Dave Burt

List of Publications by Year
in descending order

229 papers	19,940 citations	17405 63 h-index	13727 129 g-index
249 all docs	249 docs citations	249 times ranked	15661 citing authors

#	Article	IF	Citations
1	Functional divergence of oligoadenylate synthetase 1 (OAS1) proteins in Tetrapods. Science China Life Sciences, 2022, 65, 1395-1412.	2.3	2
2	Transcriptâ€•and annotationâ€guided genome assembly of the European starling. Molecular Ecology Resources, 2022, 22, 3141-3160.	2.2	9
3	Comparison of 15 dinoflagellate genomes reveals extensive sequence and structural divergence in family Symbiodiniaceae and genus Symbiodinium. BMC Biology, 2021, 19, 73.	1.7	65
4	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	13.7	1,139
5	The impact of endogenous Avian Leukosis Viruses (ALVE) on production traits in elite layer lines. Poultry Science, 2021, 100, 101121.	1.5	6
6	Three chromosome-level duck genome assemblies provide insights into genomic variation during domestication. Nature Communications, 2021, 12, 5932.	5.8	27
7	Dense sampling of bird diversity increases power of comparative genomics. Nature, 2020, 587, 252-257.	13.7	251
8	Illuminating the dark side of the human transcriptome with long read transcript sequencing. BMC Genomics, 2020, 21, 751.	1.2	97
9	Mapping QTL Associated with Resistance to Avian Oncogenic Mareká€™s Disease Virus (MDV) Reveals Major Candidate Genes and Variants. Genes, 2020, 11, 1019.	1.0	11
10	Circadian clock mechanism driving mammalian photoperiodism. Nature Communications, 2020, 11, 4291.	5.8	42
11	Genomes of the dinoflagellate Polarella glacialis encode tandemly repeated single-exon genes with adaptive functions. BMC Biology, 2020, 18, 56.	1.7	64
12	Identification and characterisation of endogenous Avian Leukosis Virus subgroup E (ALVE) insertions in chicken whole genome sequencing data. Mobile DNA, 2020, 11, 22.	1.3	12
13	The quail genome: insights into social behaviour, seasonal biology and infectious disease response. BMC Biology, 2020, 18, 14.	1.7	40
14	Computational analysis of the evolutionarily conserved Missing In Metastasis/Metastasis Suppressor 1 gene predicts novel interactions, regulatory regions and transcriptional control. Scientific Reports, 2019, 9, 4155.	1.6	4
15	Chicken genomics. International Journal of Developmental Biology, 2018, 62, 265-271.	0.3	11
16	Population genomic data reveal genes related to important traits of quail. GigaScience, 2018, 7, .	3.3	38
17	Molecular Mechanisms for the Adaptive Switching Between the OAS/RNase L and OASL/RIG-I Pathways in Birds and Mammals. Frontiers in Immunology, 2018, 9, 1398.	2.2	29
18	Toll-Like Receptor Evolution in Birds: Gene Duplication, Pseudogenization, and Diversifying Selection. Molecular Biology and Evolution, 2018, 35, 2170-2184.	3.5	107

#	Article	IF	Citations
19	Chicken anaemia virus evades host immune responses in transformed lymphocytes. Journal of General Virology, 2018, 99, 321-327.	1.3	6
20	Normalized long read RNA sequencing in chicken reveals transcriptome complexity similar to human. BMC Genomics, 2017, 18, 323.	1.2	129
21	A New Chicken Genome Assembly Provides Insight into Avian Genome Structure. G3: Genes, Genomes, Genetics, 2017, 7, 109-117.	0.8	228
22	Diurnal and photoperiodic changes in thyrotrophinâ€stimulating hormone Î² expression and associated regulation of deiodinase enzymes (<scp>DIO</scp>2, <scp>DIO</scp>3) in the female juvenile chicken hypothalamus. Journal of Neuroendocrinology, 2017, 29, e12554.	1.2	13
23	Mapping of leptin and its syntenic genes to chicken chromosome 1p. BMC Genetics, 2017, 18, 77.	2.7	27
24	A new look at the LTR retrotransposon content of the chicken genome. BMC Genomics, 2016, 17, 688.	1.2	35
25	Commercial chicken breeds exhibit highly divergent patterns of linkage disequilibrium. Heredity, 2016, 117, 375-382.	1.2	21
26	Novel Insights into Chromosome Evolution in Birds, Archosaurs, and Reptiles. Genome Biology and Evolution, 2016, 8, 2442-2451.	1.1	66
27	A strategy to discover new organizers identifies a putative heart organizer. Nature Communications, 2016, 7, 12656.	5.8	31
28	Quantitative trait loci with sex-specific effects for internal organs weights and hematocrit value in a broiler-layer cross. Journal of Applied Genetics, 2016, 57, 215-224.	1.0	6
29	Animal genomics and infectious disease resistance in poultry. OIE Revue Scientifique Et Technique, 2016, 35, 105-119.	0.5	7
30	Evolution of the avian Î²-defensin and cathelicidin genes. BMC Evolutionary Biology, 2015, 15, 188.	3.2	57
31	Genome-wide analysis reveals the extent of EAV-HP integration in domestic chicken. BMC Genomics, 2015, 16, 784.	1.2	20
32	The early immune response to infection of chickens with Infectious Bronchitis Virus (IBV) in susceptible and resistant birds. BMC Veterinary Research, 2015, 11, 256.	0.7	39
33	Characterization of the Avian Trojan Gene Family Reveals Contrasting Evolutionary Constraints. PLoS ONE, 2015, 10, e0121672.	1.1	3
34	Transcriptomic Profiling of Virus-Host Cell Interactions following Chicken Anaemia Virus (CAV) Infection in an In Vivo Model. PLoS ONE, 2015, 10, e0134866.	1.1	19
35	Analysis of the crow lung transcriptome in response to infection with highly pathogenic H5N1 avian influenza virus. Gene, 2015, 559, 77-85.	1.0	21
36	Avianbase: a community resource for bird genomics. Genome Biology, 2015, 16, 21.	3.8	28

#	Article	IF	Citations
37	Third Report on Chicken Genes and Chromosomes 2015. Cytogenetic and Genome Research, 2015, 145, 78-179.	0.6	97
38	Cetaceans evolution: insights from the genome sequences of common minke whales. BMC Genomics, 2015, 16, 13.	1.2	28
39	The development and maintenance of the mononuclear phagocyte system of the chick is controlled by signals from the macrophage colony-stimulating factor receptor. BMC Biology, 2015, 13, 12.	1.7	62
40	Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project. Genome Biology, 2015, 16, 57.	3.8	331
41	Phylogenomic analyses data of the avian phylogenomics project. GigaScience, 2015, 4, 4.	3.3	72
42	SNP and INDEL detection in a QTL region on chicken chromosome 2 associated with muscle deposition. Animal Genetics, 2015, 46, 158-163.	0.6	21
43	Variant discovery in a QTL region on chromosome 3 associated with fatness in chickens. Animal Genetics, 2015, 46, 141-147.	0.6	28
44	A comparative analysis of host responses to avian influenza infection in ducks and chickens highlights a role for the interferon-induced transmembrane proteins in viral resistance. BMC Genomics, 2015, 16, 574.	1.2	92
45	Detection and characterization of small insertion and deletion genetic variants in modern layer chicken genomes. BMC Genomics, 2015, 16, 562.	1.2	10
46	Binary Switching of Calendar Cells in the Pituitary Defines the Phase of the Circannual Cycle in Mammals. Current Biology, 2015, 25, 2651-2662.	1.8	97
47	Functional classification of 15 million SNPs detected from diverse chicken populations. DNA Research, 2015, 22, 205-217.	1.5	40
48	Analysis of the Early Immune Response to Infection by Infectious Bursal Disease Virus in Chickens Differing in Their Resistance to the Disease. Journal of Virology, 2015, 89, 2469-2482.	1.5	47
49	Visualisation of chicken macrophages using transgenic reporter genes: insights into the development of the avian macrophage lineage. Development (Cambridge), 2014, 141, 3255-3265.	1.2	107
50	Major transcriptome re-organisation and abrupt changes in signalling, cell cycle and chromatin regulation at neural differentiation in vivo. Development (Cambridge), 2014, 141, 3266-3276.	1.2	54
51	Whole-genome analyses resolve early branches in the tree of life of modern birds. Science, 2014, 346, 1320-1331.	6.0	1,583
52	Comparative genomics reveals insights into avian genome evolution and adaptation. Science, 2014, 346, 1311-1320.	6.0	895
53	Reconstruction of gross avian genome structure, organization and evolution suggests that the chicken lineage most closely resembles the dinosaur avian ancestor. BMC Genomics, 2014, 15, 1060.	1.2	71
54	Comparative genomic data of the Avian Phylogenomics Project. GigaScience, 2014, 3, 26.	3.3	117

#	Article	IF	Citations
55	Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment. GigaScience, 2014, 3, 27.	3.3	72
56	All chromosomes great and small: 10 years on. Chromosome Research, 2014, 22, 1-6.	1.0	14
57	Development of a high density 600K SNP genotyping array for chicken. BMC Genomics, 2013, 14, 59.	1.2	332
58	Microarray resources for genetic and genomic studies in chicken: A review. Genesis, 2013, 51, 337-356.	0.8	27
59	Association of IGF1 and KDM5A polymorphisms with performance, fatness and carcass traits in chickens. Journal of Applied Genetics, 2013, 54, 103-112.	1.0	32
60	Comparative analysis of quantitative trait loci for body weight, growth rate and growth curve parameters from 3 to 72Âweeks of age in female chickens of a broilerâ€“layer cross. BMC Genetics, 2013, 14, 22.	2.7	59
61	Npas4Is Activated by Melatonin, and Drives the Clock GeneCry1in the Ovine Pars Tuberalis. Molecular Endocrinology, 2013, 27, 979-989.	3.7	28
62	The duck genome and transcriptome provide insight into an avian influenza virus reservoir species. Nature Genetics, 2013, 45, 776-783.	9.4	327
63	Decreased expression of the satiety signal receptor CCKAR is responsible for increased growth and body weight during the domestication of chickens. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E909-E921.	1.8	60
64	Peeling Back the Evolutionary Layers of Molecular Mechanisms Responsive to Exercise-Stress in the Skeletal Muscle of the Racing Horse. DNA Research, 2013, 20, 287-298.	1.5	20
65	Identification of Differentially Evolved Genes: An Alternative Approach to Detection of Accelerated Molecular Evolution from Genome-Wide Comparative Data. Evolutionary Bioinformatics, 2013, 9, EBO.S12166.	0.6	2
66	eChickAtlas: An introduction to the database. Genesis, 2013, 51, 365-371.	0.8	13
67	Chick genomics. Genesis, 2013, 51, 295-295.	0.8	0
68	Preparation, Characterization and Release of Urea from Wheat Gluten Electrospun Membranes. Materials, 2012, 5, 2903-2916.	1.3	66
69	Many quantitative trait loci for feather growth in an F₂broilerÃ—layer cross collocate with body weight loci. British Poultry Science, 2012, 53, 162-167.	0.8	11
70	Bone mineral density QTL at sexual maturity and end of lay. British Poultry Science, 2012, 53, 763-769.	0.8	9
71	A High Resolution Genome-Wide Scan for Significant Selective Sweeps: An Application to Pooled Sequence Data in Laying Chickens. PLoS ONE, 2012, 7, e49525.	1.1	65
72	Complex traits analysis of chicken growth using targeted genetical genomics. Animal Genetics, 2012, 43, 163-171.	0.6	4

#	Article	IF	Citations
73	Quantitative trait loci associated with chemical composition of the chicken carcass. Animal Genetics, 2012, 43, 570-576.	0.6	14
74	Systemic virus distribution and host responses in brain and intestine of chickens infected with low pathogenic or high pathogenic avian influenza virus. Virology Journal, 2012, 9, 61.	1.4	31
75	MpdzNull Allele in an Avian Model of Retinal Degeneration and Mutations in Human Leber Congenital Amaurosis and Retinitis Pigmentosa. , 2011, 52, 7432.		24
76	QTL for percentage of carcass and carcass parts in a broiler x layer cross. Animal Genetics, 2011, 42, 117-124.	0.6	20
77	Molecular evolution of the vertebrate TLR1 gene family - a complex history of gene duplication, gene conversion, positive selection and co-evolution. BMC Evolutionary Biology, 2011, 11, 149.	3.2	66
78	The chicken polydactyly (Po) locus causes allelic imbalance and ectopic expression of Shh during limb development. Developmental Dynamics, 2011, 240, 1163-1172.	0.8	44
79	Overlap of quantitative trait loci for early growth rate, and for body weight and age at onset of sexual maturity in chickens. Reproduction, 2011, 141, 381-389.	1.1	36
80	Systems Analysis of Immune Responses in Marek's Disease Virus-Infected Chickens Identifies a Gene Involved in Susceptibility and Highlights a Possible Novel Pathogenicity Mechanism. Journal of Virology, 2011, 85, 11146-11158.	1.5	78
81	Cryptic Patterning of Avian Skin Confers a Developmental Facility for Loss of Neck Feathering. PLoS Biology, 2011, 9, e1001028.	2.6	90
82	Identification of Eya3 and TAC1 as Long-Day Signals in the Sheep Pituitary. Current Biology, 2010, 20, 829-835.	1.8	75
83	Gene duplication and fragmentation in the zebra finch major histocompatibility complex. BMC Biology, 2010, 8, 29.	1.7	121
84	The genome of a songbird. Nature, 2010, 464, 757-762.	13.7	770
85	Multi-Platform Next-Generation Sequencing of the Domestic Turkey (Meleagris gallopavo): Genome Assembly and Analysis. PLoS Biology, 2010, 8, e1000475.	2.6	348
86	Pivotal Advance: Avian colony-stimulating factor 1 (CSF-1), interleukin-34 (IL-34), and CSF-1 receptor genes and gene products. Journal of Leukocyte Biology, 2010, 87, 753-764.	1.5	173
87	Identification of genes downstream of the Shh signalling in the developing chick wing and syn-expressed with Hoxd13 using microarray and 3D computational analysis. Mechanisms of Development, 2010, 127, 428-441.	1.7	18
88	TheTalpid3gene (KIAA0586) encodes a centrosomal protein that is essential for primary cilia formation. Development (Cambridge), 2009, 136, 655-664.	1.2	123
89	The chicken gene nomenclature committee report. BMC Genomics, 2009, 10, S5.	1.2	34
90	The cattle genome reveals its secrets. Journal of Biology, 2009, 8, 36.	2.7	13

#	Article	IF	Citations
91	Quantitative trait loci for performance traits in a broiler Ã— layer cross. Animal Genetics, 2009, 40, 200-208.	0.6	46
92	Quantitative trait loci associated with fatness in a broilerâ€“layer cross. Animal Genetics, 2009, 40, 729-736.	0.6	48
93	Identification of chromosomal regions associated with growth and carcass traits in an F₃ full sib intercross line originating from a cross of chicken lines divergently selected on body weight. Animal Genetics, 2009, 40, 743-748.	0.6	23
94	18-P015 3D analysis of gene expression during limb development in the Chick. Mechanisms of Development, 2009, 126, S289.	1.7	0
95	A genomeâ€wide linkage study in families with major depression and coâ€morbid unexplained swelling. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 356-362.	1.1	0
96	Whole genome comparative studies between chicken and turkey and their implications for avian genome evolution. BMC Genomics, 2008, 9, 168.	1.2	119
97	Evolution of the chicken Toll-like receptor gene family: A story of gene gain and gene loss. BMC Genomics, 2008, 9, 62.	1.2	277
98	Identification of Melatonin-Regulated Genes in the Ovine Pituitary Pars Tuberalis, a Target Site for Seasonal Hormone Control. Endocrinology, 2008, 149, 5527-5539.	1.4	65
99	Identification and functional characterization of a bovine orthologue to DC-SIGN. Journal of Leukocyte Biology, 2008, 83, 1396-1403.	1.5	18
100	Genomic research and applications in the duck (Anas platyrhynchos). World's Poultry Science Journal, 2008, 64, 329-341.	1.4	12
101	Quantitative trait loci for bone traits segregating independently of those for growth in an F₂ broiler Ã— layer cross. Cytogenetic and Genome Research, 2007, 117, 296-304.	0.6	20
102	Analysis of talpid3 and wild-type chicken embryos reveals roles for Hedgehog signalling in development of the limb bud vasculature. Developmental Biology, 2007, 301, 155-165.	0.9	30
103	Emergence of the Chicken as a Model Organism: Implications for Agriculture and Biology. Poultry Science, 2007, 86, 1460-1471.	1.5	71
104	Avian genomics in the 21st century. Cytogenetic and Genome Research, 2007, 117, 6-13.	0.6	14
105	A QTL for osteoporosis detected in an F2population derived from White Leghorn chicken lines divergently selected for bone index. Animal Genetics, 2007, 38, 45-49.	0.6	37
106	Integration of microsatellite-based genetic maps for the turkey (Meleagris gallopavo). Genome, 2006, 49, 1308-1318.	0.9	6
107	RskÎ±-actin/hIGF-1 transgenic mice with increased IGF-I in skeletal muscle and blood: Impact on regeneration, denervation and muscular dystrophy. Growth Hormone and IGF Research, 2006, 16, 157-173.	0.5	19
108	Molecular immunophenotyping of lungs and spleens in naive and vaccinated chickens early after pulmonary avian influenza A (H9N2) virus infection. Vaccine, 2006, 24, 6096-6109.	1.7	34

#	Article	IF	Citations
109	Mapping QTLs on chicken chromosome 1 for performance and carcass traits in a broiler x layer cross. Animal Genetics, 2006, 37, 95-100.	0.6	74
110	QTL analysis of body weight and conformation score in commercial broiler chickens using variance component and half-sib analyses. Animal Genetics, 2006, 37, 269-272.	0.6	12
111	Identification of a non-mammalian leptin-like gene: Characterization and expression in the tiger salamander (Ambystoma tigrinum). General and Comparative Endocrinology, 2006, 146, 157-166.	0.8	49
112	Development of a chicken 5 K microarray targeted towards immune function. BMC Genomics, 2006, 7, 49.	1.2	32
113	The Chicken Genome. , 2006, 2, 123-137.		17
114	Mutation in the Guanine Nucleotideâ€“Binding Protein Î²-3 Causes Retinal Degeneration and Embryonic Mortality in Chickens. , 2006, 47, 4714.		41
115	The chicken talpid3 gene encodesa novel protein essentialfor Hedgehog signaling. Genes and Development, 2006, 20, 1365-1377.	2.7	112
116	Isolation and mapping the chicken zona pellucida genes: An insight into the evolution of orthologous genes in different species. Molecular Reproduction and Development, 2005, 70, 133-145.	1.0	63
117	Development of a cDNA array for chicken gene expression analysis. BMC Genomics, 2005, 6, 13.	1.2	66
118	Poultry Genomics Puts Meat on the Table. Comparative and Functional Genomics, 2005, 6, 311-316.	2.0	0
119	Chicken genome: Current status and future opportunities. Genome Research, 2005, 15, 1692-1698.	2.4	123
120	Comparison of the chicken and turkey genomes reveals a higher rate of nucleotide divergence on microchromosomes than macrochromosomes. Genome Research, 2005, 15, 120-125.	2.4	138
121	Mapping of quantitative trait loci affecting organ weights and blood variables in a broiler layer cross. British Poultry Science, 2005, 46, 430-442.	0.8	36
122	Second report on chicken genes and chromosomes 2005. Cytogenetic and Genome Research, 2005, 109, 415-479.	0.6	136
123	Chicken genomics charts a path to the genome sequence. Briefings in Functional Genomics & Proteomics, 2004, 3, 60-67.	3.8	14
124	ChickVD: a sequence variation database for the chicken genome. Nucleic Acids Research, 2004, 33, D438-D441.	6.5	33
125	Segregation of QTL for production traits in commercial meat-type chickens. Genetical Research, 2004, 83, 211-220.	0.3	55
126	Sequence and comparative analysis of the chicken genome provide unique perspectives on vertebrate evolution. Nature, 2004, 432, 695-716.	13.7	2,421

#	Article	IF	Citations
127	A genetic variation map for chicken with 2.8 million single-nucleotide polymorphisms. Nature, 2004, 432, 717-722.	13.7	391
128	Quantitative trait loci for meat yield and muscle distribution in a broiler layer cross. Livestock Science, 2004, 87, 143-151.	1.2	47
129	Craniofacial development in the talpid3 chicken mutant. Differentiation, 2004, 72, 348-362.	1.0	37
130	In-silico identification of chicken immune-related genes. Immunogenetics, 2004, 56, 122-133.	1.2	62
131	On Reassessment of the ChickenTGFB4Gene asTGFB1. Growth Factors, 2004, 22, 121-122.	0.5	17
132	Molecular Cytogenetic Definition of the Chicken Genome: The First Complete Avian Karyotype. Genetics, 2004, 166, 1367-1373.	1.2	122
133	Simultaneous mapping of epistatic QTL in chickens reveals clusters of QTL pairs with similar genetic effects on growth. Genetical Research, 2004, 83, 197-209.	0.3	82
134	The chicken genome and the developmental biologist. Mechanisms of Development, 2004, 121, 1129-1135.	1.7	40
135	Chicken syndecan-4 (SDC4) maps to linkage group E32E47W24. Animal Genetics, 2003, 34, 237-238.	0.6	1
136	Preliminary linkage map of the Turkey (Meleagris gallopavo) based on microsatellite markers. Animal Genetics, 2003, 34, 399-409.	0.6	30
137	Mapping the ABCA4 , IMPDH2 and TIMP3 genes in chicken. Animal Genetics, 2003, 34, 395-396.	0.6	0
138	GENETICS: Chicken Genome--Science Nuggets to Come Soon. Science, 2003, 300, 1669-1669.	6.0	61
139	Quantitative trait locus detection in commercial broiler lines using candidate regions1. Journal of Animal Science, 2003, 81, 1158-1165.	0.2	54
140	Analysis of the rdd locus in chicken: a model for human retinitis pigmentosa. Molecular Vision, 2003, 9, 164-70.	1.1	12
141	Genetic, ophthalmic, morphometric and histopathological analysis of the Retinopathy Globe Enlarged (rge) chicken. Molecular Vision, 2003, 9, 295-300.	1.1	15
142	Mapping of quantitative trait loci for body weight at three, six, and nine weeks of age in a broiler layer cross. Poultry Science, 2002, 81, 1775-1781.	1.5	136
143	Applications of biotechnology in the poultry industry. World's Poultry Science Journal, 2002, 58, 5-13.	1.4	34
144	Comparative mapping of Z-orthologous genes in vertebrates: implications for the evolution of avian sex chromosomes. Cytogenetic and Genome Research, 2002, 99, 178-184.	0.6	37

#	Article	IF	Citations
145	Comparative mapping in farm animals. Briefings in Functional Genomics & Proteomics, 2002, 1, 159-168.	3.8	13
146	Mapping quantitative trait loci and identification of genes that control fatness in poultry. Proceedings of the Nutrition Society, 2002, 61, 441-446.	0.4	9
147	Origin and evolution of avian microchromosomes. Cytogenetic and Genome Research, 2002, 96, 97-112.	0.6	220
148	A Comprehensive Collection of Chicken cDNAs. Current Biology, 2002, 12, 1965-1969.	1.8	305
149	Comparative mapping of human Chromosome 19 with the chicken shows conserved synteny and gives an insight into chromosomal evolution. Mammalian Genome, 2002, 13, 310-315.	1.0	30
150	Chromosomal localization of the chicken and mammalian orthologues of the orphan phosphatase PHOSPHO1 gene. Animal Genetics, 2002, 33, 451-454.	0.6	12
151	Quantitative trait loci affecting fatness in the chicken. Animal Genetics, 2002, 33, 428-435.	0.6	109
152	The ARKdb: genome databases for farmed and other animals. Nucleic Acids Research, 2001, 29, 106-110.	6.5	64
153	Mapping of the luteinizing hormone/choriogonadotropin receptor gene (LHCGR) to chicken chromosome 3. Animal Genetics, 2001, 32, 50-50.	0.6	1
154	Integration of the genetic and physical maps of the chicken macrochromosomes. Animal Genetics, 2000, 31, 20-27.	0.6	16
155	Differences in gene density on chicken macrochromosomes and microchromosomes. Animal Genetics, 2000, 31, 96-103.	0.6	128
156	Mapping of the leptin receptor gene (LEPR) to chicken chromosome 8. Animal Genetics, 2000, 31, 290-290.	0.6	8
157	Mapping the RAIDD gene of chicken (Gallus gallus): identification of a region homologous to the mouse high-growth region. Mammalian Genome, 2000, 11, 706-709.	1.0	1
158	Human Chromosomes 3 and 21 are the products of an ancestral gene arrangement that is at least 300 million years old. Mammalian Genome, 2000, 11, 806-807.	1.0	3
159	First report on chicken genes and chromosomes 2000. Cytogenetic and Genome Research, 2000, 90, 169-218.	0.6	299
160	Conserved synteny between the chicken Z sex chromosome and human chromosome 9 includes the male regulatory gene DMRT1: a comparative (re)view on avian sex determination. Cytogenetic and Genome Research, 2000, 89, 67-78.	0.6	159
161	Mapping of the leptin receptor gene (LEPR) to chicken chromosome 8. Animal Genetics, 2000, 31, 290-290.	0.6	17
162	A Chromosome-Based Model for Estimating the Number of Conserved Segments Between Pairs of Species From Comparative Genetic Maps. Genetics, 2000, 154, 323-332.	1.2	25

#	Article	IF	Citations
163	CORRIGENDUM. Genetics, 2000, 155, 993-993.	1.2	1
164	A consensus linkage map of the chicken genome. Genome Research, 2000, 10, 137-47.	2.4	357
165	Micro- and macrochromosome paints generated by flow cytometry and microdissection: tools for mapping the chicken genome. Cytogenetic and Genome Research, 1999, 87, 278-281.	0.6	103
166	Turkey Sperm Mobility Influences Paternity in the Context of Competitive Fertilization1. Biology of Reproduction, 1999, 61, 422-427.	1.2	54
167	A novel integral membrane protein is differentially expressed in the chick growth plate and maps to chromosome 1. Animal Genetics, 1999, 30, 300-303.	0.6	2
168	The dynamics of chromosome evolution in birds and mammals. Nature, 1999, 402, 411-413.	13.7	280
169	300 million years of conserved synteny between chicken Z and human chromosome 9. Nature Genetics, 1999, 21, 258-259.	9.4	330
170	Expression of transcription factor c-Rel and apoptosis occurrence in polydactylous and syndactylous limb buds of the talpid3 mutant chick embryo. Apoptosis: an International Journal on Programmed Cell Death, 1999, 4, 31-38.	2.2	3
171	Mapping of the prolactin gene to chicken chromosome 2. Animal Genetics, 1999, 30, 462-478.	0.6	5
172	Expression of ptc and gli genes in talpid3 suggests bifurcation in Shh pathway. Development (Cambridge), 1999, 126, 2397-407.	1.2	23
173	SHORT COMMUNICATIONS. Mapping of five members of the cyclin gene family on chicken chromosomes by FISH. Chromosome Research, 1998, 6, 231-238.	1.0	15
174	Parameters of the chicken genome (Gallus gallus). Animal Genetics, 1998, 29, 290-294.	0.6	50
175	The chicken CP49 gene contains an extra exon compared to the human CP49 gene which identifies an important step in the evolution of the eye lens intermediate filament proteins. Gene, 1998, 211, 19-27.	1.0	30
176	The Human Homologue (GFI1B) of the Chicken GFI Gene Maps to Chromosome 9q34.13â€"A Locus Frequently Altered in Hematopoietic Diseases. Genomics, 1998, 54, 580-582.	1.3	29
177	The Chicken Gene Map. ILAR Journal, 1998, 39, 229-236.	1.8	17
178	Genetic mapping of the chicken prolactin receptor gene: A candidate gene for the control of broodiness. British Poultry Science, 1998, 39, 23-24.	0.8	21
179	Mapping Chicken Genes Using Preferential Amplification of Specific Alleles. Microbial & Comparative Genomics, 1998, 3, 13-20.	0.6	16
180	Characterization of whole genome radiation hybrid mapping resources for non-mammalian vertebrates. Nucleic Acids Research, 1998, 26, 3562-3566.	6.5	103

#	Article	IF	Citations
181	Cloning, expression and map assignment of chicken prosaposin. Biochemical Journal, 1998, 330, 321-327.	1.7	11
182	Two applications to facilitate the viewing of database search result files on the Macintosh. Bioinformatics, 1997, 13, 623-624.	1.8	0
183	Improved EBV-based shuttle vector system: dicistronic mRNA couples the synthesis of the Epsteinâ€“Barr nuclear antigen-1 protein to neomycin resistance. Gene, 1997, 197, 83-89.	1.0	15
184	Gene homologs on human chromosome 15q21-q26 and a chicken microchromosome identify a new conserved segment. Mammalian Genome, 1997, 8, 436-440.	1.0	33
185	Expression of the gene for transforming growth factor-beta in avian dyschondroplasia. Research in Veterinary Science, 1996, 61, 120-124.	0.9	11
186	Comparative Genome Organization of Vertebrates. Mammalian Genome, 1996, 7, 717-734.	1.0	146
187	qValue-A program to calculate comparative measures of genomic reorganisation from cytogenetic and/or linkage information. Bioinformatics, 1996, 12, 181-183.	1.8	1
188	The expression of transforming growth factor-Î² by cultured chick growth plate chondrocytes: differential regulation by 1,25-dihydroxyvitamin D3. Journal of Endocrinology, 1996, 149, 277-285.	1.2	17
189	Genetic and Physical Mapping of the Chicken IGF1 Gene to Chromosome 1 and Conservation of Synteny With Other Vertebrate Genomes. Journal of Heredity, 1996, 87, 10-14.	1.0	43
190	Chicken genome mapping: a new era in avian genetics. Trends in Genetics, 1995, 11, 190-194.	2.9	112
191	Expression of genes encoding bone morphogenetic proteins and sonic hedgehog in talpid (ta3) limb buds: Their relationships in the signalling cascade involved in limb patterning. Developmental Dynamics, 1995, 203, 187-197.	0.8	109
192	Expression of Transforming Growth Factor-Î² mRNA in Chicken Ovarian Follicular Tissue. General and Comparative Endocrinology, 1995, 98, 227-233.	0.8	25
193	The Chicken Transforming Growth Factor-Î²3 Gene: Genomic Structure, Transcriptional Analysis, and Chromosomal Location. DNA and Cell Biology, 1995, 14, 111-123.	0.9	26
194	A SstI RFLP at the chicken transforming growth factorâ€Î²2 locus (TGFB2). Animal Genetics, 1995, 26, 210-210.	0.6	3
195	Molecular cloning and expression of bone morphogenetic protein-7 in the chick epiphyseal growth plate. Journal of Molecular Endocrinology, 1994, 13, 289-301.	1.1	56
196	Tissue specific expression of an Î±-skeletal actin-lacZ fusion gene during development in transgenic mice. Transgenic Research, 1994, 3, 59-66.	1.3	13
197	Insulin-like Growth Factor-I in the Ovary of the Laying Hen: Gene Expression and Biological Actions on Granulosa and Thecal Cells. General and Comparative Endocrinology, 1994, 93, 327-336.	0.8	36
198	Molecular biology of the renin-angiotensin system. Regulatory Peptides, 1994, 53, 137.	1.9	1

#	Article	IF	Citations
199	Evolution of the transforming growth factor-beta superfamily. Progress in Growth Factor Research, 1994, 5, 99-118.	1.7	104
200	Mapping the chicken ACTA2 locus using heteroduplex polymorphisms. Animal Genetics, 1994, 25, 199-199.	0.6	3
201	Dinucleotide repeat polymorphisms at the chicken ACTAB locus. Animal Genetics, 1994, 25, 204-204.	0.6	0
202	Mapping the chicken GAPD locus using heteroduplex polymorphisms. Animal Genetics, 1994, 25, 207-207.	0.6	6
203	A MspI RFLP at the chicken tyrosine hydroxylase locus (TH). Animal Genetics, 1994, 25, 366-366.	0.6	1
204	Estimation of restriction maps with known site order using a generalized linear model. Bioinformatics, 1993, 9, 242-242.	1.8	0
205	Correction: a new interpretation of a chicken transforming growth factor-beta 4 complementary DNA.. Molecular Endocrinology, 1992, 6, 989-992.	3.7	22
206	Estimation of restriction maps with known site order using a generalized linear model. Bioinformatics, 1992, 8, 539-548.	1.8	0
207	Evolutionary Origins of the Transforming Growth Factor-Î² Gene Family. DNA and Cell Biology, 1992, 11, 497-510.	0.9	72
208	Multiple growth factor mRNAS are expressed in chicken adipocyte precursor cells. Biochemical and Biophysical Research Communications, 1992, 187, 1298-1305.	1.0	17
209	Evolutionary grouping of the transforming growth factor-Î² superfamily. Biochemical and Biophysical Research Communications, 1992, 184, 590-595.	1.0	33
210	Cell-dependent posttranslational processing and secretion of recombinant mouse renin-2. American Journal of Physiology - Endocrinology and Metabolism, 1992, 262, E224-E229.	1.8	5
211	Tissue specificity of renin promoter activity and regulation in mice. American Journal of Physiology - Endocrinology and Metabolism, 1992, 262, E644-E650.	1.8	5
212	Correction: a new interpretation of a chicken transforming growth factor-beta 4 complementary DNA. Molecular Endocrinology, 1992, 6, 989-992.	3.7	21
213	Comparative analysis of human and chicken transforming growth factor-Î²2 and -Î²3 promoters. Journal of Molecular Endocrinology, 1991, 7, 175-183.	1.1	18
214	Molecular Cloning and Primary Structure of the Chicken Transforming Growth Factor-Î²2 Gene. DNA and Cell Biology, 1991, 10, 723-734.	0.9	50
215	A lack of genetic linkage of renin gene restriction fragment length polymorphisms with human hypertension.. Hypertension, 1989, 14, 614-618.	1.3	109
216	The nucleotide sequence of a mouse renin-encoding gene, Ren-1d, and its upstream region. Gene, 1989, 84, 91-104.	1.0	32

#	Article	IF	Citations
217	Negative control elements and cAMP responsive sequences in the tissue-specific expression of mouse renin genes.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 56-59.	3.3	85
218	Identification of cis-acting sequences responsible for phorbol ester induction of human serum amyloid A gene expression via a nuclear factor kappaB-like transcription factor.. Molecular and Cellular Biology, 1989, 9, 1908-1916.	1.1	151
219	Identification of negative and positive regulatory elements in the human renin gene. Journal of Biological Chemistry, 1989, 264, 7357-7362.	1.6	75
220	Identification of negative and positive regulatory elements in the human renin gene. Journal of Biological Chemistry, 1989, 264, 7357-62.	1.6	68
221	Functional human renin promoter in transfected cells. Journal of Hypertension, 1988, 6, S429-431.	0.3	5
222	Mapping of the Human Renin Transcription Start Site: Evidence for a Single Functional Promoter. Clinical and Experimental Hypertension, 1988, 10, 1313-1316.	0.3	0
223	Identification of Potential Regulatory Regions in the Renin Gene. Clinical and Experimental Hypertension, 1988, 10, 1141-1146.	0.3	0
224	Novel and enhanced IL-1 gene expression in autoimmune mice with lupus. Journal of Immunology, 1988, 141, 118-24.	0.4	99
225	A retroviral provirus closely associated with theRen-2 gene of DBA/2 mice. Nucleic Acids Research, 1984, 12, 8579-8593.	6.5	63
226	Molecular cloning of two distinct renin genes from the DBA/2 mouse.. EMBO Journal, 1982, 1, 1461-1466.	3.5	85
227	Transcriptional termination sites in the b2 region of bacteriophage lambda that are unresponsive to antitermination. Molecular Genetics and Genomics, 1982, 185, 462-467.	2.4	12
228	The Cis-specificity of the Q-gene product of bacteriophage lambda. Molecular Genetics and Genomics, 1982, 185, 468-472.	2.4	16
229	Molecular cloning of two distinct renin genes from the DBA/2 mouse. EMBO Journal, 1982, 1, 1461-6.	3.5	26