

# Lee M Silver

## List of Publications by Year in descending order

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42  
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74163

75  
g-index

98  
all docs

98  
docs citations

98  
times ranked

4010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of the T-box family genes, Tbx1-Tbx5, during early mouse development. <i>Developmental Dynamics</i> , 1996, 206, 379-390.	1.8	581
2	The T-box gene family. <i>BioEssays</i> , 1998, 20, 9-19.	2.5	280
3	Tbx2 is essential for patterning the atrioventricular canal and for morphogenesis of the outflow tract during heart development. <i>Development (Cambridge)</i> , 2004, 131, 5041-5052.	2.5	258
4	The peculiar journey of a selfish chromosome: mouse t haplotypes and meiotic drive. <i>Trends in Genetics</i> , 1993, 9, 250-254.	6.7	246
5	Tbx6, a Mouse T-Box Gene Implicated in Paraxial Mesoderm Formation at Gastrulation. <i>Developmental Biology</i> , 1996, 180, 534-542.	2.0	245
6	Molecular clones of the mouse t complex derived from microdissected metaphase chromosomes. <i>Cell</i> , 1984, 36, 783-788.	28.9	224
7	An ancient family of embryonically expressed mouse genes sharing a conserved protein motif with the T locus. <i>Nature Genetics</i> , 1994, 7, 383-389.	21.4	210
8	T-box gene tbx5 is essential for formation of the pectoral limb bud. <i>Nature</i> , 2002, 417, 754-758.	27.8	198
9	Identification of sex-specific quantitative trait loci controlling alcohol preference in C57BL/6 mice. <i>Nature Genetics</i> , 1996, 13, 147-153.	21.4	196
10	Evolution of Mouse T-box Genes by Tandem Duplication and Cluster Dispersion. <i>Genetics</i> , 1996, 144, 249-254.	2.9	173
11	A major testicular cell protein specified by a mouse T/t complex gene. <i>Cell</i> , 1979, 17, 275-284.	28.9	161
12	Social approach-avoidance behavior of inbred mouse strains towards DBA/2 mice. <i>Brain Research</i> , 2004, 1002, 151-157.	2.2	160
13	Expression of T-box genes Tbx2-Tbx5 during chick organogenesis. <i>Mechanisms of Development</i> , 1998, 74, 165-169.	1.7	138
14	Molecular probes define different regions of the mouse t complex. <i>Cell</i> , 1985, 40, 63-69.	28.9	134
15	Five of the nine genetically defined regions of mouse t haplotypes are involved in transmission ratio distortion. <i>Genetical Research</i> , 1987, 49, 51-56.	0.9	106
16	Recombination suppression of mouse t-haplotypes due to chromatin mismatching. <i>Nature</i> , 1981, 290, 68-70.	27.8	96
17	A candidate gene family for the mouse t complex responder (Tcr) locus responsible for haploid effects on sperm function. <i>Cell</i> , 1988, 55, 71-78.	28.9	86
18	Identification of Quantitative Trait Loci That Affect Aggressive Behavior in Mice. <i>Journal of Neuroscience</i> , 2002, 22, 1165-1170.	3.6	83

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19	tbx20 , a new vertebrate T-box gene expressed in the cranial motor neurons and developing cardiovascular structures in zebrafish. <i>Mechanisms of Development</i> , 2000, 95, 253-258.	1.7	80
20	A diversified set of testicular cell proteins specified by genes within the mouse t complex. <i>Cell</i> , 1983, 35, 35-45.	28.9	78
21	CHARACTERIZATION OF A RECOMBINANT MOUSE <i>t</i> HAPLOTYPE THAT EXPRESSES A DOMINANT LETHAL MATERNAL EFFECT. <i>Genetics</i> , 1984, 108, 1013-1020.	2.9	78
22	Genomic analysis of the H-2 complex region associated with mouse t Haplotypes. <i>Cell</i> , 1982, 29, 961-968.	28.9	76
23	Mapping and expression analysis of the mouse ortholog of Xenopus Eomesodermin. <i>Mechanisms of Development</i> , 1999, 81, 205-208.	1.7	74
24	The maternally expressed zebrafish T-box gene eomesodermin regulates organizer formation. <i>Development (Cambridge)</i> , 2003, 130, 5503-5517.	2.5	73
25	An unstable family of large DNA elements in the center of the mouse t complex. <i>Journal of Molecular Biology</i> , 1987, 194, 583-594.	4.2	71
26	Pluripotent embryonic stem cell lines can be derived from tw5/tw5 blastocysts. <i>Nature</i> , 1982, 298, 750-753.	27.8	70
27	Conservation of the T-box gene family from <i>Mus musculus</i> to <i>Caenorhabditis elegans</i> . <i>Genomics</i> , 1995, 25, 214-219.	2.9	66
28	Characterization of the zebrafish tbx16 gene and evolution of the vertebrate T-box family. <i>Development Genes and Evolution</i> , 1998, 208, 94-99.	0.9	65
29	Distribution patterns of three subfractions of drosophila nonhistone chromosomal proteins: possible correlations with gene activity. <i>Cell</i> , 1977, 11, 971-983.	28.9	64
30	NONHOMOLOGOUS PAIRING IN MICE HETEROZYGOUS FOR A t HAPLOTYPE CAN PRODUCE RECOMBINANT CHROMOSOMES WITH DUPLICATIONS AND DELETIONS. <i>Genetics</i> , 1986, 113, 723-734.	2.9	64
31	Hybrid Sterility-6: A Mouse t Complex Locus Controlling Sperm Flagellar Assembly and Movement. <i>Developmental Biology</i> , 1993, 159, 631-642.	2.0	63
32	A major influence of sex-specific loci on alcohol preference in C57Bl/6 and DBA/2 inbred mice. <i>Mammalian Genome</i> , 1998, 9, 942-948.	2.2	63
33	Phylogenetic Analysis of T-Box Genes Demonstrates the Importance of Amphioxus for Understanding Evolution of the Vertebrate Genome. <i>Genetics</i> , 2000, 156, 1249-1257.	2.9	60
34	GENETIC ANALYSIS OF A MOUSE t COMPLEX LOCUS THAT IS HOMOLOGOUS TO A KIDNEY cDNA CLONE. <i>Genetics</i> , 1986, 114, 993-1006.	2.9	57
35	Genetic organization of the mouse t complex. <i>Cell</i> , 1981, 27, 239-240.	28.9	56
36	The differential expression of the actins and tubulins during spermatogenesis in the mouse. <i>Experimental Cell Research</i> , 1984, 153, 275-280.	2.6	50

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37	Synthesis of mouse t complex proteins during haploid stages of spermatogenesis. <i>Developmental Biology</i> , 1987, 119, 605-608.	2.0	49
38	An alpha globin pseudogene is located within the mouse t complex. <i>Immunogenetics</i> , 1984, 19, 125-130.	2.4	48
39	An axonemal dynein at the Hybrid Sterility 6 locus: implications for t haplotype-specific male sterility and the evolution of species barriers. <i>Mammalian Genome</i> , 2000, 11, 8-15.	2.2	47
40	Allele- and haploid-specific product generated by alternative splicing from a mouse t complex responder locus candidate. <i>Nature</i> , 1991, 349, 239-241.	27.8	46
41	Cloning, Mapping, and Expression Analysis of TBX15, a New Member of the T-Box Gene Family. <i>Genomics</i> , 1998, 51, 68-75.	2.9	45
42	Newly Identified Paralogous Groups on Mouse Chromosomes 5 and 11 Reveal the Age of a T-Box Cluster Duplication. <i>Genomics</i> , 1997, 40, 262-266.	2.9	44
43	Low Frequency of Mouse <i>t</i> Haplotypes in Wild Populations Is Not Explained by Modifiers of Meiotic Drive. <i>Genetics</i> , 1996, 144, 1787-1797.	2.9	43
44	Transmission ratio distortion of mouse t haplotypes is not a consequence of wild-type sperm degeneration. <i>Developmental Biology</i> , 1984, 105, 250-252.	2.0	41
45	Mouse Chromosome 17. <i>Mammalian Genome</i> , 1992, 3, S241-S260.	2.2	39
46	Human homologs of two testes-expressed loci on mouse chromosome 17 map to opposite arms of chromosome 6. <i>Genomics</i> , 1989, 5, 139-143.	2.9	37
47	Gene dosage effects on transmission ratio distortion and fertility in mice that carry <i>t</i> haplotypes. <i>Genetical Research</i> , 1989, 54, 221-225.	0.9	36
48	A structural gene (Tcp-1) within the mouse t complex is separable from effects on tail length and lethality but may be associated with effects on spermatogenesis. <i>Genetical Research</i> , 1981, 38, 115-123.	0.9	34
49	A mouse chromosome 17 gene encodes a testes-specific transcript with unusual properties. <i>Immunogenetics</i> , 1989, 30, 34-41.	2.4	33
50	Mouse chromosome 17. <i>Mammalian Genome</i> , 1991, 1, S280-S300.	2.2	29
51	Transgenic N-myc mouse model for indolent B cell lymphoma: tumor characterization and analysis of genetic alterations in spontaneous and retrovirally accelerated tumors. <i>Oncogene</i> , 1998, 17, 2073-2085.	5.9	29
52	High-Resolution Comparative Mapping of Mouse Chromosome 17. <i>Genomics</i> , 1993, 17, 110-120.	2.9	28
53	Factors that may Regulate Assembly of the Mammalian Sperm Tail Deduced from a Mouse t Complex Mutation. <i>Biology of Reproduction</i> , 1993, 49, 1347-1352.	2.7	28
54	Molecular cloning of the t complex responder genetic locus. <i>Genomics</i> , 1990, 8, 134-140.	2.9	27

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55	A gene product of the mouse t complex with chemical properties of a cell surface-associated component of the extracellular matrix. <i>Developmental Biology</i> , 1982, 91, 423-430.	2.0	26
56	Establishment of embryonic stem cell lines from preimplantation mouse embryos homozygous for lethal mutations in the t-complex. <i>Developmental Biology</i> , 1987, 121, 20-28.	2.0	26
57	LOW FREQUENCY OF <i>t</i> -HAPLOTYPES IN NATURAL POPULATIONS OF HOUSE MICE ( <i>MUS MUSCULUS</i> ) Tj ETQq1 1 0,784314	2.3	26
58	Impact of Migration and Fitness on the Stability of Lethal <i>t</i> -Haplotype Polymorphism in <i>Mus musculus</i> : A Computer Study. <i>Genetics</i> , 1997, 145, 1093-1108.	2.9	25
59	Molecular analysis of the genetic relationship of trans interacting factors at the T/t complex. <i>Nature</i> , 1980, 288, 368-370.	27.8	24
60	Tor1 is a novel, variant form of mouse chromosome 17 with a deletion in a partial t haplotype. <i>Nature</i> , 1983, 301, 422-424.	27.8	24
61	Three novel <i>T</i> -box genes in <i>Caenorhabditis elegans</i> . <i>Genome</i> , 1997, 40, 458-464.	2.0	23
62	Carrier Screening is a Deficient Strategy for Determining Sperm Donor Eligibility and Reducing Risk of Disease in Recipient Children. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 276-284.	0.7	23
63	Low Frequency of t Haplotypes in Natural Populations of House Mice ( <i>Mus musculus domesticus</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1185.	2.3	22
64	Sex-restricted non-Mendelian inheritance of mouse Chromosome 11 in the offspring of crosses between C57BL/6J and (C57BL/6J Å— DBA/2J)F 1 mice. <i>Mammalian Genome</i> , 1998, 9, 812-815.	2.2	20
65	Cell-free translation of a Tt complex cell surface-associated gene product. <i>Cell</i> , 1980, 22, 901-904.	28.9	19
66	Mapping and cloning recombinant breakpoints demarcating the Hybrid Sterility 6-specific sperm tail assembly defect. <i>Mammalian Genome</i> , 1999, 10, 88-94.	2.2	19
67	Production and characterization of antisera against three individual NHC proteins; a case of a generally distributed NHC protein. <i>Chromosoma</i> , 1978, 68, 101-114.	2.2	18
68	Bouncing off microsatellites. <i>Nature Genetics</i> , 1992, 2, 8-9.	21.4	17
69	TBX10, a member of the Tbx1-subfamily of conserved developmental genes, is located at human Chromosome 11q13 and proximal mouse Chromosome 19. <i>Mammalian Genome</i> , 1998, 9, 397-399.	2.2	17
70	Targeted mutation screening panels expose systematic population bias in detection of cystic fibrosis risk. <i>Genetics in Medicine</i> , 2016, 18, 174-179.	2.4	17
71	Localization of the Mas proto-oncogene to a densely marked region of mouse chromosome 17 associated with genomic imprinting. <i>Genomics</i> , 1992, 13, 444-446.	2.9	15
72	Recent evolution of mouse t haplotypes at polymorphic microsatellites associated with the t complex responder (Tcr) locus. <i>Genetical Research</i> , 1996, 67, 1-10.	0.9	15

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73	Sex-specific modifiers of tail development in mice heterozygous for the brachyury (T) mutation. <i>Mammalian Genome</i> , 1998, 9, 107-110.	2.2	14
74	Concerted evolution of the mouse <i>Tcp-10</i> gene family: Implications for the functional basis of t haplotype transmission ratio distortion. <i>Genomics</i> , 1992, 12, 35-41.	2.9	13
75	Genetic mapping of three human homologues of murine t-complex genes localizes <i>TCP10</i> to 6q27, 15 cM distal to <i>TCP1</i> and <i>PLG</i> . <i>Genomics</i> , 1992, 12, 826-828.	2.9	13
76	Promoter mapping of the mouse <i>Tcp-10bt</i> gene in transgenic mice identifies essential male germ cell regulatory sequences. <i>Molecular Reproduction and Development</i> , 1996, 43, 290-297.	2.0	12
77	Chapter 4 Immunofluorescent Analysis of Chroma Structure in Relation to Gene Activity: A Speculative Essay. <i>Current Topics in Developmental Biology</i> , 1979, 13 Pt 1, 71-88.	2.2	11
78	What are clones?. <i>Nature</i> , 2001, 412, 21-21.	27.8	11
79	False association of human ESTs. <i>Nature Genetics</i> , 1994, 8, 321-322.	21.4	9
80	The mouse t complex distorter-3 ( <i>Tcd-3</i> ) locus and transmission ratio distortion. <i>Genetical Research</i> , 1993, 62, 133-137.	0.9	8
81	At the crossroads of developmental genetics: The cloning of the classical mouse <i>T</i> locus. <i>BioEssays</i> , 1990, 12, 377-380.	2.5	7
82	Genetics goes to Hollywood. <i>Nature Genetics</i> , 1997, 17, 260-261.	21.4	7
83	Reevaluation of the evidence for the generation of new lethal t haplotypes by mutation. <i>Immunogenetics</i> , 1983, 18, 91-96.	2.4	6
84	Persistence of a lethal <i>t</i> haplotype in a laboratory stock of outbred mice. <i>Genetical Research</i> , 1984, 43, 21-25.	0.9	6
85	Distortion of transmission ratio by a candidate t complex responder locus transgene. <i>Mammalian Genome</i> , 1992, 3, 588-596.	2.2	6
86	Cloning, Ethics, and Religion. <i>Cambridge Quarterly of Healthcare Ethics</i> , 1998, 7, 168-172.	0.8	6
87	Conservation of nonhistone chromosomal proteins through dipteran evolution. <i>Chromosoma</i> , 1980, 79, 65-74.	2.2	5
88	Authors and readers. <i>Mammalian Genome</i> , 1993, 4, 465-465.	2.2	4
89	A new spontaneous mutation at the tufted locus within a mouse <i>t</i> haplotype. <i>Genetical Research</i> , 1985, 45, 107-112.	0.9	3
90	Delineation of the t complex on mouse Chromosome 17 by in situ hybridization. <i>Mammalian Genome</i> , 1992, 2, 201-205.	2.2	2

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91	Molecular Studies of Mouse Chromosome 17 and the T Complex. , 1984, , 141-156.		2
92	Biotechnology and Conceptualizations of the Soul. Cambridge Quarterly of Healthcare Ethics, 2003, 12, 335-341.	0.8	1
93	Expression of the T-box family genes, Tbx1â€“Tbx5, during early mouse development. , 1996, 206, 379.		1
94	The T-box gene family. , 1998, 20, 9.		1
95	Bioethicists must come down to Earth. Nature, 1999, 399, 728-728.	27.8	0
96	Authors' Response to Wong et al.. Genetic Testing and Molecular Biomarkers, 2016, 20, 414-415.	0.7	0
97	The Acquisition of Sex: <i>Molecular Genetics of Sex Determination</i> . Stephen S. Wachtel, Ed. Academic Press, San Diego, CA, 1993. xviii, 518 pp., illus. \$89 or Â£68.. Science, 1994, 264, 116-116.	12.6	0