Loren C Skow

List of Publications by Year
in descending order

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	Genomic Structure and Tissue Expression of the NK-Lysin Gene Family in Bison. Journal of Heredity, 2018, 109, 598-603.	2.4	0
2	Genomic structure of the horse major histocompatibility complex class II region resolved using PacBio long-read sequencing technology. Scientific Reports, 2017, 7, 45518.	3.3	48
3	Bovine<i>NK-lysin</i>: Copy number variation and functional diversification. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7223-9.	7.1	54
4	Identification of copy number variants in horses. Genome Research, 2012, 22, 899-907.	5.5	49
5	A high resolution RH map of the bovine major histocompatibility complex. BMC Genomics, 2009, 10, 182.	2.8	16
6	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. Science, 2009, 324, 522-528.	12.6	1,038
7	Genome Sequence, Comparative Analysis, and Population Genetics of the Domestic Horse. Science, 2009, 326, 865-867.	12.6	680
8	Genome-Wide Survey of SNP Variation Uncovers the Genetic Structure of Cattle Breeds. Science, 2009, 324, 528-532.	12.6	746
9	Gene discovery and comparative analysis of X-degenerate genes from the domestic cat Y chromosomeâ˜†â˜†Sequence data from this article have been deposited with the EMBL/GenBank Data Libraries under Accession No. EU879967-EU879988.. Genomics, 2008, 92, 329-338.	2.9	47
10	A 4,103 marker integrated physical and comparative map of the horse genome. Cytogenetic and Genome Research, 2008, 122, 28-36.	1.1	50
11	A physical map of the bovine genome. Genome Biology, 2007, 8, R165.	9.6	73
12	A 1.3-Mb interval map of equine homologs of HSA2. Cytogenetic and Genome Research, 2006, 112, 227-234.	1.1	10
13	A high-resolution physical map of equine homologs of HSA19 shows divergent evolution compared with other mammals. Mammalian Genome, 2005, 16, 631-649.	2.2	24
14	High-resolution RH map of horse chromosome 22 reveals a putative ancestral vertebrate chromosome. Genomics, 2005, 85, 188-200.	2.9	17
15	Dynamics of Mammalian Chromosome Evolution Inferred from Multispecies Comparative Maps. Science, 2005, 309, 613-617.	12.6	542
16	A detailed physical map of the horse Y chromosome. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9321-9326.	7.1	65
17	Exceptional conservation of horseâ€"human gene order on X chromosome revealed by high-resolution radiation hybrid mapping. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2386-2391.	7.1	67
18	Radiation hybrid mapping of 63 previously unreported equine microsatellite loci. Animal Genetics, 2004, 35, 159-162.	1.7	7

#	Article	IF	Citations
19	Radiation hybrid mapping of 75 previously unreported equine microsatellite loci. Animal Genetics, 2004, 35, 68-71.	1.7	8
20	A 1.4-Mb interval RH map of horse chromosome 17 provides detailed comparison with human and mouse homologues. Genomics, 2004, 83, 203-215.	2.9	17
21	Genetic mapping of GBE1 and its association with glycogen storage disease IV in American Quarter horses. Cytogenetic and Genome Research, 2003, 102, 201-206.	1.1	23
22	An ordered BAC contig map of the equine major histocompatibility complex. Cytogenetic and Genome Research, 2003, 102, 189-195.	1.1	71
23	The First-Generation Whole-Genome Radiation Hybrid Map in the Horse Identifies Conserved Segments in Human and Mouse Genomes. Genome Research, 2003, 13, 742-751.	5.5	138
24	Development of Microsatellite DNA Markers for the Automated Genetic Characterization of White-Tailed Deer Populations. Journal of Wildlife Management, 2002, 66, 67.	1.8	46
25	Conservation of Gene Order between Horse and Human X Chromosomes as Evidenced through Radiation Hybrid Mapping. Genomics, 2002, 79, 451-457.	2.9	25
26	Construction of a 5000rad whole-genome radiation hybrid panel in the horse and generation of a comprehensive and comparative map for ECA11. Mammalian Genome, 2002, 13, 89-94.	2.2	78
27	Mapping of 13 horse genes by fluorescence in-situ hybridization (FISH) and somatic cell hybrid analysis. Chromosome Research, 2001, 9, 53-59.	2.2	14
28	Molecular basis of mouse microphthalmia (mi) mutations helps explain their developmental and phenotypic consequences. Nature Genetics, 1994, 8, 256-263.	21.4	505
29	DNA Sequences of bovine HSP70â€“1 and HSP70â€“2 genes. Animal Biotechnology, 1994, 5, 15-18.	1.5	1
30	Chromosomal localization of HSP70 genes in cattle. Mammalian Genome, 1993, 4, 388-390.	2.2	27
31	Further genetic analyses of skin tumor promoter susceptibility using inbred and recombinant inbred mice. Carcinogenesis, 1992, 13, 525-531.	2.8	39
32	Syntenic conservation of HSP70 genes in cattle and humans. Genomics, 1992, 14, 863-868.	2.9	42
33	Mapping of mouse gamma crystallin genes on chromosome 1. Biochemical Genetics, 1988, 26, 557-570.	1.7	37
34	Synteny Mapping of the Genes for 21 Steroid Hydroxylase, Alpha A Crystallin, and Class I Bovine Leukocyte Antigen in Cattle. DNA and Cell Biology, 1988, 7, 143-149.	5.2	41
35	Mapping of the mouse fibronectin gene (Fn-1) to chromosome 1: Conservation of the Idh-1-Cryg-Fn-1 synteny group in mammals. Genomics, 1987, 1, 283-286.	2.9	50
36	Polymorphism and Linkage of the Î±A-Crystallin Gene in t-Haplotypes of the Mouse. Genetics, 1987, 116, 107-111.	2.9	18

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37	Dominant visible and electrophoretically expressed mutations induced in male mice exposed to ethylene oxide by inhalation. Environmental Mutagenesis, 1986, 8, 867-872.	1.4	42
38	A second polymorphic lens crystallin (LEN-2) in the mouse: Genetic and biochemical analysis of LEN-1 and LEN-2. Biochemical Genetics, 1985, 23, 181-189.	1.7	13
39	Linkage of the locus encoding the A chain of Î±-crystallin (Acry-1) to the major histocompatibility complex in the rat. Immunogenetics, 1985, 22, 291-293.	2.4	13
40	Electrophoretic variation in low molecular weight lens crystallins from inbred strains of rats. Biochemical Genetics, 1985, 23, 787-800.	1.7	5
41	THE LOCUS ENCODING Î±A-CRYSTALLIN IS CLOSELY LINKED TO <i>H-2K</i> ON MOUSE CHROMOSOME <i>17</i>. Genetics, 1985, 110, 723-732.	2.9	45
42	Location of a gene controlling electrophoretic variation in mouse Î³-crystallins. Experimental Eye Research, 1982, 34, 509-516.	2.6	43
43	Expression of embryonic hemoglobin genes in mice heterozygous for Î±-thalassemia or Î²-duplication traits and in mice heterozygous for both traits. Developmental Biology, 1981, 85, 123-128.	2.0	5
44	Genetic variation for prolidase (PEP-4) in the mouse maps near the gene for glucosephosphate isomerase (GPI-1) on chromosome 7. Biochemical Genetics, 1981, 19, 695-700.	1.7	13
45	EXPRESSION OF EMBRYONIC HEMOGLOBIN GENES IN ?-THALASSEMIC AND IN ï¿½-DUPLICATION MICE. Annals of the New York Academy of Sciences, 1980, 344, 280-283.	3.8	7
46	Inherited enzyme variation among JAX strains of domestic rabbits. Journal of Heredity, 1978, 69, 165-168.	2.4	14
47	GENETIC VARIATION AT A LOCUS (<i>TAM-1</i>) FOR SUBMAXILLARY GLAND PROTEASE IN THE MOUSE AND ITS LOCATION ON CHROMOSOME <i>7</i>. Genetics, 1978, 90, 713-724.	2.9	34