>Pediatric Research</i> , 1984 , 18, 864-70	3.0	10
99	Inducibility of metallothionein biosynthesis in cultured normal and Menkes kinky hair disease fibroblasts: effects of copper and cadmium. <i>Pediatric Research</i> , 1979 , 13, 197-203	3.2	10
98	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> , 2016 , 1863, 2201-11	4.9	9
97	Family-based analysis of eight susceptibility loci in polycystic ovary syndrome. <i>Scientific Reports</i> , 2015 , 5, 12619	4.9	9
96	Copper-histidine treatment of Menkes disease. <i>Journal of Pediatrics</i> , 1994 , 125, 336-8	3.6	9
95	Pregnancy specific beta 1-glycoprotein in human intestine. <i>Molecular and Cellular Biochemistry</i> , 1993 , 120, 159-70	4.2	9
94	L3MBTL2 regulates chromatin remodeling during spermatogenesis. <i>Cell Death and Differentiation</i> , 2019 , 26, 2194-2207	12.7	9
93	Proteins, peptides, polysaccharides, and nucleotides with inhibitory activity on human immunodeficiency virus and its enzymes. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 10399-414	5.7	8
92	Expression of steroidogenesis-related genes in murine male germ cells. <i>Steroids</i> , 2015 , 103, 105-14	2.8	8
91	Developmental staging of male murine embryonic gonad by SAGE analysis. <i>Journal of Genetics and Genomics</i> , 2009 , 36, 215-27	4	8

90	Comparative biological availability of manganese from extrinsically labelled milk diets using sucking rats as a model. <i>British Journal of Nutrition</i> , 1986 , 55, 49-58	3.6	8
89	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> , 2015 , 7, 718-28	3.8	7
88	MicroRNA profiling during directed differentiation of cortical interneurons from human-induced pluripotent stem cells. <i>FEBS Open Bio</i> , 2018 , 8, 502-512	2.7	7
87	Effect of pregnancy-specific beta 1-glycoprotein on the development of preimplantation embryo. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999 , 220, 169-77		7
86	Intestinal transport of manganese from human milk, bovine milk and infant formula in rats. <i>Life Sciences</i> , 1984 , 35, 2415-9	6.8	7
85	Menkes metallothionein and copper metabolism. <i>Pediatric Research</i> , 1979 , 13, 204-5	3.2	7
84	Organ specific zinc deficiency in testicular feminization rats: hormone-metal interaction. <i>Biochemical and Biophysical Research Communications</i> , 1981 , 102, 630-5	3.4	7
83	Revealing the transcriptome landscape of mouse spermatogonial cells by tiling microarray. <i>Methods in Molecular Biology</i> , 2012 , 825, 75-92	1.4	7
82	Tumor Suppression of Ras GTPase-Activating Protein RASA5 through Antagonizing Ras Signaling Perturbation in Carcinomas. <i>IScience</i> , 2019 , 21, 1-18	6.1	6
81	Hippo kinases MST1 and MST2 control the differentiation of the epididymal initial segment via the MEK-ERK pathway. <i>Cell Death and Differentiation</i> , 2020 , 27, 2797-2809	12.7	6
80	LIF-dependent primitive neural stem cells derived from mouse ES cells represent a reversible stage of neural commitment. <i>Stem Cell Research</i> , 2013 , 11, 1091-102	1.6	6
79	Comprehensive proteomic analysis of a Chinese 2-herb formula (Astragali Radix and Rehmanniae Radix) on mature endothelial cells. <i>Proteomics</i> , 2014 , 14, 2089-103	4.8	6
78	Effect of Pregnancy-Specific β -1-Glycoprotein on the Development of Preimplantation Embryo. <i>Experimental Biology and Medicine</i> , 1999 , 220, 169-177	3.7	6
77	Localization of pregnancy-specific beta 1-glycoprotein in the male reproductive tract of the rat by in situ hybridization. <i>Biology of Reproduction</i> , 1991 , 45, 704-10	3.9	6
76	Characterization of baboon pregnancy-specific beta 1-glycoprotein. <i>Biology of Reproduction</i> , 1989 , 41, 1113-21	3.9	6
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