

Leslie A Lyons

List of Publications by Year in descending order

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Version: 2024-02-01

168
papers

7,162
citations

71102

41
h-index

69250

77
g-index

181
all docs

181
docs citations

181
times ranked

5590
citing authors

#	ARTICLE	IF	CITATIONS
1	Anchored reference loci for comparative genome mapping in mammals. <i>Nature Genetics</i> , 1993, 3, 103-112.	21.4	499
2	A cat cloned by nuclear transplantation. <i>Nature</i> , 2002, 415, 859-859.	27.8	465
3	A Genetic Linkage Map of Microsatellites in the Domestic Cat (<i>Felis catus</i>). <i>Genomics</i> , 1999, 57, 9-23.	2.9	377
4	Comparative anchor tagged sequences (CATS) for integrative mapping of mammalian genomes. <i>Nature Genetics</i> , 1997, 15, 47-56.	21.4	338
5	Comparative analysis of the domestic cat genome reveals genetic signatures underlying feline biology and domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17230-17235.	7.1	281
6	Birth of African Wildcat Cloned Kittens Born from Domestic Cats. <i>Cloning and Stem Cells</i> , 2004, 6, 247-258.	2.6	206
7	Feline Lymphoma in the Post-Feline Leukemia Virus Era. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 329.	1.6	185
8	Feline Lymphoma in the Post-Feline Leukemia Virus Era. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 329-335.	1.6	155
9	The ascent of cat breeds: Genetic evaluations of breeds and worldwide random-bred populations. <i>Genomics</i> , 2008, 91, 12-21.	2.9	148
10	Ketosis Ameliorates Renal Cyst Growth in Polycystic Kidney Disease. <i>Cell Metabolism</i> , 2019, 30, 1007-1023.e5.	16.2	137
11	Comparative genomics: lessons from cats. <i>Trends in Genetics</i> , 1997, 13, 393-399.	6.7	128
12	Spinocerebellar ataxia: Variable age of onset and linkage to human leukocyte antigen in a large kindred. <i>Annals of Neurology</i> , 1988, 23, 580-584.	5.3	126
13	Feline Polycystic Kidney Disease Mutation Identified in PKD1. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 2548-2555.	6.1	120
14	Serotonin transporter expression is predicted by early life stress and is associated with disinhibited behavior in infant rhesus macaques. <i>Genes, Brain and Behavior</i> , 2010, 9, 45-52.	2.2	120
15	Pathogenesis of feline enteric coronavirus infection. <i>Journal of Feline Medicine and Surgery</i> , 2008, 10, 529-541.	1.6	114
16	Tyrosinase mutations associated with Siamese and Burmese patterns in the domestic cat (<i>Felis catus</i>). <i>Animal Genetics</i> , 2005, 36, 119-126.	1.7	104
17	Albinism in the domestic cat (<i>Felis catus</i>) is associated with a tyrosinase (TYR) mutation. <i>Animal Genetics</i> , 2006, 37, 175-178.	1.7	96
18	Nuclear Transfer of Sand Cat Cells into Enucleated Domestic Cat Oocytes is Affected by Cryopreservation of Donor Cells. <i>Cloning and Stem Cells</i> , 2008, 10, 469-484.	2.6	87

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19	Characterization of Feline Immunoglobulin Heavy Chain Variable Region Genes for the Molecular Diagnosis of B-cell Neoplasia. <i>Veterinary Pathology</i> , 2005, 42, 596-607.	1.7	81
20	A new domestic cat genome assembly based on long sequence reads empowers feline genomic medicine and identifies a novel gene for dwarfism. <i>PLoS Genetics</i> , 2020, 16, e1008926.	3.5	79
21	The naked truth: Sphynx and Devon Rex cat breed mutations in KRT71. <i>Mammalian Genome</i> , 2010, 21, 509-515.	2.2	74
22	Are molecular cytogenetics and bioinformatics suggesting diverging models of ancestral mammalian genomes?. <i>Genome Research</i> , 2006, 16, 306-310.	5.5	73
23	Variation of cats under domestication: genetic assignment of domestic cats to breeds and worldwide random-bred populations. <i>Animal Genetics</i> , 2013, 44, 311-324.	1.7	67
24	Applying genomic data in wildlife monitoring: Development guidelines for genotyping degraded samples with reduced single nucleotide polymorphism panels. <i>Molecular Ecology Resources</i> , 2020, 20, 662-680.	4.8	64
25	International equine gene mapping workshop report: a comprehensive linkage map constructed with data from new markers and by merging four mapping resources. <i>Cytogenetic and Genome Research</i> , 2005, 111, 5-15.	1.1	63
26	Cytidine monophospho-N-acetylneuraminic acid hydroxylase (CMAH) mutations associated with the domestic cat AB blood group. <i>BMC Genetics</i> , 2007, 8, 27.	2.7	63
27	Chocolate coated cats: TYRP1 mutations for brown color in domestic cats. <i>Mammalian Genome</i> , 2005, 16, 356-366.	2.2	61
28	What is an "Adverse" Environment? Interactions of Rearing Experiences and MAOA Genotype in Rhesus Monkeys. <i>Biological Psychiatry</i> , 2009, 65, 770-777.	1.3	61
29	Genetic Individualization of Domestic Cats Using Feline STR Loci for Forensic Applications. <i>Journal of Forensic Sciences</i> , 1997, 42, 1039-1051.	1.6	60
30	A Comparative Gene Map of the Horse (<i>Equus caballus</i>). <i>Genome Research</i> , 1999, 9, 1239-1249.	5.5	58
31	Development of a Feline Whole Genome Radiation Hybrid Panel and Comparative Mapping of Human Chromosome 12 and 22 Loci. <i>Genomics</i> , 1999, 57, 1-8.	2.9	58
32	Genetic structure of wildcat (<i>Felis silvestris</i>) populations in Italy. <i>Ecology and Evolution</i> , 2013, 3, 2443-2458.	1.9	58
33	Extent of Linkage Disequilibrium in the Domestic Cat, <i>Felis silvestris catus</i> , and Its Breeds. <i>PLoS ONE</i> , 2013, 8, e53537.	2.5	54
34	<i>Myosin-binding Protein C</i> DNA Variants in Domestic Cats (<i>A</i> 31 <i>P</i> , <i>A</i> 74 <i>T</i> , <i>R</i> 820 <i>W</i>) and their Association with Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2013, 27, 275-285.	1.6	51
35	Toward a genome-wide approach for detecting hybrids: informative SNPs to detect introgression between domestic cats and European wildcats (<i>Felis silvestris</i>). <i>Heredity</i> , 2015, 115, 195-205.	2.6	51
36	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

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37	Evidence of selection signatures that shape the Persian cat breed. <i>Mammalian Genome</i> , 2016, 27, 144-155.	2.2	50
38	An international parentage and identification panel for the domestic cat (<i>Felis catus</i>). <i>Animal Genetics</i> , 2007, 38, 371-377.	1.7	49
39	Effects of early experience and genotype on serotonin transporter regulation in infant rhesus macaques. <i>Genes, Brain and Behavior</i> , 2008, 7, 481-486.	2.2	49
40	European wildcat populations are subdivided into five main biogeographic groups: consequences of Pleistocene climate changes or recent anthropogenic fragmentation?. <i>Ecology and Evolution</i> , 2016, 6, 3-22.	1.9	49
41	Comparative Gene Mapping in the Domestic Cat (<i>Felis catus</i>). <i>Journal of Heredity</i> , 1997, 88, 408-414.	2.4	47
42	First WNK4-Hypokalemia Animal Model Identified by Genome-Wide Association in Burmese Cats. <i>PLoS ONE</i> , 2012, 7, e53173.	2.5	46
43	The second generation of the International Equine Gene Mapping Workshop half-sibling linkage map. <i>Animal Genetics</i> , 2003, 34, 161-168.	1.7	44
44	Early-Onset, Autosomal Recessive, Progressive Retinal Atrophy in Persian Cats. , 2005, 46, 1742.		42
45	A High-Resolution SNP Array-Based Linkage Map Anchors a New Domestic Cat Draft Genome Assembly and Provides Detailed Patterns of Recombination. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1607-1616.	1.8	41
46	An improved molecular assay for <i>Tritrichomonas foetus</i> . <i>Veterinary Parasitology</i> , 2005, 127, 33-41.	1.8	40
47	Multiple mutant T alleles cause haploinsufficiency of Brachyury and short tails in Manx cats. <i>Mammalian Genome</i> , 2013, 24, 400-408.	2.2	40
48	<i>White spotting</i> in the domestic cat (<i>Felis catus</i>) maps near <i>KIT</i> on feline chromosome B1. <i>Animal Genetics</i> , 2006, 37, 163-165.	1.7	39
49	Serotonin pathway gene-gene and gene-environment interactions influence behavioral stress response in infant rhesus macaques. <i>Development and Psychopathology</i> , 2010, 22, 35-44.	2.3	38
50	Whole genome sequencing in cats, identifies new models for blindness in <i>AIPL1</i> and somite segmentation in <i>HES7</i> . <i>BMC Genomics</i> , 2016, 17, 265.	2.8	38
51	Applications and efficiencies of the first cat 63K DNA array. <i>Scientific Reports</i> , 2018, 8, 7024.	3.3	38
52	Muscular dystrophy associated with β -dystroglycan deficiency in Sphynx and Devon Rex cats. <i>Neuromuscular Disorders</i> , 2008, 18, 942-952.	0.6	36
53	A splice variant in <i>KRT71</i> is associated with curly coat phenotype of Selkirk Rex cats. <i>Scientific Reports</i> , 2013, 3, 2000.	3.3	36
54	Aristaless-Like Homeobox protein 1 (<i>ALX1</i>) variant associated with craniofacial structure and frontonasal dysplasia in Burmese cats. <i>Developmental Biology</i> , 2016, 409, 451-458.	2.0	34

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55	Genomic approaches to identify hybrids and estimate admixture times in European wildcat populations. <i>Scientific Reports</i> , 2019, 9, 11612.	3.3	34
56	Feline polycystic kidney disease is linked to the PKD1 region. <i>Mammalian Genome</i> , 2005, 16, 59-65.	2.2	32
57	Genetic susceptibility to feline infectious peritonitis in Birman cats. <i>Virus Research</i> , 2013, 175, 58-63.	2.2	32
58	To the Root of the Curl: A Signature of a Recent Selective Sweep Identifies a Mutation That Defines the Cornish Rex Cat Breed. <i>PLoS ONE</i> , 2013, 8, e67105.	2.5	32
59	<i><sc>COLQ</sc></i> variant associated with <sc>D</sc>evon <sc>R</sc>ex and <sc>S</sc>phynx feline hereditary myopathy. <i>Animal Genetics</i> , 2015, 46, 711-715.	1.7	32
60	Migration and Gene Flow Among Domestic Populations of the Chagas Insect Vector <i>Triatoma dimidiata</i> (Hemiptera: Reduviidae) Detected by Microsatellite Loci. <i>Journal of Medical Entomology</i> , 2015, 52, 419-428.	1.8	32
61	A dominant TRPV4 variant underlies osteochondrodysplasia in Scottish fold cats. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1441-1450.	1.3	32
62	Feline non-repetitive mitochondrial DNA control region database for forensic evidence. <i>Forensic Science International: Genetics</i> , 2011, 5, 33-42.	3.1	31
63	The influence of age and genetics on natural resistance to experimentally induced feline infectious peritonitis. <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 33-40.	1.2	31
64	DNA mutations of the cat. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 203-219.	1.6	31
65	Cats of the pharaohs: genetic comparison of Egyptian cat mummies to their feline contemporaries. <i>Journal of Archaeological Science</i> , 2012, 39, 3217-3223.	2.4	30
66	Precision Medicine in Cats: Novel Niemannâ€Pick Type C1 Diagnosed by Wholeâ€Genome Sequencing. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 539-544.	1.6	30
67	Mutations in the Kinesin-2 Motor KIF3B Cause an Autosomal-Dominant Ciliopathy. <i>American Journal of Human Genetics</i> , 2020, 106, 893-904.	6.2	29
68	Ultracontinuous Single Haplotype Genome Assemblies for the Domestic Cat (<i>Felis catus</i>) and Asian Leopard Cat (<i>Prionailurus bengalensis</i>). <i>Journal of Heredity</i> , 2021, 112, 165-173.	2.4	28
69	Keeping the blood flowingâ€ plasminogen activator genes and feeding behavior in vampire bats. <i>Die Naturwissenschaften</i> , 2009, 96, 39-47.	1.6	27
70	Localizing the Xâ€linked orange colour phenotype using feline resource families. <i>Animal Genetics</i> , 2005, 36, 67-70.	1.7	26
71	Mitochondrial DNA Sequencing of Cat Hair: An Informative Forensic Tool*. <i>Journal of Forensic Sciences</i> , 2011, 56, S36-46.	1.6	26
72	Genetic testing in domestic cats. <i>Molecular and Cellular Probes</i> , 2012, 26, 224-230.	2.1	25

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73	Feline Genetics: Clinical Applications and Genetic Testing. Topics in Companion Animal Medicine, 2010, 25, 203-212.	0.9	24
74	Laparoscopic Oviductal Artificial Insemination Improves Pregnancy Success in Exogenous Gonadotropin-Treated Domestic Cats as a Model for Endangered Felids ¹ . Biology of Reproduction, 2013, 89, 4.	2.7	24
75	Genome-wide association and linkage analyses localize a progressive retinal atrophy locus in Persian cats. Mammalian Genome, 2014, 25, 354-362.	2.2	24
76	Resources for genetic management and genomics research on non-human primates at the National Primate Research Centers (NPRCs). Journal of Medical Primatology, 2009, 38, 17-23.	0.6	23
77	A Novel Variant in CMAH Is Associated with Blood Type AB in Ragdoll Cats. PLoS ONE, 2016, 11, e0154973.	2.5	23
78	Generation of Domestic Transgenic Cloned Kittens Using Lentivirus Vectors. Cloning and Stem Cells, 2009, 11, 167-176.	2.6	22
79	Selkirk Rex: Morphological and Genetic Characterization of a New Cat Breed. Journal of Heredity, 2012, 103, 727-733.	2.4	22
80	Developmental validation of Mini-DogFiler for degraded canine DNA. Forensic Science International: Genetics, 2013, 7, 151-158.	3.1	22
81	Early-Onset Progressive Retinal Atrophy Associated with an IQCB1 Variant in African Black-Footed Cats (<i>Felis nigripes</i>). Scientific Reports, 2017, 7, 43918.	3.3	22
82	De novo Mutations in Domestic Cat are Consistent with an Effect of Reproductive Longevity on Both the Rate and Spectrum of Mutations. Molecular Biology and Evolution, 2022, 39, .	8.9	22
83	Chromosomal instability in rhesus macaque preimplantation embryos. Fertility and Sterility, 2009, 91, 1230-1237.	1.0	21
84	Comparative mapping of the chicken genome using the East Lansing reference population. Poultry Science, 1997, 76, 743-747.	3.4	20
85	A high-resolution radiation hybrid map of rhesus macaque chromosome 5 identifies rearrangements in the genome assembly. Genomics, 2008, 92, 210-218.	2.9	20
86	A Case of <i>SRY</i> -Positive 38,XY True Hermaphroditism (XY Sex Reversal) in a Cat. Veterinary Pathology, 2011, 48, 817-822.	1.7	20
87	Comparative Fertility of Freshly Collected vs Frozen-Thawed Semen with Laparoscopic Oviductal Artificial Insemination in Domestic Cats. Reproduction in Domestic Animals, 2012, 47, 284-288.	1.4	20
88	Acceptance of domestic cat mitochondrial DNA in a criminal proceeding. Forensic Science International: Genetics, 2014, 13, 61-67.	3.1	20
89	Werewolf, There Wolf: Variants in Hairless Associated with Hypotrichia and Roaning in the Lykoi Cat Breed. Genes, 2020, 11, 682.	2.4	20
90	Genetic individualization of domestic cats using feline STR loci for forensic applications. Journal of Forensic Sciences, 1997, 42, 1039-51.	1.6	20

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91	The Tabby cat locus maps to feline chromosome B1. <i>Animal Genetics</i> , 2006, 37, 383-386.	1.7	19
92	Isolation, culture and characterisation of somatic cells derived from semen and milk of endangered sheep and eland antelope. <i>Reproduction, Fertility and Development</i> , 2007, 19, 576.	0.4	19
93	Affectionate Interactions of Cats with Children Having Autism Spectrum Disorder. <i>Frontiers in Veterinary Science</i> , 2018, 5, 39.	2.2	19
94	A novel <i>CYP27B1</i> mutation causes a feline vitamin D-dependent rickets type IA. <i>Journal of Feline Medicine and Surgery</i> , 2012, 14, 587-590.	1.6	18
95	Clinical, metabolic, and genetic characterization of hereditary methemoglobinemia caused by cytochrome b ₅ reductase deficiency in cats. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 2725-2731.	1.6	18
96	Natural resistance to experimental feline infectious peritonitis virus infection is decreased rather than increased by positive genetic selection. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 17-20.	1.2	17
97	A FAS-ligand variant associated with autoimmune lymphoproliferative syndrome in cats. <i>Mammalian Genome</i> , 2017, 28, 47-55.	2.2	17
98	A Novel Mutation in <i>CLCN1</i> Associated with Feline Myotonia Congenita. <i>PLoS ONE</i> , 2014, 9, e109926.	2.5	17
99	Effects of environmental tobacco smoke in vivo on rhesus monkey semen quality, sperm function, and sperm metabolism. <i>Reproductive Toxicology</i> , 2009, 27, 140-148.	2.9	16
100	Who's behind that mask and cape? The Asian leopard cat's <i>Agouti</i> (<i>ASIP</i>) allele likely affects coat colour phenotype in the Bengal cat breed. <i>Animal Genetics</i> , 2014, 45, 893-897.	1.7	16
101	A One Health overview, facilitating advances in comparative medicine and translational research. <i>Clinical and Translational Medicine</i> , 2016, 5, 26.	4.0	16
102	First genome-wide CNV mapping in <i>FELIS CATUS</i> using next generation sequencing data. <i>BMC Genomics</i> , 2018, 19, 895.	2.8	16
103	Development of comparative anchor tagged sequences (CATS) for canine genome mapping. , 1999, 90, 15-26.		15
104	Characterization of an Early-Onset, Autosomal Recessive, Progressive Retinal Degeneration in Bengal Cats. , 2015, 56, 5299.		15
105	Japanese Bobtail: vertebral morphology and genetic characterization of an established cat breed. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 719-726.	1.6	15
106	Genetic testing for feline polycystic kidney disease. <i>Animal Genetics</i> , 2004, 35, 503-504.	1.7	14
107	Erythrocyte Pyruvate Kinase Deficiency mutation identified in multiple breeds of domestic cats. <i>BMC Veterinary Research</i> , 2012, 8, 207.	1.9	13
108	A domestic cat whole exome sequencing resource for trait discovery. <i>Scientific Reports</i> , 2021, 11, 7159.	3.3	13

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109	Equine synteny mapping of comparative anchor tagged sequences (CATS) from human Chromosome 5. <i>Mammalian Genome</i> , 1999, 10, 1082-1084.	2.2	12
110	Polycystic kidney disease in four British shorthair cats with successful treatment of bacterial cyst infection. <i>Journal of Small Animal Practice</i> , 2015, 56, 585-589.	1.2	12
111	Characterization of an Inherited Neurologic Syndrome in Toyger Cats with Forebrain Commissural Malformations, Ventriculomegaly and Interhemispheric Cysts. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 617-626.	1.6	12
112	Mapping the genetic basis of diabetes mellitus in the Australian Burmese cat (<i>Felis catus</i>). <i>Scientific Reports</i> , 2020, 10, 19194.	3.3	12
113	Assisted reproduction mediated resurrection of a feline model for Chediak-Higashi syndrome caused by a large duplication in <i>LYST</i> . <i>Scientific Reports</i> , 2020, 10, 64.	3.3	12
114	Periodic hypokalaemic polymyopathy in Burmese and closely related cats. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 417-426.	1.6	11
115	<scp>SNP</scp> Miniplexes for Individual Identification of Randomly Bred Domestic Cats. <i>Journal of Forensic Sciences</i> , 2016, 61, 594-606.	1.6	11
116	Exploratory Study of Cat Adoption in Families of Children with Autism: Impact on Children's Social Skills and Anxiety. <i>Journal of Pediatric Nursing</i> , 2021, 58, 28-35.	1.5	11
117	A human genome map of comparative anchor tagged sequences. , 1999, 90, 477-484.		10
118	Physical assignments of human chromosome 13 genes on pig chromosome 11 demonstrate extensive synteny and gene order conservation between pig and human. <i>Animal Genetics</i> , 1999, 30, 304-308.	1.7	10
119	Enhancing genotyping of <i>MAOA</i> -LPR and <i>5-HTT</i> -LPR in rhesus macaques (<i>Macaca</i>) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	10
120	Compatibility of Cats With Children in the Family. <i>Frontiers in Veterinary Science</i> , 2018, 5, 278.	2.2	10
121	Mocha <i>tyrosinase</i> variant: a new flavour of cat coat coloration. <i>Animal Genetics</i> , 2019, 50, 182-186.	1.7	10
122	Myopathy with tubulin-reactive inclusions in two cats. <i>Acta Neuropathologica</i> , 2007, 114, 537-542.	7.7	9
123	Cloned Embryos from Semen. Part 1: <i>In Vitro</i> Proliferation of Epithelial Cells on Embryonic Fibroblasts after Isolation from Semen by Gradient Centrifugation. <i>Cloning and Stem Cells</i> , 2008, 10, 143-160.	2.6	9
124	A High-Resolution 15,000_{sub}Rad_{sub} Radiation Hybrid Panel for the Domestic Cat. <i>Cytogenetic and Genome Research</i> , 2012, 137, 7-14.	1.1	9
125	Feline mitochondrial DNA sampling for forensic analysis: When enough is enough!. <i>Forensic Science International: Genetics</i> , 2015, 16, 52-57.	3.1	9
126	Neuronal Ceroid Lipofuscinosis in a Domestic Cat Associated with a DNA Sequence Variant That Creates a Premature Stop Codon in <i>CLN6</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2741-2751.	1.8	9

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127	Mining the 99 Lives Cat Genome Sequencing Consortium database implicates genes and variants for the <i>Ticked</i> locus in domestic cats (<i>Felis catus</i>). <i>Animal Genetics</i> , 2021, 52, 321-332.	1.7	9
128	Mucopolysaccharidosis VI in cats – clarification regarding genetic testing. <i>BMC Veterinary Research</i> , 2016, 12, 136.	1.9	8
129	Establishing a database of Canadian feline mitotypes for forensic use. <i>Forensic Science International: Genetics</i> , 2016, 22, 169-174.	3.1	8
130	Refinement of the canine CD1 locus topology and investigation of antibody binding to recombinant canine CD1 isoforms. <i>Immunogenetics</i> , 2016, 68, 191-204.	2.4	8
131	Not another type of potato: <i>MC1R</i> and the russet coloration of Burmese cats. <i>Animal Genetics</i> , 2017, 48, 116-120.	1.7	8
132	Kidney and cystic volume imaging for disease presentation and progression in the cat autosomal dominant polycystic kidney disease large animal model. <i>BMC Nephrology</i> , 2019, 20, 259.	1.8	8
133	Development of a non-human primate sperm aneuploidy assay tested in the rhesus macaque (<i>Macaca</i>) Tj ETQq1 1 0.784314.rgBT /Over 2.8	2.8	8
134	Identification and quantification of domestic feline cytochrome P450 transcriptome across multiple tissues. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 7-15.	1.3	7
135	A Deletion in GDF7 is Associated with a Heritable Forebrain Commissural Malformation Concurrent with Ventriculomegaly and Interhemispheric Cysts in Cats. <i>Genes</i> , 2020, 11, 672.	2.4	7
136	Patterns of allele frequency differences among domestic cat breeds assessed by a 63K SNP array. <i>PLoS ONE</i> , 2021, 16, e0247092.	2.5	7
137	Precision/Genomic Medicine for Domestic Cats. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2020, 50, 983-990.	1.5	6
138	Enhancing radiation hybrid mapping through whole genome amplification. <i>Hereditas</i> , 2010, 147, 103-112.	1.4	5
139	Targeted genotyping by sequencing: a new way to genome profile the cat. <i>Animal Genetics</i> , 2019, 50, 718-725.	1.7	5
140	Taxonomic identification of Madagascar's free-ranging "forest cats". <i>Conservation Genetics</i> , 2020, 21, 443-451.	1.5	5
141	Genetic relationships and inbreeding levels among geographically distant populations of <i>Felis catus</i> from Japan and the United States. <i>Genomics</i> , 2021, 113, 104-110.	2.9	5
142	Standardization of a SNP panel for parentage verification and identification in the domestic cat (<i>Felis silvestris catus</i>). <i>Animal Genetics</i> , 2021, 52, 675-682.	1.7	5
143	Cats – telomere to telomere and nose to tail. <i>Trends in Genetics</i> , 2021, 37, 865-867.	6.7	5
144	Clinical and Histologic Description of Lykoi Cat Hair Coat and Skin. <i>The Japanese Journal of Veterinary Dermatology</i> , 2016, 22, 179-191.	0.0	4

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145	A large animal model of <i>RDH5</i> -associated retinopathy recapitulates important features of the human phenotype. <i>Human Molecular Genetics</i> , 2022, 31, 1263-1277.	2.9	4
146	Lack of genetic association among coat colors, progressive retinal atrophy and polycystic kidney disease in Persian cats. <i>Journal of Feline Medicine and Surgery</i> , 2006, 8, 357-360.	1.6	3
147	An unresponsive progressive pustular and crusting dermatitis with acantholysis in nine cats. <i>Veterinary Dermatology</i> , 2018, 29, 81-e33.	1.2	3
148	Exploratory Study of Fecal Cortisol, Weight, and Behavior as Measures of Stress and Welfare in Shelter Cats During Assimilation Into Families of Children With Autism Spectrum Disorder. <i>Frontiers in Veterinary Science</i> , 2021, 8, 643803.	2.2	3
149	Precision medicine in catsâ€”The right biomedical model may not be the mouse!. <i>PLoS Genetics</i> , 2020, 16, e1009177.	3.5	3
150	Nothing â€”FISHâ€”my about the rhesus macaque sex ratio. <i>Journal of Medical Primatology</i> , 2009, 38, 42-50.	0.6	2
151	Hspb1 and Tp53 Mutation and Expression Analysis in Cat Mammary Tumors. <i>Iranian Journal of Biotechnology</i> , 2016, 14, 202-212.	0.3	2
152	The <i>TNNT2</i> :c.95â€”108G>>A variant is common in Maine Coons and shows no association with hypertrophic cardiomyopathy. <i>Animal Genetics</i> , 2022, 53, 526-529.	1.7	2
153	Complex Feline Disease Mapping Using a Dense Genotyping Array. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	2
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