# Matthew Breen

## List of Publications by Year in Descending Order



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| 133 papers | 8,181 citations | 46 h-index | 89 g-index |
| 139 ext. papers | 9,362 ext. citations | 5.9 avg, IF | 5.31 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 133 | Pathology in Practice.. *Journal of the American Veterinary Medical Association*, **2022**, 259, 1-3 | 1 | |
| 132 | Genomically Complex Human Angiosarcoma and Canine Hemangiosarcoma Establish Convergent Angiogenic Transcriptional Programs Driven by Novel Gene Fusions. *Molecular Cancer Research*, **2021**, 19, 847-861 | 6.6 | 1 |
| 131 | Hi-C scaffolded short- and long-read genome assemblies of the California sea lion are broadly consistent for syntenic inference across 45 million years of evolution. *Molecular Ecology Resources*, **2021**, 21, 2455-2470 | 8.4 | 1 |
| 130 | Transcriptomic profiling in canines and humans reveals cancer specific gene modules and biological mechanisms common to both species. *PLoS Computational Biology*, **2021**, 17, e1009450 | 5 | 1 |
| 129 | Application of an established canine genotyping method to a sequence-based approach. *Forensic Science International Animals and Environments*, **2021**, 1, 100029 | | |
| 128 | Comparative Exposure Assessment Using Silicone Passive Samplers Indicates That Domestic Dogs Are Sentinels To Support Human Health Research. *Environmental Science & Technology*, **2020**, 54, 7409-7419 | 10.3 | 10 |
| 127 | PTPN11 mutations in canine and human disseminated histiocytic sarcoma. *International Journal of Cancer*, **2020**, 147, 1657-1665 | 7.5 | 8 |
| 126 | Molecular prevalence of Bartonella, Babesia, and hemotropic Mycoplasma species in dogs with hemangiosarcoma from across the United States. *PLoS ONE*, **2020**, 15, e0227234 | 3.7 | 8 |
| 125 | Cytogenetics **2020**, 85-93 | | |
| 124 | Development of a Genome-Wide Oligonucleotide Microarray Platform for Detection of DNA Copy Number Aberrations in Feline Cancers. *Veterinary Sciences*, **2020**, 7, | 2.4 | 1 |
| 123 | Lack of influence by endosymbiont Wolbachia on virus titer in the common bed bug, Cimex lectularius. *Parasites and Vectors*, **2019**, 12, 436 | 4 | 5 |
| 122 | Genome-wide DNA copy number analysis and targeted transcriptional analysis of canine histiocytic malignancies identifies diagnostic signatures and highlights disruption of spindle assembly complex. *Chromosome Research*, **2019**, 27, 179-202 | 4.4 | 4 |
| 121 | Novel Noninvasive Diagnostics. *Veterinary Clinics of North America - Small Animal Practice*, **2019**, 49, 781-791 | 2.4 | 8 |
| 120 | Comparative Genomics Reveals Shared Mutational Landscape in Canine Hemangiosarcoma and Human Angiosarcoma. *Molecular Cancer Research*, **2019**, 17, 2410-2421 | 6.6 | 33 |
| 119 | A comprehensive genomic history of extinct and living elephants. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E2566-E2574 | 11.5 | 86 |
| 118 | Relationship Between Sequence Homology, Genome Architecture, and Meiotic Behavior of the Sex Chromosomes in North American Voles. *Genetics*, **2018**, 210, 83-97 | 4 | 1 |
| 117 | Is Recurrently Mutated in Whole-Exome Sequenced Canine Osteosarcoma. *Cancer Research*, **2018**, 78, 3421-3431 | 10.1 | 38 |

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| 116 | Growth kinetics of endosymbiont Wolbachia in the common bed bug, Cimex lectularius. *Scientific Reports*, **2018**, 8, 11444 | 4.9 | 10 |
| 115 | Somatic inactivating PTPRJ mutations and dysregulated pathways identified in canine malignant melanoma by integrated comparative genomic analysis. *PLoS Genetics*, **2018**, 14, e1007589 | 6 | 30 |
| 114 | Association of breed and histopathological grade in canine mast cell tumours. *Veterinary and Comparative Oncology*, **2017**, 15, 829-839 | 2.5 | 25 |
| 113 | Genomic profiling of canine mast cell tumors identifies DNA copy number aberrations associated with KIT mutations and high histological grade. *Chromosome Research*, **2017**, 25, 129-143 | 4.4 | 14 |
| 112 | Safe and Effective Sarcoma Therapy through Bispecific Targeting of EGFR and uPAR. *Molecular Cancer Therapeutics*, **2017**, 16, 956-965 | 6.1 | 30 |
| 111 | Evaluation of gene expression and DNA copy number profiles of adipose tissue-derived stromal cells and consecutive neurosphere-like cells generated from dogs with naturally occurring spinal cord injury. *American Journal of Veterinary Research*, **2017**, 78, 371-380 | 1.1 | 3 |
| 110 | Malignant canine mammary tumours: Preliminary genomic insights using oligonucleotide array comparative genomic hybridisation analysis. *Veterinary Journal*, **2017**, 222, 68-71 | 2.5 | 1 |
| 109 | Constitutive activation of alternative nuclear factor kappa B pathway in canine diffuse large B-cell lymphoma contributes to tumor cell survival and is a target of new adjuvant therapies. *Leukemia and Lymphoma*, **2017**, 58, 1702-1710 | 1.9 | 5 |
| 108 | Sequence analysis of RAS and RAF mutation hot spots in canine carcinoma. *Veterinary and Comparative Oncology*, **2017**, 15, 1598-1605 | 2.5 | 10 |
| 107 | An Overview of Molecular Cancer Pathogenesis, Prognosis, and Diagnosis **2016**, 1-26 | | 4 |
| 106 | Detection of Copy Number Imbalance in Canine Urothelial Carcinoma With Droplet Digital Polymerase Chain Reaction. *Veterinary Pathology*, **2016**, 53, 764-72 | 2.8 | 9 |
| 105 | Perspectives from man‟s best friend: National Academy of Medicine‟s Workshop on Comparative Oncology. *Science Translational Medicine*, **2016**, 8, 324ps5 | 17.5 | 85 |
| 104 | Canine Histiocytic Malignancies-Challenges and Opportunities. *Veterinary Sciences*, **2016**, 3, | 2.4 | 7 |
| 103 | Comprehensive genomic characterization of five canine lymphoid tumor cell lines. *BMC Veterinary Research*, **2016**, 12, 207 | 2.7 | 5 |
| 102 | Creation of an NCI comparative brain tumor consortium: informing the translation of new knowledge from canine to human brain tumor patients. *Neuro-Oncology*, **2016**, 18, 1209-18 | 1 | 61 |
| 101 | Comparative cytogenetic characterization of primary canine melanocytic lesions using array CGH and fluorescence in situ hybridization. *Chromosome Research*, **2015**, 23, 171-86 | 4.4 | 41 |
| 100 | A novel canine kidney cell line model for the evaluation of neoplastic development: karyotype evolution associated with spontaneous immortalization and tumorigenicity. *Chromosome Research*, **2015**, 23, 663-80 | 4.4 | 9 |
| 99 | Genome-wide association study identifies shared risk loci common to two malignancies in golden retrievers. *PLoS Genetics*, **2015**, 11, e1004922 | 6 | 49 |

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| 98 | Canine urothelial carcinoma: genomically aberrant and comparatively relevant. *Chromosome Research*, **2015**, 23, 311-31 | 4.4 | 40 |
| 97 | Exome sequencing of lymphomas from three dog breeds reveals somatic mutation patterns reflecting genetic background. *Genome Research*, **2015**, 25, 1634-45 | 9.7 | 56 |
| 96 | A cultured approach to canine urothelial carcinoma: molecular characterization of five cell lines. *Canine Genetics and Epidemiology*, **2015**, 2, 15 | 2.8 | 8 |
| 95 | Comparative Cytogenetics **2015**, 1-7 | | |
| 94 | Comparative Aspects of BRAF Mutations in Canine Cancers. *Veterinary Sciences*, **2015**, 2, 231-245 | 2.4 | 9 |
| 93 | Detection of BRAF Mutation in Urine DNA as a Molecular Diagnostic for Canine Urothelial and Prostatic Carcinoma. *PLoS ONE*, **2015**, 10, e0144170 | 3.7 | 48 |
| 92 | Genome-wide assessment of recurrent genomic imbalances in canine leukemia identifies evolutionarily conserved regions for subtype differentiation. *Chromosome Research*, **2015**, 23, 681-708 | 4.4 | 23 |
| 91 | Comparative oncology: what dogs and other species can teach us about humans with cancer. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370, | 5.8 | 169 |
| 90 | Peto's paradox and the promise of comparative oncology. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370, | 5.8 | 37 |
| 89 | BRAF Mutations in Canine Cancers. *PLoS ONE*, **2015**, 10, e0129534 | 3.7 | 61 |
| 88 | Genomic profiling reveals extensive heterogeneity in somatic DNA copy number aberrations of canine hemangiosarcoma. *Chromosome Research*, **2014**, 22, 305-19 | 4.4 | 46 |
| 87 | Identification of three molecular and functional subtypes in canine hemangiosarcoma through gene expression profiling and progenitor cell characterization. *American Journal of Pathology*, **2014**, 184, 985-995 | 5.8 | 55 |
| 86 | Definition of the cattle killer cell Ig-like receptor gene family: comparison with aurochs and human counterparts. *Journal of Immunology*, **2014**, 193, 6016-30 | 5.3 | 20 |
| 85 | Canine prostate cancer cell line (Probasco) produces osteoblastic metastases in vivo. *Prostate*, **2014**, 74, 1251-65 | 4.2 | 24 |
| 84 | Three crocodilian genomes reveal ancestral patterns of evolution among archosaurs. *Science*, **2014**, 346, 1254449 | 33.3 | 231 |
| 83 | Gene selection and cancer type classification of diffuse large-B-cell lymphoma using a bivariate mixture model for two-species data. *Human Genomics*, **2013**, 7, 2 | 6.8 | 8 |
| 82 | Genome-wide analyses implicate 33 loci in heritable dog osteosarcoma, including regulatory variants near CDKN2A/B. *Genome Biology*, **2013**, 14, R132 | 18.3 | 100 |
| 81 | Growth requirements and chromosomal instability of induced pluripotent stem cells generated from adult canine fibroblasts. *Stem Cells and Development*, **2013**, 22, 951-63 | 4.4 | 40 |

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| 80 | Gene profiling of canine B-cell lymphoma reveals germinal center and postgerminal center subtypes with different survival times, modeling human DLBCL. *Cancer Research*, **2013**, 73, 5029-39 | 10.1 | 95 |
| 79 | Partial cytogenetic response with toceranib and prednisone treatment in a young dog with chronic monocytic leukemia. *Anti-Cancer Drugs*, **2013**, 24, 1098-103 | 2.4 | 11 |
| 78 | Molecular characterization of canine BCR-ABL-positive chronic myelomonocytic leukemia before and after chemotherapy. *Veterinary Clinical Pathology*, **2013**, 42, 314-22 | 1 | 14 |
| 77 | Molecular profiling reveals prognostically significant subtypes of canine lymphoma. *Veterinary Pathology*, **2013**, 50, 693-703 | 2.8 | 79 |
| 76 | Acute myeloblastic leukemia with associated BCR-ABL translocation in a dog. *Veterinary Clinical Pathology*, **2012**, 41, 362-368 | 1 | 19 |
| 75 | The miR-17-92 cluster and its target THBS1 are differentially expressed in angiosarcomas dependent on MYC amplification. *Genes Chromosomes and Cancer*, **2012**, 51, 569-78 | 5 | 83 |
| 74 | CD40 ligand is necessary and sufficient to support primary diffuse large B-cell lymphoma cells in culture: a tool for in vitro preclinical studies with primary B-cell malignancies. *Leukemia and Lymphoma*, **2012**, 53, 1390-8 | 1.9 | 14 |
| 73 | The MTAP-CDKN2A locus confers susceptibility to a naturally occurring canine cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 1019-27 | 4 | 66 |
| 72 | Perturbation of 14q32 miRNAs-cMYC gene network in osteosarcoma. *Bone*, **2012**, 50, 171-81 | 4.7 | 113 |
| 71 | A genome-wide approach to comparative oncology: high-resolution oligonucleotide aCGH of canine and human osteosarcoma pinpoints shared microaberrations. *Cancer Genetics*, **2012**, 205, 572-87 | 2.3 | 59 |
| 70 | Alterations of the p53 and PIK3CA/AKT/mTOR pathways in angiosarcomas: a pattern distinct from other sarcomas with complex genomics. *Cancer*, **2012**, 118, 5878-87 | 6.4 | 82 |
| 69 | Array-based comparative genomic hybridization-guided identification of reference genes for normalization of real-time quantitative polymerase chain reaction assay data for lymphomas, histiocytic sarcomas, and osteosarcomas of dogs. *American Journal of Veterinary Research*, **2012**, 73, 1335-43 | 1.1 | 11 |
| 68 | Molecular subtypes of osteosarcoma identified by reducing tumor heterogeneity through an interspecies comparative approach. *Bone*, **2011**, 49, 356-67 | 4.7 | 95 |
| 67 | BCR-ABL translocation in a dog with chronic monocytic leukemia. *Veterinary Clinical Pathology*, **2011**, 40, 40-7 | 1 | 20 |
| 66 | Anchoring the dog to its relatives reveals new evolutionary breakpoints across 11 species of the Canidae and provides new clues for the role of B chromosomes. *Chromosome Research*, **2011**, 19, 685-708 | 4.4 | 44 |
| 65 | Molecular cytogenetic characterization of canine histiocytic sarcoma: A spontaneous model for human histiocytic cancer identifies deletion of tumor suppressor genes and highlights influence of genetic background on tumor behavior. *BMC Cancer*, **2011**, 11, 201 | 4.8 | 73 |
| 64 | FLT3 mutations in canine acute lymphocytic leukemia. *BMC Cancer*, **2011**, 11, 38 | 4.8 | 20 |
| 63 | Development of a brain metastatic canine prostate cancer cell line. *Prostate*, **2011**, 71, 1251-63 | 4.2 | 28 |

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| 62 | Characterization of canine osteosarcoma by array comparative genomic hybridization and RT-qPCR: signatures of genomic imbalance in canine osteosarcoma parallel the human counterpart. *Genes Chromosomes and Cancer*, **2011**, 50, 859-74 | 5 | 60 |
| 61 | Refining tumor-associated aneuploidy through "genomic recoding" of recurrent DNA copy number aberrations in 150 canine non-Hodgkin lymphomas. *Leukemia and Lymphoma*, **2011**, 52, 1321-35 | 1.9 | 75 |
| 60 | The genome of the green anole lizard and a comparative analysis with birds and mammals. *Nature*, **2011**, 477, 587-91 | 50.4 | 478 |
| 59 | IDH1 and IDH2 hotspot mutations are not found in canine glioma. *International Journal of Cancer*, **2010**, 127, 245-6 | 7.5 | 26 |
| 58 | Mature hair follicles generated from dissociated cells: a universal mechanism of folliculoneogenesis. *Developmental Dynamics*, **2010**, 239, 2619-26 | 2.9 | 32 |
| 57 | "Putting our heads together": insights into genomic conservation between human and canine intracranial tumors. *Journal of Neuro-Oncology*, **2009**, 94, 333-49 | 4.8 | 63 |
| 56 | Influence of genetic background on tumor karyotypes: evidence for breed-associated cytogenetic aberrations in canine appendicular osteosarcoma. *Chromosome Research*, **2009**, 17, 365-377 | 4.4 | 66 |
| 55 | Extensive conservation of genomic imbalances in canine transmissible venereal tumors (CTVT) detected by microarray-based CGH analysis. *Chromosome Research*, **2009**, 17, 927-34 | 4.4 | 19 |
| 54 | Microarray-based cytogenetic profiling reveals recurrent and subtype-associated genomic copy number aberrations in feline sarcomas. *Chromosome Research*, **2009**, 17, 987-1000 | 4.4 | 13 |
| 53 | Origins and evolution of a transmissible cancer. *Evolution; International Journal of Organic Evolution* , **2009**, 63, 2340-9 | 3.8 | 92 |
| 52 | Generation and characterization of novel canine malignant mast cell line CL1. *Veterinary Immunology and Immunopathology*, **2009**, 127, 114-24 | 2 | 9 |
| 51 | Update on genomics in veterinary oncology. *Topics in Companion Animal Medicine*, **2009**, 24, 113-21 | 1.1 | 23 |
| 50 | Canine cytogenetics--from band to basepair. *Cytogenetic and Genome Research*, **2008**, 120, 50-60 | 1.9 | 35 |
| 49 | Enhancement of extra chromosomal recombination in somatic cells by affecting the ratio of homologous recombination (HR) to non-homologous end joining (NHEJ). *Animal Biotechnology*, **2008**, 19, 6-21 | 1.4 | 2 |
| 48 | Evolutionarily conserved cytogenetic changes in hematological malignancies of dogs and humans--man and his best friend share more than companionship. *Chromosome Research*, **2008**, 16, 145-54 | 4.4 | 165 |
| 47 | Tackling the characterization of canine chromosomal breakpoints with an integrated in-situ/in-silico approach: the canine PAR and PAB. *Chromosome Research*, **2008**, 16, 1193-202 | 4.4 | 18 |
| 46 | A novel canine lymphoma cell line: a translational and comparative model for lymphoma research. *Leukemia Research*, **2007**, 31, 1709-20 | 2.7 | 44 |
| 45 | Predictive value of p16 or Rb inactivation in a model of naturally occurring canine non-Hodgkin's lymphoma. *Leukemia*, **2007**, 21, 184-7 | 10.7 | 30 |

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|---|---|---|---|
| 44 | Genome of the marsupial Monodelphis domestica reveals innovation in non-coding sequences. *Nature*, **2007**, 447, 167-77 | 50.4 | 577 |
| 43 | The search for a marsupial XIC reveals a break with vertebrate synteny. *Chromosome Research*, **2007**, 15, 137-46 | 4.4 | 51 |
| 42 | Integrated cytogenetic BAC map of the genome of the gray, short-tailed opossum, Monodelphis domestica. *Chromosome Research*, **2007**, 15, 361-70 | 4.4 | 22 |
| 41 | A cytogenetically characterized, genome-anchored 10-Mb BAC set and CGH array for the domestic dog. *Journal of Heredity*, **2007**, 98, 474-84 | 2.4 | 27 |
| 40 | Inactivation of the p16 cyclin-dependent kinase inhibitor in high-grade canine non-Hodgkin's T-cell lymphoma. *Veterinary Pathology*, **2007**, 44, 467-78 | 2.8 | 35 |
| 39 | The dog as a cancer model. *Nature Biotechnology*, **2006**, 24, 1065-6 | 44.5 | 238 |
| 38 | Distinct B-cell and T-cell lymphoproliferative disease prevalence among dog breeds indicates heritable risk. *Cancer Research*, **2005**, 65, 5654-61 | 10.1 | 130 |
| 37 | Genome sequence, comparative analysis and haplotype structure of the domestic dog. *Nature*, **2005**, 438, 803-19 | 50.4 | 1809 |
| 36 | Construction of a 2-Mb resolution BAC microarray for CGH analysis of canine tumors. *Genome Research*, **2005**, 15, 1831-7 | 9.7 | 44 |
| 35 | Mutations of phosphatase and tensin homolog deleted from chromosome 10 in canine hemangiosarcoma. *Veterinary Pathology*, **2005**, 42, 618-32 | 2.8 | 53 |
| 34 | Canine malignant hemangiosarcoma as a model of primitive angiogenic endothelium. *Laboratory Investigation*, **2004**, 84, 562-72 | 5.9 | 80 |
| 33 | An integrated 4249 marker FISH/RH map of the canine genome. *BMC Genomics*, **2004**, 5, 65 | 4.5 | 90 |
| 32 | A high-resolution comparative map of canine Chromosome 5q14.3-q33 constructed utilizing the 1.5x canine genome sequence. *Mammalian Genome*, **2004**, 15, 544-51 | 3.2 | 2 |
| 31 | Interleukin-12 inhibits tumor growth in a novel angiogenesis canine hemangiosarcoma xenograft model. *Neoplasia*, **2004**, 6, 106-16 | 6.4 | 56 |
| 30 | Cerebellar cortical degeneration in adult American Staffordshire Terriers. *Journal of Veterinary Internal Medicine*, **2004**, 18, 201-8 | 3.1 | 15 |
| 29 | A mutation in the canine BHD gene is associated with hereditary multifocal renal cystadenocarcinoma and nodular dermatofibrosis in the German Shepherd dog. *Human Molecular Genetics*, **2003**, 12, 3043-53 | 5.6 | 140 |
| 28 | Construction and integration of radiation-hybrid and cytogenetic maps of dog Chromosome X. *Mammalian Genome*, **2003**, 14, 214-21 | 3.2 | 6 |
| 27 | The cnm locus, a canine homologue of human autosomal forms of centronuclear myopathy, maps to chromosome 2. *Human Genetics*, **2003**, 113, 297-306 | 6.3 | 28 |

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| 26 | Canine TCOF1; cloning, chromosome assignment and genetic analysis in dogs with different head types. *Mammalian Genome*, **2001**, 12, 622-9 | 3.2 | 43 |
| 25 | An integrated cytogenetic, radiation-hybrid, and comparative map of dog chromosome 5. *Mammalian Genome*, **2001**, 12, 371-5 | 3.2 | 10 |
| 24 | Molecular cytogenetic analysis of a novel high-grade canine T-lymphoblastic lymphoma demonstrating co-expression of CD3 and CD79a cell markers. *Chromosome Research*, **2001**, 9, 649-57 | 4.4 | 22 |
| 23 | Mapping of 13 horse genes by fluorescence in-situ hybridization (FISH) and somatic cell hybrid analysis. *Chromosome Research*, **2001**, 9, 53-9 | 4.4 | 13 |
| 22 | Canine homolog of the T-box transcription factor T; failure of the protein to bind to its DNA target leads to a short-tail phenotype. *Mammalian Genome*, **2001**, 12, 212-8 | 3.2 | 27 |
| 21 | Cloning of the canine gene encoding transcription factor Pit-1 and its exclusion as candidate gene in a canine model of pituitary dwarfism. *Mammalian Genome*, **2000**, 11, 31-6 | 3.2 | 16 |
| 20 | Molecular analysis and chromosomal assignment of the canine CALC-I/alpha-CGRP gene. *Mammalian Genome*, **2000**, 11, 736-40 | 3.2 | 3 |
| 19 | Genomic organization of the dog dystroglycan gene DAG1 locus on chromosome 20q15.1-q15.2. *Genome Research*, **2000**, 10, 295-301 | 9.7 | 6 |
| 18 | First comprehensive low-density horse linkage map based on two 3-generation, full-sibling, cross-bred horse reference families. *Genomics*, **2000**, 66, 123-34 | 4.3 | 106 |
| 17 | Localization and characterization of nucleotide sequences from the canine Y chromosome. *Chromosome Research*, **1999**, 7, 223-33 | 4.4 | 38 |
| 16 | The DAPI banded karyotype of the domestic dog (Canis familiaris) generated using chromosome-specific paint probes. *Chromosome Research*, **1999**, 7, 401-6 | 4.4 | 72 |
| 15 | Molecular characterization and chromosomal assignment of the canine protein C gene. *Mammalian Genome*, **1999**, 10, 134-9 | 3.2 | 7 |
| 14 | Chromosomal localization of acidic and basic keratin genes of the domestic dog. *Mammalian Genome*, **1999**, 10, 371-5 | 3.2 | 26 |
| 13 | Molecular analysis of a spontaneous dystrophin knockout dog. *Neuromuscular Disorders*, **1999**, 9, 289-95 | 2.9 | 81 |
| 12 | Reciprocal chromosome painting reveals detailed regions of conserved synteny between the karyotypes of the domestic dog (Canis familiaris) and human. *Genomics*, **1999**, 61, 145-55 | 4.3 | 136 |
| 11 | The Dog Gene Map. *ILAR Journal*, **1998**, 39, 177-181 | 1.7 | 3 |
| 10 | A primary male autosomal linkage map of the horse genome. *Genome Research*, **1998**, 8, 951-66 | 9.7 | 48 |
| 9 | Bovine papillomavirus type 5: partial sequence and comparison with other bovine papillomaviruses. *Virus Genes*, **1997**, 14, 171-4 | 2.3 | 5 |

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| 8 | Genetical and physical assignments of equine microsatellites--first integration of anchored markers in horse genome mapping. *Mammalian Genome*, **1997**, 8, 267-73 | 3.2 | 87 |
| 7 | Parentage verification of a mountain zebra (Equus zebra hartmannae) using polymorphic microsatellite markers. *Zoo Biology*, **1995**, 14, 475-479 | 1.6 | 1 |
| 6 | Aniridia-associated cytogenetic rearrangements suggest that a position effect may cause the mutant phenotype. *Human Molecular Genetics*, **1995**, 4, 415-22 | 5.6 | 172 |
| 5 | Genomic sequences of bovine papillomaviruses in formalin-fixed sarcoids from Australian horses revealed by polymerase chain reaction. *Veterinary Microbiology*, **1994**, 41, 163-72 | 3.3 | 42 |
| 4 | YAC mapping by FISH using Alu-PCR-generated probes. *Genomics*, **1992**, 13, 726-30 | 4.3 | 50 |
| 3 | The chromosomes of two horse □zebra hybrids; E. caballus □E. grevyi and E. burchelli. *Hereditas*, **1991**, 115, 169-175 | 2.4 | 4 |
| 2 | Genomic analysis reveals shared genes and pathways in human and canine angiosarcoma | | 2 |
| 1 | Transcriptome annotation reveals minimal immunogenetic diversity among Wyoming toads, Anaxyrus baxteri. *Conservation Genetics*,1 | 2.6 | |