

# Minoru Sh Ko

## List of Publications by Year in Descending Order

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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	Purification of cardiomyocytes and neurons derived from human pluripotent stem cells by inhibition of fatty acid synthesis.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101360	1.4	
155	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> , <b>2021</b> , 10, 572-581	6.9	5
154	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> , <b>2020</b> , 31, 107655	10.6	9
153	MEIOSIN Directs the Switch from Mitosis to Meiosis in Mammalian Germ Cells. <i>Developmental Cell</i> , <b>2020</b> , 52, 429-445.e10	10.2	46
152	Fatty Acid Synthesis Is Indispensable for Survival of Human Pluripotent Stem Cells. <i>iScience</i> , <b>2020</b> , 23, 101535	6.1	19
151	Induction of human pluripotent stem cells into kidney tissues by synthetic mRNAs encoding transcription factors. <i>Scientific Reports</i> , <b>2019</b> , 9, 913	4.9	26
150	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> , <b>2019</b> , 12, 305-318	8	6
149	Efficient differentiation of human pluripotent stem cells into skeletal muscle cells by combining RNA-based MYOD1-expression and POU5F1-silencing. <i>Scientific Reports</i> , <b>2018</b> , 8, 1189	4.9	19
148	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> , <b>2018</b> , 9, 277	8.3	9
147	Rapid differentiation of human pluripotent stem cells into functional neurons by mRNAs encoding transcription factors. <i>Scientific Reports</i> , <b>2017</b> , 7, 42367	4.9	51
146	Neural differentiation of human embryonic stem cells induced by the transgene-mediated overexpression of single transcription factors. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 490, 296-301	3.4	22
145	SCODE: an efficient regulatory network inference algorithm from single-cell RNA-Seq during differentiation. <i>Bioinformatics</i> , <b>2017</b> , 33, 2314-2321	7.2	138
144	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> , <b>2017</b> , 53, 179-190	2.6	5
143	Salt suppresses IFN- $\gamma$ -inducible chemokines through the IFN- $\gamma$ /JAK1-STAT1 signaling pathway in proximal tubular cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 46580	4.9	2
142	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> , <b>2017</b> , 3, 1	5.5	24
141	Zscan4 is expressed specifically during late meiotic prophase in both spermatogenesis and oogenesis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2017</b> , 53, 167-178	2.6	6
140	Epigenetic Manipulation Facilitates the Generation of Skeletal Muscle Cells from Pluripotent Stem Cells. <i>Stem Cells International</i> , <b>2017</b> , 2017, 7215010	5	5

139	Generation and gene expression profiling of 48 transcription-factor-inducible mouse embryonic stem cell lines. <i>Scientific Reports</i> , <b>2016</b> , 6, 25667	4.9	13
138	Induction of specific neuron types by overexpression of single transcription factors. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2016</b> , 52, 961-973	2.6	7
137	Transient ectopic expression of the histone demethylase JMJD3 accelerates the differentiation of human pluripotent stem cells. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 3674-3685	6.6	29
136	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> , <b>2016</b> , 5, 311-22	2.2	9
135	Emergence of undifferentiated colonies from mouse embryonic stem cells undergoing differentiation by retinoic acid treatment. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2016</b> , 52, 616-24	2.6	9
134	Transient bursts of Zscan4 expression are accompanied by the rapid derepression of heterochromatin in mouse embryonic stem cells. <i>DNA Research</i> , <b>2015</b> , 22, 307-18	4.5	54
133	Correction of Down syndrome and Edwards syndrome aneuploidies in human cell cultures. <i>DNA Research</i> , <b>2015</b> , 22, 331-42	4.5	18
132	ExAtlas: An interactive online tool for meta-analysis of gene expression data. <i>Journal of Bioinformatics and Computational Biology</i> , <b>2015</b> , 13, 1550019	1	43
131	A genetically engineered ovarian cancer mouse model based on fallopian tube transformation mimics human high-grade serous carcinoma development. <i>Journal of Pathology</i> , <b>2014</b> , 233, 228-37	9.4	93
130	Efficient generation of integration-free human induced pluripotent stem cells from keratinocytes by simple transfection of episomal vectors. <i>Stem Cells Translational Medicine</i> , <b>2014</b> , 3, 787-91	6.9	43
129	SOX9 accelerates ESC differentiation to three germ layer lineages by repressing SOX2 expression through P21 (WAF1/CIP1). <i>Development (Cambridge)</i> , <b>2014</b> , 141, 4254-66	6.6	13
128	Chromatin properties of regulatory DNA probed by manipulation of transcription factors. <i>Journal of Computational Biology</i> , <b>2014</b> , 21, 569-77	1.7	3
127	Role of iPSC-Producing Factors in Pre-Implantation Embryos <b>2014</b> , 473-484		
126	Top3̳ is an RNA topoisomerase that works with fragile X syndrome protein to promote synapse formation. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 1238-47	25.5	92
125	Totipotent embryonic stem cells arise in ground-state culture conditions. <i>Cell Reports</i> , <b>2013</b> , 3, 1945-57	10.6	164
124	Identification of transcription factors for lineage-specific ESC differentiation. <i>Stem Cell Reports</i> , <b>2013</b> , 1, 545-59	8	59
123	A conserved Oct4/POUV-dependent network links adhesion and migration to progenitor maintenance. <i>Current Biology</i> , <b>2013</b> , 23, 2233-2244	6.3	31
122	Developmental arrest and mouse antral not-surrounded nucleolus oocytes. <i>Biology of Reproduction</i> , <b>2013</b> , 88, 2	3.9	43

121	Zscan4 restores the developmental potency of embryonic stem cells. <i>Nature Communications</i> , <b>2013</b> , 4, 1966	17.4	77
120	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> , <b>2013</b> , 20, 391-402	4.5	27
119	Inflammation increases cells expressing ZSCAN4 and progenitor cell markers in the adult pancreas. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, G1103-16	5.1	9
118	Systematic repression of transcription factors reveals limited patterns of gene expression changes in ES cells. <i>Scientific Reports</i> , <b>2013</b> , 3, 1390	4.9	47
117	Transcriptional activation by Oct4 is sufficient for the maintenance and induction of pluripotency. <i>Cell Reports</i> , <b>2012</b> , 1, 99-109	10.6	50
116	Stochastic modeling for the expression of a gene regulated by competing transcription factors. <i>PLoS ONE</i> , <b>2012</b> , 7, e32376	3.7	5
115	Activation of JNK triggers release of Brd4 from mitotic chromosomes and mediates protection from drug-induced mitotic stress. <i>PLoS ONE</i> , <b>2012</b> , 7, e34719	3.7	5
114	Prenatal arsenic exposure alters gene expression in the adult liver to a proinflammatory state contributing to accelerated atherosclerosis. <i>PLoS ONE</i> , <b>2012</b> , 7, e38713	3.7	48
113	Molecular mechanisms of pancreatic stone formation in chronic pancreatitis. <i>Frontiers in Physiology</i> , <b>2012</b> , 3, 415	4.6	13
112	Zscan4 transiently reactivates early embryonic genes during the generation of induced pluripotent stem cells. <i>Scientific Reports</i> , <b>2012</b> , 2, 208	4.9	69
111	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> , <b>2012</b> , 109, 1199-203	11.5	59
110	Silencing or amplification of endocannabinoid signaling in blastocysts via CB1 compromises trophoblast cell migration. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 32288-97	5.4	31
109	Mouse B-type lamins are required for proper organogenesis but not by embryonic stem cells. <i>Science</i> , <b>2011</b> , 334, 1706-10	33.3	200
108	Responsiveness of genes to manipulation of transcription factors in ES cells is associated with histone modifications and tissue specificity. <i>BMC Genomics</i> , <b>2011</b> , 12, 102	4.5	12
107	Generation of mouse ES cell lines engineered for the forced induction of transcription factors. <i>Scientific Reports</i> , <b>2011</b> , 1, 167	4.9	34
106	Zscan4 regulates telomere elongation and genomic stability in ES cells. <i>Nature</i> , <b>2010</b> , 464, 858-63	50.4	283
105	Functional heterogeneity of embryonic stem cells revealed through translational amplification of an early endodermal transcript. <i>PLoS Biology</i> , <b>2010</b> , 8, e1000379	9.7	185
104	Gene expression profiling of mouse embryos with microarrays. <i>Methods in Enzymology</i> , <b>2010</b> , 477, 511-41.7		3

103	Changes in global gene expression during in vitro decidualization of rat endometrial stromal cells. <i>Journal of Cellular Physiology</i> , <b>2010</b> , 222, 127-37	7	10
102	A role for borg5 during trophectoderm differentiation. <i>Stem Cells</i> , <b>2010</b> , 28, 1030-8	5.8	20
101	Dkk4 and Eda regulate distinctive developmental mechanisms for subtypes of mouse hair. <i>PLoS ONE</i> , <b>2010</b> , 5, e10009	3.7	26
100	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> , <b>2009</b> , 16, 45-58	4.5	378
99	Defining developmental potency and cell lineage trajectories by expression profiling of differentiating mouse embryonic stem cells. <i>DNA Research</i> , <b>2009</b> , 16, 73-80	4.5	31
98	Dax1 binds to Oct3/4 and inhibits its transcriptional activity in embryonic stem cells. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 4574-83	4.8	61
97	Exhaustive search for over-represented DNA sequence motifs with CisFinder. <i>DNA Research</i> , <b>2009</b> , 16, 261-73	4.5	97
96	Requirement for Shh and Fox family genes at different stages in sweat gland development. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 1769-78	5.6	33
95	Trim43a, Trim43b, and Trim43c: Novel mouse genes expressed specifically in mouse preimplantation embryos. <i>Gene Expression Patterns</i> , <b>2009</b> , 9, 595-602	1.5	9
94	Uncovering early response of gene regulatory networks in ESCs by systematic induction of transcription factors. <i>Cell Stem Cell</i> , <b>2009</b> , 5, 420-33	18	150
93	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> , <b>2008</b> , 9, 269	4.5	124
92	Prediction of evolutionarily conserved interologs in <i>Mus musculus</i> . <i>BMC Genomics</i> , <b>2008</b> , 9, 465	4.5	18
91	An in situ hybridization-based screen for heterogeneously expressed genes in mouse ES cells. <i>Gene Expression Patterns</i> , <b>2008</b> , 8, 181-98	1.5	66
90	Comparative analysis of oocyte transcript profiles reveals a high degree of conservation among species. <i>Reproduction</i> , <b>2008</b> , 135, 439-48	3.8	31
89	Essential role of chromatin remodeling protein Bptf in early mouse embryos and embryonic stem cells. <i>PLoS Genetics</i> , <b>2008</b> , 4, e1000241	6	102
88	Effects of aging and calorie restriction on the global gene expression profiles of mouse testis and ovary. <i>BMC Biology</i> , <b>2008</b> , 6, 24	7.3	45
87	Rex1/Zfp42 is dispensable for pluripotency in mouse ES cells. <i>BMC Developmental Biology</i> , <b>2008</b> , 8, 45	3.1	87
86	Maintenance of undifferentiated mouse embryonic stem cells in suspension by the serum- and feeder-free defined culture condition. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 2129-38	2.9	15

85	BAF250B-associated SWI/SNF chromatin-remodeling complex is required to maintain undifferentiated mouse embryonic stem cells. <i>Stem Cells</i> , <b>2008</b> , 26, 1155-65	5.8	132
84	Pluripotency governed by Sox2 via regulation of Oct3/4 expression in mouse embryonic stem cells. <i>Nature Cell Biology</i> , <b>2007</b> , 9, 625-35	23.4	893
83	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> , <b>2007</b> , 104, 20926-31	11.5	90
82	AGEMAP: a gene expression database for aging in mice. <i>PLoS Genetics</i> , <b>2007</b> , 3, e201	6	276
81	Zscan4: a novel gene expressed exclusively in late 2-cell embryos and embryonic stem cells. <i>Developmental Biology</i> , <b>2007</b> , 307, 539-50	3.1	178
80	Global gene expression profiling reveals similarities and differences among mouse pluripotent stem cells of different origins and strains. <i>Developmental Biology</i> , <b>2007</b> , 307, 446-59	3.1	87
79	Human ES cell profiling broadens the reach of bivalent domains. <i>Cell Stem Cell</i> , <b>2007</b> , 1, 237-8	18	35
78	Comparative transcriptome analysis of embryonic and adult stem cells with extended and limited differentiation capacity. <i>Genome Biology</i> , <b>2007</b> , 8, R163	18.3	112
77	High-throughput screen for genes predominantly expressed in the ICM of mouse blastocysts by whole mount in situ hybridization. <i>Gene Expression Patterns</i> , <b>2006</b> , 6, 213-24	1.5	67
76	Expression profiling of the mouse early embryo: reflections and perspectives. <i>Developmental Dynamics</i> , <b>2006</b> , 235, 2437-48	2.9	12
75	CisView: a browser and database of cis-regulatory modules predicted in the mouse genome. <i>DNA Research</i> , <b>2006</b> , 13, 123-34	4.5	27
74	Genomic approaches to early embryogenesis and stem cell biology. <i>Seminars in Reproductive Medicine</i> , <b>2006</b> , 24, 330-9	1.4	14
73	Klf4 cooperates with Oct3/4 and Sox2 to activate the Lefty1 core promoter in embryonic stem cells. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 7772-82	4.8	203
72	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> , <b>2006</b> , 132, 45-57	3.8	55
71	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> , <b>2006</b> , 26, 1445-51	4.8	43
70	Use of Chuk as an internal standard suitable for quantitative RT-PCR in mouse preimplantation embryos. <i>Reproductive BioMedicine Online</i> , <b>2006</b> , 13, 394-403	4	19
69	Gene expression changes at metamorphosis induced by thyroid hormone in <i>Xenopus laevis</i> tadpoles. <i>Developmental Biology</i> , <b>2006</b> , 291, 342-55	3.1	99
68	Dissecting Oct3/4-regulated gene networks in embryonic stem cells by expression profiling. <i>PLoS ONE</i> , <b>2006</b> , 1, e26	3.7	143

67	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> , <b>2006</b> , 48, 381-90	3	26
66	Global gene expression profiling of preimplantation embryos. <i>Human Cell</i> , <b>2006</b> , 19, 98-117	4.5	96
65	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> , <b>2006</b> , 24, 889-95	5.8	55
64	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> , <b>2005</b> , 331, 23-30	3.4	35
63	Mouse ovary developmental RNA and protein markers from gene expression profiling. <i>Developmental Biology</i> , <b>2005</b> , 279, 271-90	3.1	49
62	Loss of imprinting of Igf2 alters intestinal maturation and tumorigenesis in mice. <i>Science</i> , <b>2005</b> , 307, 1976-8	6.8	272
61	Molecular biology of preimplantation embryos: primer for philosophical discussions. <i>Reproductive BioMedicine Online</i> , <b>2005</b> , 10 Suppl 1, 80-7	4	5
60	Transcript copy number estimation using a mouse whole-genome oligonucleotide microarray. <i>Genome Biology</i> , <b>2005</b> , 6, R61	18.3	98
59	Identification of target genes and a unique cis element regulated by IRF-8 in developing macrophages. <i>Blood</i> , <b>2005</b> , 106, 1938-47	2.2	103
58	A web-based tool for principal component and significance analysis of microarray data. <i>Bioinformatics</i> , <b>2005</b> , 21, 2548-9	7.2	211
57	Genome-wide assembly and analysis of alternative transcripts in mouse. <i>Genome Research</i> , <b>2005</b> , 15, 748-54	9.7	47
56	Embryogenomics of pre-implantation mammalian development: current status. <i>Reproduction, Fertility and Development</i> , <b>2004</b> , 16, 79	1.8	20
55	Age-associated alteration of gene expression patterns in mouse oocytes. <i>Human Molecular Genetics</i> , <b>2004</b> , 13, 2263-78	5.6	395
54	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> , <b>2004</b> , 101, 10326-31	11.5	194
53	The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). <i>Genome Research</i> , <b>2004</b> , 14, 2121-7	9.7	404
52	Aging of oocyte, ovary, and human reproduction. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1034, 117-31	6.5	68
51	Gene content of the 750-kb critical region for mouse embryonic ectoderm lethal tcl-w5. <i>Mammalian Genome</i> , <b>2004</b> , 15, 265-76	3.2	4
50	A global view of gene expression in the preimplantation mouse embryo: morula versus blastocyst. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2004</b> , 115 Suppl 1, S85-91	2.4	29

49	Dynamics of global gene expression changes during mouse preimplantation development. <i>Developmental Cell</i> , <b>2004</b> , 6, 117-31	10.2	698
48	Embryogenomics of pre-implantation mammalian development: current status. <i>Reproduction, Fertility and Development</i> , <b>2004</b> , 16, 79-85	1.8	3
47	Transcriptome analysis of mouse stem cells and early embryos. <i>PLoS Biology</i> , <b>2003</b> , 1, E74	9.7	135
46	Efficacy of 2-methoxyethoxy-modified antisense oligonucleotides for the study of mouse preimplantation development. <i>Reproductive BioMedicine Online</i> , <b>2003</b> , 6, 318-22	4	5
45	Expression profiling of placentomegaly associated with nuclear transplantation of mouse ES cells. <i>Developmental Biology</i> , <b>2003</b> , 253, 36-53	3.1	70
44	The NIA cDNA project in mouse stem cells and early embryos. <i>Comptes Rendus - Biologies</i> , <b>2003</b> , 326, 931-40	1.4	12
43	Microarray analysis of somitogenesis reveals novel targets of different WNT signaling pathways in the somitic mesoderm. <i>Developmental Biology</i> , <b>2003</b> , 258, 91-104	3.1	39
42	Plac8 and Plac9, novel placental-enriched genes identified through microarray analysis. <i>Gene</i> , <b>2003</b> , 309, 81-9	3.8	90
41	In situ-synthesized novel microarray optimized for mouse stem cell and early developmental expression profiling. <i>Genome Research</i> , <b>2003</b> , 13, 1011-21	9.7	91
40	Identification, molecular characterization, and tissue expression of OVCOV1. <i>Mammalian Genome</i> , <b>2002</b> , 13, 619-24	3.2	4
39	Gene expression profiling of embryo-derived stem cells reveals candidate genes associated with pluripotency and lineage specificity. <i>Genome Research</i> , <b>2002</b> , 12, 1921-8	9.7	178
38	Assembly, verification, and initial annotation of the NIA mouse 7.4K cDNA clone set. <i>Genome Research</i> , <b>2002</b> , 12, 1999-2003	9.7	39
37	EDA targets revealed by skin gene expression profiles of wild-type, Tabby and Tabby EDA-A1 transgenic mice. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 1763-73	5.6	31
36	Verification and initial annotation of the NIA mouse 15K cDNA clone set. <i>Nature Genetics</i> , <b>2001</b> , 28, 17-8	36.3	96
35	A radiation hybrid map of mouse genes. <i>Nature Genetics</i> , <b>2001</b> , 29, 201-5	36.3	61
34	Embryogenomics: developmental biology meets genomics. <i>Trends in Biotechnology</i> , <b>2001</b> , 19, 511-8	15.1	58
33	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> , <b>2001</b> , 94, 252-3	1.9	
32	Construction of long-transcript enriched cDNA libraries from submicrogram amounts of total RNAs by a universal PCR amplification method. <i>Genome Research</i> , <b>2001</b> , 11, 1553-8	9.7	16

31	. <i>Nature Genetics</i> , <b>2001</b> , 28, 17-18	36.3	38
30	A murine dopamine neuron-specific cDNA library and microarray: increased COX1 expression during methamphetamine neurotoxicity. <i>Neurobiology of Disease</i> , <b>2001</b> , 8, 822-33	7.5	31
29	Random monoallelic expression of three genes clustered within 60 kb of mouse t complex genomic DNA. <i>Genome Research</i> , <b>2001</b> , 11, 1833-41	9.7	35
28	The beta subunit of the high-affinity IgE receptor, a candidate for atopic dermatitis, is not imprinted. <i>British Journal of Dermatology</i> , <b>2000</b> , 142, 370-1	4	5
27	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> , <b>2000</b> , 200, 88-97	4.4	2
26	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> , <b>2000</b> , 97, 9127-32	11.5	357
25	Eleven densely clustered genes, six of them novel, in 176 kb of mouse t-complex DNA. <i>Genome Research</i> , <b>2000</b> , 10, 916-23	9.7	5
24	Phemx, a novel mouse gene expressed in hematopoietic cells maps to the imprinted cluster on distal chromosome 7. <i>Genomics</i> , <b>2000</b> , 68, 13-21	4.3	20
23	PLAC1, an Xq26 gene with placenta-specific expression. <i>Genomics</i> , <b>2000</b> , 68, 305-12	4.3	89
22	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> , <b>1999</b> , 60, 152-60	4.3	14
21	Expression of adrenomedullin, a hypotensive peptide, in the trophoblast giant cells at the embryo implantation site in mouse. <i>Developmental Biology</i> , <b>1998</b> , 203, 264-75	3.1	55
20	Tissue-specific expression and mapping of the Cox7ah gene in mouse. <i>Genomics</i> , <b>1998</b> , 49, 363-70	4.3	13
19	Developmental genomics and its relation to aging. <i>Genomics</i> , <b>1998</b> , 52, 113-8	4.3	8
18	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> , <b>1998</b> , 7, 1967-78	5.6	71
17	Differential expression pattern of XqPAR-linked genes SYBL1 and IL9R correlates with the structure and evolution of the region. <i>Human Molecular Genetics</i> , <b>1997</b> , 6, 1917-23	5.6	24
16	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> , <b>1997</b> , 94, 13069-74	11.5	241
15	The gene for multiple familial trichoepithelioma maps to chromosome 9p21. <i>Journal of Investigative Dermatology</i> , <b>1996</b> , 107, 41-3	4.3	82
14	Cloning and expression analyses of mouse dystroglycan gene: specific expression in maternal decidua at the peri-implantation stage. <i>Human Molecular Genetics</i> , <b>1996</b> , 5, 1259-67	5.6	18

13	Genetic mapping of 40 cDNA clones on the mouse genome by PCR. <i>Mammalian Genome</i> , <b>1994</b> , 5, 349-55	3.2	28
12	Maps from two interspecific backcross DNA panels available as a community genetic mapping resource. <i>Mammalian Genome</i> , <b>1994</b> , 5, 253-74	3.2	608
11	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> , <b>1994</b> , 11, 63-8		1
10	Toward a whole cDNA catalog: construction of an equalized cDNA library from mouse embryos. <i>Genomics</i> , <b>1994</b> , 23, 202-10	4.3	30
9	Optimized conditions for cycle sequencing of PCR products. <i>Genome Research</i> , <b>1994</b> , 3, 359-60	9.7	1
8	The short 3' end region of complementary DNAs as PCR-based polymorphic markers for an expression map of the mouse genome. <i>Genomics</i> , <b>1993</b> , 16, 161-8	4.3	33
7	Induction mechanism of a single gene molecule: stochastic or deterministic?. <i>BioEssays</i> , <b>1992</b> , 14, 341-6	4.1	90
6	A stochastic model for gene induction. <i>Journal of Theoretical Biology</i> , <b>1991</b> , 153, 181-94	2.3	140
5	An equalized cDNA library by the reassociation of short double-stranded cDNAs. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 5705-11	20.1	130
4	Unbiased amplification of a highly complex mixture of DNA fragments by a linker-tagged PCR. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 4293-4	20.1	54
3	An auto-inducible vector conferring high glucocorticoid inducibility upon stable transformant cells. <i>Gene</i> , <b>1989</b> , 84, 383-9	3.8	31
2	A highly inducible system of gene expression by positive feedback production of glucocorticoid receptors. <i>DNA and Cell Biology</i> , <b>1989</b> , 8, 127-33		12
1	Sarcoma viruses carrying ras oncogenes induce differentiation-associated properties in a neuronal cell line. <i>Nature</i> , <b>1985</b> , 318, 73-5	50.4	446