

Minoru Sh Ko

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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.

156 papers	12,516 citations	58 h-index	110 g-index
169 ext. papers	13,927 ext. citations	7.3 avg, IF	5.83 L-index

#	Paper	IF	Citations
156	Pluripotency governed by Sox2 via regulation of Oct3/4 expression in mouse embryonic stem cells. <i>Nature Cell Biology</i> , 2007 , 9, 625-35	23.4	893
155	Dynamics of global gene expression changes during mouse preimplantation development. <i>Developmental Cell</i> , 2004 , 6, 117-31	10.2	698
154	Maps from two interspecific backcross DNA panels available as a community genetic mapping resource. <i>Mammalian Genome</i> , 1994 , 5, 253-74	3.2	608
153	Sarcoma viruses carrying ras oncogenes induce differentiation-associated properties in a neuronal cell line. <i>Nature</i> , 1985 , 318, 73-5	50.4	446
152	The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). <i>Genome Research</i> , 2004 , 14, 2121-7	9.7	404
151	Age-associated alteration of gene expression patterns in mouse oocytes. <i>Human Molecular Genetics</i> , 2004 , 13, 2263-78	5.6	395
150	Database for mRNA half-life of 19 977 genes obtained by DNA microarray analysis of pluripotent and differentiating mouse embryonic stem cells. <i>DNA Research</i> , 2009 , 16, 45-58	4.5	378
149	Genome-wide expression profiling of mid-gestation placenta and embryo using a 15,000 mouse developmental cDNA microarray. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 9127-32	11.5	357
148	Zscan4 regulates telomere elongation and genomic stability in ES cells. <i>Nature</i> , 2010 , 464, 858-63	50.4	283
147	AGEMAP: a gene expression database for aging in mice. <i>PLoS Genetics</i> , 2007 , 3, e201	6	276
146	Loss of imprinting of Igf2 alters intestinal maturation and tumorigenesis in mice. <i>Science</i> , 2005 , 307, 1976-8	33.3	272
145	The Tabby phenotype is caused by mutation in a mouse homologue of the EDA gene that reveals novel mouse and human exons and encodes a protein (ectodysplasin-A) with collagenous domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 13069-74	11.5	241
144	A web-based tool for principal component and significance analysis of microarray data. <i>Bioinformatics</i> , 2005 , 21, 2548-9	7.2	211
143	Klf4 cooperates with Oct3/4 and Sox2 to activate the Lefty1 core promoter in embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7772-82	4.8	203
142	Mouse B-type lamins are required for proper organogenesis but not by embryonic stem cells. <i>Science</i> , 2011 , 334, 1706-10	33.3	200
141	Global gene expression analysis identifies molecular pathways distinguishing blastocyst dormancy and activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10326-31	11.5	194
140	Functional heterogeneity of embryonic stem cells revealed through translational amplification of an early endodermal transcript. <i>PLoS Biology</i> , 2010 , 8, e1000379	9.7	185

139	Zscan4: a novel gene expressed exclusively in late 2-cell embryos and embryonic stem cells. <i>Developmental Biology</i> , 2007 , 307, 539-50	3.1	178
138	Gene expression profiling of embryo-derived stem cells reveals candidate genes associated with pluripotency and lineage specificity. <i>Genome Research</i> , 2002 , 12, 1921-8	9.7	178
137	Totipotent embryonic stem cells arise in ground-state culture conditions. <i>Cell Reports</i> , 2013 , 3, 1945-57	10.6	164
136	Uncovering early response of gene regulatory networks in ESCs by systematic induction of transcription factors. <i>Cell Stem Cell</i> , 2009 , 5, 420-33	18	150
135	Dissecting Oct3/4-regulated gene networks in embryonic stem cells by expression profiling. <i>PLoS ONE</i> , 2006 , 1, e26	3.7	143
134	A stochastic model for gene induction. <i>Journal of Theoretical Biology</i> , 1991 , 153, 181-94	2.3	140
133	SCODE: an efficient regulatory network inference algorithm from single-cell RNA-Seq during differentiation. <i>Bioinformatics</i> , 2017 , 33, 2314-2321	7.2	138
132	Transcriptome analysis of mouse stem cells and early embryos. <i>PLoS Biology</i> , 2003 , 1, E74	9.7	135
131	BAF250B-associated SWI/SNF chromatin-remodeling complex is required to maintain undifferentiated mouse embryonic stem cells. <i>Stem Cells</i> , 2008 , 26, 1155-65	5.8	132
130	An equalized cDNA library by the reassociation of short double-stranded cDNAs. <i>Nucleic Acids Research</i> , 1990 , 18, 5705-11	20.1	130
129	Identification of Pou5f1, Sox2, and Nanog downstream target genes with statistical confidence by applying a novel algorithm to time course microarray and genome-wide chromatin immunoprecipitation data. <i>BMC Genomics</i> , 2008 , 9, 269	4.5	124
128	Comparative transcriptome analysis of embryonic and adult stem cells with extended and limited differentiation capacity. <i>Genome Biology</i> , 2007 , 8, R163	18.3	112
127	Identification of target genes and a unique cis element regulated by IRF-8 in developing macrophages. <i>Blood</i> , 2005 , 106, 1938-47	2.2	103
126	Essential role of chromatin remodeling protein Bptf in early mouse embryos and embryonic stem cells. <i>PLoS Genetics</i> , 2008 , 4, e1000241	6	102
125	Gene expression changes at metamorphosis induced by thyroid hormone in <i>Xenopus laevis</i> tadpoles. <i>Developmental Biology</i> , 2006 , 291, 342-55	3.1	99
124	Transcript copy number estimation using a mouse whole-genome oligonucleotide microarray. <i>Genome Biology</i> , 2005 , 6, R61	18.3	98
123	Exhaustive search for over-represented DNA sequence motifs with CisFinder. <i>DNA Research</i> , 2009 , 16, 261-73	4.5	97
122	Global gene expression profiling of preimplantation embryos. <i>Human Cell</i> , 2006 , 19, 98-117	4.5	96

121	Verification and initial annotation of the NIA mouse 15K cDNA clone set. <i>Nature Genetics</i> , 2001 , 28, 17-836.3	96
120	A genetically engineered ovarian cancer mouse model based on fallopian tube transformation mimics human high-grade serous carcinoma development. <i>Journal of Pathology</i> , 2014 , 233, 228-37	9.4 93
119	Top3 β is an RNA topoisomerase that works with fragile X syndrome protein to promote synapse formation. <i>Nature Neuroscience</i> , 2013 , 16, 1238-47	25.5 92
118	In situ-synthesized novel microarray optimized for mouse stem cell and early developmental expression profiling. <i>Genome Research</i> , 2003 , 13, 1011-21	9.7 91
117	Enhanced sensitivity to IGF-II signaling links loss of imprinting of IGF2 to increased cell proliferation and tumor risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20926-31	11.5 90
116	Plac8 and Plac9, novel placental-enriched genes identified through microarray analysis. <i>Gene</i> , 2003 , 309, 81-9	3.8 90
115	Induction mechanism of a single gene molecule: stochastic or deterministic?. <i>BioEssays</i> , 1992 , 14, 341-6	4.1 90
114	PLAC1, an Xq26 gene with placenta-specific expression. <i>Genomics</i> , 2000 , 68, 305-12	4.3 89
113	Rex1/Zfp42 is dispensable for pluripotency in mouse ES cells. <i>BMC Developmental Biology</i> , 2008 , 8, 45	3.1 87
112	Global gene expression profiling reveals similarities and differences among mouse pluripotent stem cells of different origins and strains. <i>Developmental Biology</i> , 2007 , 307, 446-59	3.1 87
111	The gene for multiple familial trichoepithelioma maps to chromosome 9p21. <i>Journal of Investigative Dermatology</i> , 1996 , 107, 41-3	4.3 82
110	Zscan4 restores the developmental potency of embryonic stem cells. <i>Nature Communications</i> , 2013 , 4, 1966	17.4 77
109	Genome-wide mapping of unselected transcripts from extraembryonic tissue of 7.5-day mouse embryos reveals enrichment in the t-complex and under-representation on the X chromosome. <i>Human Molecular Genetics</i> , 1998 , 7, 1967-78	5.6 71
108	Expression profiling of placentomegaly associated with nuclear transplantation of mouse ES cells. <i>Developmental Biology</i> , 2003 , 253, 36-53	3.1 70
107	Zscan4 transiently reactivates early embryonic genes during the generation of induced pluripotent stem cells. <i>Scientific Reports</i> , 2012 , 2, 208	4.9 69
106	Aging of oocyte, ovary, and human reproduction. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1034, 117-31	6.5 68
105	High-throughput screen for genes predominantly expressed in the ICM of mouse blastocysts by whole mount in situ hybridization. <i>Gene Expression Patterns</i> , 2006 , 6, 213-24	1.5 67
104	An in situ hybridization-based screen for heterogeneously expressed genes in mouse ES cells. <i>Gene Expression Patterns</i> , 2008 , 8, 181-98	1.5 66

103	Dax1 binds to Oct3/4 and inhibits its transcriptional activity in embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4574-83	4.8	61
102	A radiation hybrid map of mouse genes. <i>Nature Genetics</i> , 2001 , 29, 201-5	36.3	61
101	Identification of transcription factors for lineage-specific ESC differentiation. <i>Stem Cell Reports</i> , 2013 , 1, 545-59	8	59
100	Forkhead transcription factor FoxA1 regulates sweat secretion through Bestrophin 2 anion channel and Na-K-Cl cotransporter 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1199-203	11.5	59
99	Embryogenomics: developmental biology meets genomics. <i>Trends in Biotechnology</i> , 2001 , 19, 511-8	15.1	58
98	The absence of a Ca(2+) signal during mouse egg activation can affect parthenogenetic preimplantation development, gene expression patterns, and blastocyst quality. <i>Reproduction</i> , 2006 , 132, 45-57	3.8	55
97	Defining a developmental path to neural fate by global expression profiling of mouse embryonic stem cells and adult neural stem/progenitor cells. <i>Stem Cells</i> , 2006 , 24, 889-95	5.8	55
96	Expression of adrenomedullin, a hypotensive peptide, in the trophoblast giant cells at the embryo implantation site in mouse. <i>Developmental Biology</i> , 1998 , 203, 264-75	3.1	55
95	Transient bursts of Zscan4 expression are accompanied by the rapid derepression of heterochromatin in mouse embryonic stem cells. <i>DNA Research</i> , 2015 , 22, 307-18	4.5	54
94	Unbiased amplification of a highly complex mixture of DNA fragments by a one linker-tagged PCR. <i>Nucleic Acids Research</i> , 1990 , 18, 4293-4	20.1	54
93	Rapid differentiation of human pluripotent stem cells into functional neurons by mRNAs encoding transcription factors. <i>Scientific Reports</i> , 2017 , 7, 42367	4.9	51
92	Transcriptional activation by Oct4 is sufficient for the maintenance and induction of pluripotency. <i>Cell Reports</i> , 2012 , 1, 99-109	10.6	50
91	Mouse ovary developmental RNA and protein markers from gene expression profiling. <i>Developmental Biology</i> , 2005 , 279, 271-90	3.1	49
90	Prenatal arsenic exposure alters gene expression in the adult liver to a proinflammatory state contributing to accelerated atherosclerosis. <i>PLoS ONE</i> , 2012 , 7, e38713	3.7	48
89	Systematic repression of transcription factors reveals limited patterns of gene expression changes in ES cells. <i>Scientific Reports</i> , 2013 , 3, 1390	4.9	47
88	Genome-wide assembly and analysis of alternative transcripts in mouse. <i>Genome Research</i> , 2005 , 15, 748-54	9.7	47
87	MEIOSIN Directs the Switch from Mitosis to Meiosis in Mammalian Germ Cells. <i>Developmental Cell</i> , 2020 , 52, 429-445.e10	10.2	46
86	Effects of aging and calorie restriction on the global gene expression profiles of mouse testis and ovary. <i>BMC Biology</i> , 2008 , 6, 24	7.3	45

85	ExAtlas: An interactive online tool for meta-analysis of gene expression data. <i>Journal of Bioinformatics and Computational Biology</i> , 2015 , 13, 1550019	1	43
84	Efficient generation of integration-free human induced pluripotent stem cells from keratinocytes by simple transfection of episomal vectors. <i>Stem Cells Translational Medicine</i> , 2014 , 3, 787-91	6.9	43
83	Developmental arrest and mouse antral not-surrounded nucleolus oocytes. <i>Biology of Reproduction</i> , 2013 , 88, 2	3.9	43
82	The multifunctional RNA-binding protein La is required for mouse development and for the establishment of embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2006 , 26, 1445-51	4.8	43
81	Microarray analysis of somitogenesis reveals novel targets of different WNT signaling pathways in the somitic mesoderm. <i>Developmental Biology</i> , 2003 , 258, 91-104	3.1	39
80	Assembly, verification, and initial annotation of the NIA mouse 7.4K cDNA clone set. <i>Genome Research</i> , 2002 , 12, 1999-2003	9.7	39
79	. <i>Nature Genetics</i> , 2001 , 28, 17-18	36.3	38
78	Human ES cell profiling broadens the reach of bivalent domains. <i>Cell Stem Cell</i> , 2007 , 1, 237-8	18	35
77	Identification of Zfp-57 as a downstream molecule of STAT3 and Oct-3/4 in embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 23-30	3.4	35
76	Random monoallelic expression of three genes clustered within 60 kb of mouse t complex genomic DNA. <i>Genome Research</i> , 2001 , 11, 1833-41	9.7	35
75	Generation of mouse ES cell lines engineered for the forced induction of transcription factors. <i>Scientific Reports</i> , 2011 , 1, 167	4.9	34
74	Requirement for Shh and Fox family genes at different stages in sweat gland development. <i>Human Molecular Genetics</i> , 2009 , 18, 1769-78	5.6	33
73	The short 3Rend region of complementary DNAs as PCR-based polymorphic markers for an expression map of the mouse genome. <i>Genomics</i> , 1993 , 16, 161-8	4.3	33
72	A conserved Oct4/POUV-dependent network links adhesion and migration to progenitor maintenance. <i>Current Biology</i> , 2013 , 23, 2233-2244	6.3	31
71	Defining developmental potency and cell lineage trajectories by expression profiling of differentiating mouse embryonic stem cells. <i>DNA Research</i> , 2009 , 16, 73-80	4.5	31
70	Silencing or amplification of endocannabinoid signaling in blastocysts via CB1 compromises trophoblast cell migration. <i>Journal of Biological Chemistry</i> , 2012 , 287, 32288-97	5.4	31
69	Comparative analysis of oocyte transcript profiles reveals a high degree of conservation among species. <i>Reproduction</i> , 2008 , 135, 439-48	3.8	31
68	EDA targets revealed by skin gene expression profiles of wild-type, Tabby and Tabby EDA-A1 transgenic mice. <i>Human Molecular Genetics</i> , 2002 , 11, 1763-73	5.6	31

67	A murine dopamine neuron-specific cDNA library and microarray: increased COX1 expression during methamphetamine neurotoxicity. <i>Neurobiology of Disease</i> , 2001 , 8, 822-33	7.5	31
66	An auto-inducible vector conferring high glucocorticoid inducibility upon stable transformant cells. <i>Gene</i> , 1989 , 84, 383-9	3.8	31
65	Toward a whole cDNA catalog: construction of an equalized cDNA library from mouse embryos. <i>Genomics</i> , 1994 , 23, 202-10	4.3	30
64	A global view of gene expression in the preimplantation mouse embryo: morula versus blastocyst. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2004 , 115 Suppl 1, S85-91	2.4	29
63	Transient ectopic expression of the histone demethylase JMJD3 accelerates the differentiation of human pluripotent stem cells. <i>Development (Cambridge)</i> , 2016 , 143, 3674-3685	6.6	29
62	Genetic mapping of 40 cDNA clones on the mouse genome by PCR. <i>Mammalian Genome</i> , 1994 , 5, 349-553	3.2	28
61	Repression of global protein synthesis by Eif1a-like genes that are expressed specifically in the two-cell embryos and the transient Zscan4-positive state of embryonic stem cells. <i>DNA Research</i> , 2013 , 20, 391-402	4.5	27
60	CisView: a browser and database of cis-regulatory modules predicted in the mouse genome. <i>DNA Research</i> , 2006 , 13, 123-34	4.5	27
59	Induction of human pluripotent stem cells into kidney tissues by synthetic mRNAs encoding transcription factors. <i>Scientific Reports</i> , 2019 , 9, 913	4.9	26
58	Esg1, expressed exclusively in preimplantation embryos, germline, and embryonic stem cells, is a putative RNA-binding protein with broad RNA targets. <i>Development Growth and Differentiation</i> , 2006 , 48, 381-90	3	26
57	Dkk4 and Eda regulate distinctive developmental mechanisms for subtypes of mouse hair. <i>PLoS ONE</i> , 2010 , 5, e10009	3.7	26
56	Identification of transcription factors that promote the differentiation of human pluripotent stem cells into lacrimal gland epithelium-like cells. <i>Npj Aging and Mechanisms of Disease</i> , 2017 , 3, 1	5.5	24
55	Differential expression pattern of XqPAR-linked genes SYBL1 and IL9R correlates with the structure and evolution of the region. <i>Human Molecular Genetics</i> , 1997 , 6, 1917-23	5.6	24
54	Neural differentiation of human embryonic stem cells induced by the transgene-mediated overexpression of single transcription factors. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 296-301	3.4	22
53	A role for borg5 during trophectoderm differentiation. <i>Stem Cells</i> , 2010 , 28, 1030-8	5.8	20
52	Embryogenomics of pre-implantation mammalian development: current status. <i>Reproduction, Fertility and Development</i> , 2004 , 16, 79	1.8	20
51	Phemx, a novel mouse gene expressed in hematopoietic cells maps to the imprinted cluster on distal chromosome 7. <i>Genomics</i> , 2000 , 68, 13-21	4.3	20
50	Efficient differentiation of human pluripotent stem cells into skeletal muscle cells by combining RNA-based MYOD1-expression and POU5F1-silencing. <i>Scientific Reports</i> , 2018 , 8, 1189	4.9	19

49	Use of Chuk as an internal standard suitable for quantitative RT-PCR in mouse preimplantation embryos. <i>Reproductive BioMedicine Online</i> , 2006 , 13, 394-403	4	19
48	Fatty Acid Synthesis Is Indispensable for Survival of Human Pluripotent Stem Cells. <i>IScience</i> , 2020 , 23, 101535	6.1	19
47	Correction of Down syndrome and Edwards syndrome aneuploidies in human cell cultures. <i>DNA Research</i> , 2015 , 22, 331-42	4.5	18
46	Prediction of evolutionarily conserved interologs in <i>Mus musculus</i> . <i>BMC Genomics</i> , 2008 , 9, 465	4.5	18
45	Cloning and expression analyses of mouse dystroglycan gene: specific expression in maternal decidua at the peri-implantation stage. <i>Human Molecular Genetics</i> , 1996 , 5, 1259-67	5.6	18
44	Construction of long-transcript enriched cDNA libraries from submicrogram amounts of total RNAs by a universal PCR amplification method. <i>Genome Research</i> , 2001 , 11, 1553-8	9.7	16
43	Maintenance of undifferentiated mouse embryonic stem cells in suspension by the serum- and feeder-free defined culture condition. <i>Developmental Dynamics</i> , 2008 , 237, 2129-38	2.9	15
42	Genomic approaches to early embryogenesis and stem cell biology. <i>Seminars in Reproductive Medicine</i> , 2006 , 24, 330-9	1.4	14
41	Two novel mouse genes--Nubp2, mapped to the t-complex on chromosome 17, and Nubp1, mapped to chromosome 16--establish a new gene family of nucleotide-binding proteins in eukaryotes. <i>Genomics</i> , 1999 , 60, 152-60	4.3	14
40	Generation and gene expression profiling of 48 transcription-factor-inducible mouse embryonic stem cell lines. <i>Scientific Reports</i> , 2016 , 6, 25667	4.9	13
39	SOX9 accelerates ESC differentiation to three germ layer lineages by repressing SOX2 expression through P21 (WAF1/CIP1). <i>Development (Cambridge)</i> , 2014 , 141, 4254-66	6.6	13
38	Molecular mechanisms of pancreatic stone formation in chronic pancreatitis. <i>Frontiers in Physiology</i> , 2012 , 3, 415	4.6	13
37	Tissue-specific expression and mapping of the Cox7ah gene in mouse. <i>Genomics</i> , 1998 , 49, 363-70	4.3	13
36	Responsiveness of genes to manipulation of transcription factors in ES cells is associated with histone modifications and tissue specificity. <i>BMC Genomics</i> , 2011 , 12, 102	4.5	12
35	Expression profiling of the mouse early embryo: reflections and perspectives. <i>Developmental Dynamics</i> , 2006 , 235, 2437-48	2.9	12
34	The NIA cDNA project in mouse stem cells and early embryos. <i>Comptes Rendus - Biologies</i> , 2003 , 326, 931-40	1.4	12
33	A highly inducible system of gene expression by positive feedback production of glucocorticoid receptors. <i>DNA and Cell Biology</i> , 1989 , 8, 127-33		12
32	Changes in global gene expression during in vitro decidualization of rat endometrial stromal cells. <i>Journal of Cellular Physiology</i> , 2010 , 222, 127-37	7	10

31	Generation and Profiling of 2,135 Human ESC Lines for the Systematic Analyses of Cell States Perturbed by Inducing Single Transcription Factors. <i>Cell Reports</i> , 2020 , 31, 107655	10.6	9
30	Inflammation increases cells expressing ZSCAN4 and progenitor cell markers in the adult pancreas. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, G1103-16	5.1	9
29	Trim43a, Trim43b, and Trim43c: Novel mouse genes expressed specifically in mouse preimplantation embryos. <i>Gene Expression Patterns</i> , 2009 , 9, 595-602	1.5	9
28	Gene array analysis of neural crest cells identifies transcription factors necessary for direct conversion of embryonic fibroblasts into neural crest cells. <i>Biology Open</i> , 2016 , 5, 311-22	2.2	9
27	Emergence of undifferentiated colonies from mouse embryonic stem cells undergoing differentiation by retinoic acid treatment. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 616-24	2.6	9
26	Establishment of a rapid and footprint-free protocol for differentiation of human embryonic stem cells into pancreatic endocrine cells with synthetic mRNAs encoding transcription factors. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 277	8.3	9
25	Developmental genomics and its relation to aging. <i>Genomics</i> , 1998 , 52, 113-8	4.3	8
24	Induction of specific neuron types by overexpression of single transcription factors. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 961-973	2.6	7
23	Induced Pluripotent Stem Cells Reprogrammed with Three Inhibitors Show Accelerated Differentiation Potentials with High Levels of 2-Cell Stage Marker Expression. <i>Stem Cell Reports</i> , 2019 , 12, 305-318	8	6
22	Zscan4 is expressed specifically during late meiotic prophase in both spermatogenesis and oogenesis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 167-178	2.6	6
21	Expression analysis of the endogenous Zscan4 locus and its coding proteins in mouse ES cells and preimplantation embryos. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 179-190	2.6	5
20	Epigenetic Manipulation Facilitates the Generation of Skeletal Muscle Cells from Pluripotent Stem Cells. <i>Stem Cells International</i> , 2017 , 2017, 7215010	5	5
19	Stochastic modeling for the expression of a gene regulated by competing transcription factors. <i>PLoS ONE</i> , 2012 , 7, e32376	3.7	5
18	Activation of JNK triggers release of Brd4 from mitotic chromosomes and mediates protection from drug-induced mitotic stress. <i>PLoS ONE</i> , 2012 , 7, e34719	3.7	5
17	Molecular biology of preimplantation embryos: primer for philosophical discussions. <i>Reproductive BioMedicine Online</i> , 2005 , 10 Suppl 1, 80-7	4	5
16	Efficacy of 2-methoxyethoxy-modified antisense oligonucleotides for the study of mouse preimplantation development. <i>Reproductive BioMedicine Online</i> , 2003 , 6, 318-22	4	5
15	The beta subunit of the high-affinity IgE receptor, a candidate for atopic dermatitis, is not imprinted. <i>British Journal of Dermatology</i> , 2000 , 142, 370-1	4	5
14	Eleven densely clustered genes, six of them novel, in 176 kb of mouse t-complex DNA. <i>Genome Research</i> , 2000 , 10, 916-23	9.7	5

13	Synthetic mRNA-based differentiation method enables early detection of Parkinson's phenotypes in neurons derived from Gaucher disease-induced pluripotent stem cells. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 572-581	6.9	5
12	Gene content of the 750-kb critical region for mouse embryonic ectoderm lethal tcl-w5. <i>Mammalian Genome</i> , 2004 , 15, 265-76	3.2	4
11	Identification, molecular characterization, and tissue expression of OVCOV1. <i>Mammalian Genome</i> , 2002 , 13, 619-24	3.2	4
10	Chromatin properties of regulatory DNA probed by manipulation of transcription factors. <i>Journal of Computational Biology</i> , 2014 , 21, 569-77	1.7	3
9	Gene expression profiling of mouse embryos with microarrays. <i>Methods in Enzymology</i> , 2010 , 477, 511-41.7	4.1	3
8	Embryogenomics of pre-implantation mammalian development: current status. <i>Reproduction, Fertility and Development</i> , 2004 , 16, 79-85	1.8	3
7	Salt suppresses IFN γ -inducible chemokines through the IFN γ /JAK1-STAT1 signaling pathway in proximal tubular cells. <i>Scientific Reports</i> , 2017 , 7, 46580	4.9	2
6	Interferon-gamma receptor polymorphisms determine strain differences in accessibility of activated lymphocyte NK-triggering antigens to recognition by self-reactive NK cells. <i>Cellular Immunology</i> , 2000 , 200, 88-97	4.4	2
5	Simple and robust screening of pooled yeast artificial chromosome libraries by the restriction enzyme digestion of polymerase chain reaction products. <i>Genetic Analysis, Techniques and Applications</i> , 1994 , 11, 63-8		1
4	Optimized conditions for cycle sequencing of PCR products. <i>Genome Research</i> , 1994 , 3, 359-60	9.7	1
3	Role of iPSC-Producing Factors in Pre-Implantation Embryos 2014 , 473-484		
2	Assignment of OVCOV1 (alias CGI-15) to human chromosome 20 band q13.1-->q13.2 by fluorescent in situ hybridization. <i>Cytogenetic and Genome Research</i> , 2001 , 94, 252-3	1.9	
1	Purification of cardiomyocytes and neurons derived from human pluripotent stem cells by inhibition of fatty acid synthesis.. <i>STAR Protocols</i> , 2022 , 3, 101360	1.4	