

# Loren C Skow

## List of Publications by Year in descending order

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47  
papers

4,947  
citations

218677

26  
h-index

223800

46  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5407  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. <i>Science</i> , 2009, 324, 522-528.	12.6	1,038
2	Genome-Wide Survey of SNP Variation Uncovers the Genetic Structure of Cattle Breeds. <i>Science</i> , 2009, 324, 528-532.	12.6	746
3	Genome Sequence, Comparative Analysis, and Population Genetics of the Domestic Horse. <i>Science</i> , 2009, 326, 865-867.	12.6	680
4	Dynamics of Mammalian Chromosome Evolution Inferred from Multispecies Comparative Maps. <i>Science</i> , 2005, 309, 613-617.	12.6	542
5	Molecular basis of mouse microphthalmia (mi) mutations helps explain their developmental and phenotypic consequences. <i>Nature Genetics</i> , 1994, 8, 256-263.	21.4	505
6	The First-Generation Whole-Genome Radiation Hybrid Map in the Horse Identifies Conserved Segments in Human and Mouse Genomes. <i>Genome Research</i> , 2003, 13, 742-751.	5.5	138
7	Construction of a 5000rad whole-genome radiation hybrid panel in the horse and generation of a comprehensive and comparative map for ECA11. <i>Mammalian Genome</i> , 2002, 13, 89-94.	2.2	78
8	A physical map of the bovine genome. <i>Genome Biology</i> , 2007, 8, R165.	9.6	73
9	An ordered BAC contig map of the equine major histocompatibility complex. <i>Cytogenetic and Genome Research</i> , 2003, 102, 189-195.	1.1	71
10	Exceptional conservation of horse-human gene order on X chromosome revealed by high-resolution radiation hybrid mapping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2386-2391.	7.1	67
11	A detailed physical map of the horse Y chromosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9321-9326.	7.1	65
12	Bovine NK-lysin: Copy number variation and functional diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7223-9.	7.1	54
13	Mapping of the mouse fibronectin gene (Fn-1) to chromosome 1: Conservation of the Idh-1-Cryg-Fn-1 synteny group in mammals. <i>Genomics</i> , 1987, 1, 283-286.	2.9	50
14	A 4,103 marker integrated physical and comparative map of the horse genome. <i>Cytogenetic and Genome Research</i> , 2008, 122, 28-36.	1.1	50
15	Identification of copy number variants in horses. <i>Genome Research</i> , 2012, 22, 899-907.	5.5	49
16	Genomic structure of the horse major histocompatibility complex class II region resolved using PacBio long-read sequencing technology. <i>Scientific Reports</i> , 2017, 7, 45518.	3.3	48
17	Gene discovery and comparative analysis of X-degenerate genes from the domestic cat Y chromosome. Sequence data from this article have been deposited with the EMBL/GenBank Data Libraries under Accession No. EU879967-EU879988. <i>Genomics</i> , 2008, 92, 329-338.	2.9	47
18	Development of Microsatellite DNA Markers for the Automated Genetic Characterization of White-Tailed Deer Populations. <i>Journal of Wildlife Management</i> , 2002, 66, 67.	1.8	46

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19	THE LOCUS ENCODING Î±A-CRYSTALLIN IS CLOSELY LINKED TO <i>H-2K</i> ON MOUSE CHROMOSOME 17. <i>Genetics</i> , 1985, 110, 723-732.	2.9	45
20	Location of a gene controlling electrophoretic variation in mouse Î³-crystallins. <i>Experimental Eye Research</i> , 1982, 34, 509-516.	2.6	43
21	Dominant visible and electrophoretically expressed mutations induced in male mice exposed to ethylene oxide by inhalation. <i>Environmental Mutagenesis</i> , 1986, 8, 867-872.	1.4	42
22	Syntenic conservation of HSP70 genes in cattle and humans. <i>Genomics</i> , 1992, 14, 863-868.	2.9	42
23	Synteny Mapping of the Genes for 21 Steroid Hydroxylase, Alpha A Crystallin, and Class I Bovine Leukocyte Antigen in Cattle. <i>DNA and Cell Biology</i> , 1988, 7, 143-149.	5.2	41
24	Further genetic analyses of skin tumor promoter susceptibility using inbred and recombinant inbred mice. <i>Carcinogenesis</i> , 1992, 13, 525-531.	2.8	39
25	Mapping of mouse gamma crystallin genes on chromosome 1. <i>Biochemical Genetics</i> , 1988, 26, 557-570.	1.7	37
26	GENETIC VARIATION AT A LOCUS ( <i>TAM-1</i> ) FOR SUBMAXILLARY GLAND PROTEASE IN THE MOUSE AND ITS LOCATION ON CHROMOSOME 7. <i>Genetics</i> , 1978, 90, 713-724.	2.9	34
27	Chromosomal localization of HSP70 genes in cattle. <i>Mammalian Genome</i> , 1993, 4, 388-390.	2.2	27
28	Conservation of Gene Order between Horse and Human X Chromosomes as Evidenced through Radiation Hybrid Mapping. <i>Genomics</i> , 2002, 79, 451-457.	2.9	25
29	A high-resolution physical map of equine homologs of HSA19 shows divergent evolution compared with other mammals. <i>Mammalian Genome</i> , 2005, 16, 631-649.	2.2	24
30	Genetic mapping of GBE1 and its association with glycogen storage disease IV in American Quarter horses. <i>Cytogenetic and Genome Research</i> , 2003, 102, 201-206.	1.1	23
31	Polymorphism and Linkage of the Î±A-Crystallin Gene in t-Haplotypes of the Mouse. <i>Genetics</i> , 1987, 116, 107-111.	2.9	18
32	A 1.4-Mb interval RH map of horse chromosome 17 provides detailed comparison with human and mouse homologues. <i>Genomics</i> , 2004, 83, 203-215.	2.9	17
33	High-resolution RH map of horse chromosome 22 reveals a putative ancestral vertebrate chromosome. <i>Genomics</i> , 2005, 85, 188-200.	2.9	17
34	A high resolution RH map of the bovine major histocompatibility complex. <i>BMC Genomics</i> , 2009, 10, 182.	2.8	16
35	Inherited enzyme variation among JAX strains of domestic rabbits. <i>Journal of Heredity</i> , 1978, 69, 165-168.	2.4	14
36	Mapping of 13 horse genes by fluorescence in-situ hybridization (FISH) and somatic cell hybrid analysis. <i>Chromosome Research</i> , 2001, 9, 53-59.	2.2	14

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37	Genetic variation for prolidase (PEP-4) in the mouse maps near the gene for glucosephosphate isomerase (GPI-1) on chromosome 7. <i>Biochemical Genetics</i> , 1981, 19, 695-700.	1.7	13
38	A second polymorphic lens crystallin (LEN-2) in the mouse: Genetic and biochemical analysis of LEN-1 and LEN-2. <i>Biochemical Genetics</i> , 1985, 23, 181-189.	1.7	13
39	Linkage of the locus encoding the A chain of $\hat{I}\pm$ -crystallin (Acry-1) to the major histocompatibility complex in the rat. <i>Immunogenetics</i> , 1985, 22, 291-293.	2.4	13
40	A 1.3-Mb interval map of equine homologs of HSA2. <i>Cytogenetic and Genome Research</i> , 2006, 112, 227-234.	1.1	10
41	Radiation hybrid mapping of 75 previously unreported equine microsatellite loci. <i>Animal Genetics</i> , 2004, 35, 68-71.	1.7	8
42	EXPRESSION OF EMBRYONIC HEMOGLOBIN GENES IN $\hat{I}$ -THALASSEMIC AND IN $\hat{I}\frac{1}{2}$ -DUPLICATION MICE. <i>Annals of the New York Academy of Sciences</i> , 1980, 344, 280-283.	3.8	7
43	Radiation hybrid mapping of 63 previously unreported equine microsatellite loci. <i>Animal Genetics</i> , 2004, 35, 159-162.	1.7	7
44	Expression of embryonic hemoglobin genes in mice heterozygous for $\hat{I}\pm$ -thalassemia or $\hat{I}^2$ -duplication traits and in mice heterozygous for both traits. <i>Developmental Biology</i> , 1981, 85, 123-128.	2.0	5
45	Electrophoretic variation in low molecular weight lens crystallins from inbred strains of rats. <i>Biochemical Genetics</i> , 1985, 23, 787-800.	1.7	5
46	DNA Sequences of bovine HSP70 $\hat{a}$ €“1 and HSP70 $\hat{a}$ €“2 genes. <i>Animal Biotechnology</i> , 1994, 5, 15-18.	1.5	1
47	Genomic Structure and Tissue Expression of the NK-Lysin Gene Family in Bison. <i>Journal of Heredity</i> , 2018, 109, 598-603.	2.4	0