

Sree Kanthaswamy

List of Publications by Year in descending order

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papers

1,759
citations

257450

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90
docs citations

90
times ranked

1393
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for animal DNA forensic and identity testing. International Journal of Legal Medicine, 2005, 119, 295-302.	2.2	122
2	Hybridization and Stratification of Nuclear Genetic Variation in Macaca mulatta and M. fascicularis. International Journal of Primatology, 2008, 29, 1295-1311.	1.9	72
3	Genetic analysis of the Yavapai Native Americans from West-Central Arizona using the Illumina MiSeq FGxâ„¢ forensic genomics system. Forensic Science International: Genetics, 2016, 24, 18-23.	3.1	68
4	The genetic composition of populations of cynomolgus macaques (<i>M. acaca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.6	67
5	Simple sequence repeat (SSR) polymorphisms for colony management and population genetics in rhesus macaques (<i>Macaca mulatta</i>). , 1997, 42, 199-213.		64
6	Inferring Pongo conservation units: a perspective based on microsatellite and mitochondrial DNA analyses. Primates, 2006, 47, 310-321.	1.1	64
7	Flanking region variation of ForenSeqâ„¢ DNA Signature Prep Kit STR and SNP loci in Yavapai Native Americans. Forensic Science International: Genetics, 2017, 28, 146-154.	3.1	60
8	Population subdivision and gene flow among wild orangutans. Primates, 2002, 43, 315-327.	1.1	47
9	Microsatellite markers for standardized genetic management of captive colonies of rhesus macaques (<i>Macaca mulatta</i>). American Journal of Primatology, 2006, 68, 73-95.	1.7	47
10	Additional highly polymorphic microsatellite (STR) loci for estimating kinship in rhesus macaques (<i>Macaca mulatta</i>). American Journal of Primatology, 2000, 50, 1-7.	1.7	44
11	Canine Population Data Generated from a Multiplex STR Kit for Use in Forensic Casework*. Journal of Forensic Sciences, 2009, 54, 829-840.	1.6	44
12	Pyrosequencing as a method for SNP identification in the rhesus macaque (<i>Macaca mulatta</i>). BMC Genomics, 2008, 9, 256.	2.8	42
13	MamuSNP: A Resource for Rhesus Macaque (<i>Macaca mulatta</i>) Genomics. PLoS ONE, 2007, 2, e438.	2.5	40
14	Genetic characterization of wild and captive rhesus macaques in China*. Journal of Medical Primatology, 2008, 37, 67-80.	0.6	39
15	Developmental Validation of Short Tandem Repeat Reagent Kit for Forensic DNA Profiling of Canine Biological Materials. Croatian Medical Journal, 2009, 50, 268-285.	0.7	38
16	The effect of SNP discovery method and sample size on estimation of population genetic data for Chinese and Indian rhesus macaques (<i>Macaca mulatta</i>). Primates, 2011, 52, 129-138.	1.1	37
17	Forensic Utility of the Mitochondrial Hypervariable Region 1 of Domestic Dogs, in Conjunction with Breed and Geographic Information. Journal of Forensic Sciences, 2008, 53, 81-89.	1.6	34
18	Detecting signatures of interâ€­regional and interâ€­specific hybridization among the Chinese rhesus macaque specific pathogenâ€­free (SPF) population using single nucleotide polymorphic (SNP) markers. Journal of Medical Primatology, 2010, 39, 252-265.	0.6	34

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19	Singleâ€Nucleotide Polymorphisms Reveal Patterns of Allele Sharing Across the Species Boundary Between Rhesus (<i>Macaca mulatta</i>) and Cynomolgus (<i>M. fascicularis</i>) Macaques. American Journal of Primatology, 2013, 75, 135-144.	1.7	33
20	Quantitative real-time PCR (qPCR) assay for humanâ€dogâ€cat species identification and nuclear DNA quantification. Forensic Science International: Genetics, 2012, 6, 290-295.	3.1	30
21	Genetic analysis of samples from wild populations opens new perspectives on hybridization between longâ€tailed (<i>Macaca fascicularis</i>) and rhesus macaques (<i>Macaca mulatta</i>). American Journal of Primatology, 2017, 79, e22726.	1.7	30
22	Genetic characterization of specific pathogenâ€free rhesus macaque (<i>Macaca mulatta</i>) populations at the California National Primate Research Center (CNPRC). American Journal of Primatology, 2010, 72, 587-599.	1.7	29
23	Real-Time Polymerase Chain Reaction Quantification of Canine DNA. Journal of Forensic Sciences, 2007, 52, 93-96.	1.6	28
24	Effects of geographic origin on captive Macaca mulatta mitochondrial DNA variation. Comparative Medicine, 2004, 54, 193-201.	1.0	26
25	Development of a Chineseâ€Indian hybrid (Chindian) rhesus macaque colony at the California National Primate Research Center by introgression. Journal of Medical Primatology, 2009, 38, 86-96.	0.6	25
26	Resources for genetic management and genomics research on nonâ€human primates at the National Primate Research Centers (NPRCs). Journal of Medical Primatology, 2009, 38, 17-23.	0.6	23
27	Development and validation of a SNPâ€based assay for inferring the genetic ancestry of rhesus macaques (<i>Macaca mulatta</i>). American Journal of Primatology, 2014, 76, 1105-1113.	1.7	23
28	Native American population data based on the Globalfiler Â® autosomal STR loci. Forensic Science International: Genetics, 2016, 24, e12-e13.	3.1	23
29	Review: domestic animal forensic genetics â€ biological evidence, genetic markers, analytical approaches and challenges. Animal Genetics, 2015, 46, 473-484.	1.7	22
30	Use of microsatellite polymorphisms for paternity exclusion in rhesus macaques (Macaca multatta). Primates, 1998, 39, 135-145.	1.1	21
31	Reconstructing full and partial STR profiles from severely burned human remains using comparative ancient and forensic DNA extraction techniques. Forensic Science International: Genetics, 2020, 46, 102272.	3.1	20
32	Identification of Country of Origin and Admixture Between Indian and Chinese Rhesus Macaques. International Journal of Primatology, 2006, 27, 881-898.	1.9	18
33	Development of a Nomenclature System for a Canine STR Multiplex Reagent Kit* ^{<sup>&lt;/sup>. Journal of Forensic Sciences, 2010, 55, 597-604.}	1.6	18
34	A genetic comparison of two alleged subspecies of <sc>P</sc>hilippine cynomolgus macaques. American Journal of Physical Anthropology, 2014, 155, 136-148.	2.1	17
35	A nuclear DNA-based species determination and DNA quantification assay for common poultry species. Journal of Food Science and Technology, 2014, 51, 4060-4065.	2.8	17
36	Population genetic statistics from rhesus macaques (Macaca mulatta) in three different housing configurations at the California National Primate Research Center. Journal of the American Association for Laboratory Animal Science, 2010, 49, 598-609.	1.2	17

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37	Analysis of Forensic SNPs in the Canine mtDNA HV1 Mutational Hotspot Region*. Journal of Forensic Sciences, 2008, 53, 1325-1333.	1.6	16
38	Large-scale pedigree analysis leads to evidence for founder effects of hypertrophic cardiomyopathy in rhesus macaques (<i>Macaca mulatta</i>). Journal of Medical Primatology, 2014, 43, 288-291.	0.6	16
39	Left Ventricular Hypertrophy in Rhesus Macaques (<i>Macaca mulatta</i>) at the California National Primate Research Center (1992-2014). Comparative Medicine, 2016, 66, 162-9.	1.0	16
40	Genetic variation at the TNF- α promoter and malaria susceptibility in rhesus (<i>Macaca mulatta</i>) and long-tailed (<i>Macaca fascicularis</i>) macaques†. Infection, Genetics and Evolution, 2009, 9, 769-777.	2.3	15
41	4040 SNPs for genomic analysis in the rhesus macaque (<i>Macaca mulatta</i>). Genomics, 2011, 98, 352-358.	2.9	15
42	Identifying human-rhesus macaque gene orthologs using heterospecific SNP probes. Genomics, 2013, 101, 30-37.	2.9	15
43	Familial aggregation of chronic diarrhea disease (<i>CDD</i>) in rhesus macaques (<i>Macaca mulatta</i>). American Journal of Primatology, 2014, 76, 262-270.	1.7	15
44	Lung Vascular Remodeling, Cardiac Hypertrophy, and Inflammatory Cytokines in SHIV-Infected Macaques. Viral Immunology, 2018, 31, 206-222.	1.3	15
45	A simple multiplex polymerase chain reaction to determine ABO blood types of rhesus macaques (<i>Macaca mulatta</i>). Tissue Antigens, 2011, 77, 584-588.	1.0	13
46	Secondary contact and genomic admixture between rhesus and long-tailed macaques in the Indochina Peninsula. Journal of Evolutionary Biology, 2020, 33, 1164-1179.	1.7	13
47	A Rapid Quantitative Real-Time PCR-Based DNA Quantification Assay Coupled with Species Assignment Capabilities for Two Hybridizing Macaca Species. Folia Primatologica, 2011, 82, 71-80.	0.7	11
48	Degree of Chinese ancestry affects behavioral characteristics of infant rhesus macaques (<i>Macaca mulatta</i>). Journal of Medical Primatology, 2013, 42, 20-27.	0.6	11
49	Ancestry, <i>Plasmodium cynomolgi</i> prevalence and rhesus macaque admixture in cynomolgus macaques (<i>Macaca fascicularis</i>) bred for export in Chinese breeding farms. Journal of Medical Primatology, 2017, 46, 31-41.	0.6	11
50	Reconstruction of Parentage in a Band of Captive Hamadryas Baboons. International Journal of Primatology, 1999, 20, 415-429.	1.9	10
51	A Large-Scale SNP-Based Genomic Admixture Analysis of the Captive Rhesus Macaque Colony at the California National Primate Research Center. American Journal of Primatology, 2012, 74, 747-757.	1.7	10
52	Molecular ABO phenotyping in cynomolgus macaques using real-time quantitative PCR. Tissue Antigens, 2012, 80, 363-367.	1.0	10
53	Expanded CODIS STR allele frequencies Evidence for the irrelevance of race-based DNA databases. Legal Medicine, 2020, 42, 101642.	1.3	10
54	An assessment of scientific and technical aspects of closed investigations of canine forensics DNA case series from the University of California, Davis, USA. Croatian Medical Journal, 2011, 52, 280-292.	0.7	9

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55	Population Genetics of the Washington National Primate Research Center's (WaNPRC) Captive Pigtailed Macaque (<i>Macaca nemestrina</i>) Population. <i>American Journal of Primatology</i> , 2012, 74, 1017-1027.	1.7	9
56	Geographic Differences in Mitochondrial DNA (mtDNA) Distribution Among United States (US) Domestic Dog Populations # ~!2010-01-07~!2010-04-02~!2010-05-17~!. <i>The Open Forensic Science Journal</i> , 2010, 3, 22-32.	0.8	9
57	Comparing two commercial domestic dog (<i>Canis familiaris</i>) STR genotyping kits for forensic identity calculations in a mixed-breed dog population sample. <i>Animal Genetics</i> , 2019, 50, 105-111.	1.7	8
58	Streamlining the decision-making process for international DNA kinship matching using Worldwide allele frequencies and tailored cutoff log ₁₀ LR thresholds. <i>Forensic Science International: Genetics</i> , 2022, 57, 102634.	3.1	8
59	Population Structure of <i>Macaca fascicularis aurea</i> , and their Genetic Relationships with <i>M. fascicularis</i> and <i>M. mulatta</i> Determined by 868 RADseq-Derived Autosomal SNPs: A consideration for biomedical research. <i>Journal of Medical Primatology</i> , 2022, 51, 33-44.	0.6	8
60	High-throughput single-nucleotide polymorphism discovery and the search for candidate genes for long-term SIVmac nonprogression in Chinese rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2011, 40, 224-232.	0.6	7
61	Quadriplex real-time PCR (qPCR) assay for human-canine-feline species identification and nuclear DNA quantification. <i>Forensic Science International: Genetics</i> , 2012, 6, e97-e98.	3.1	7
62	The genetic structure of native Americans in North America based on the Globalfiler® STRs. <i>Legal Medicine</i> , 2016, 23, 49-54.	1.3	7
63	Heterospecific SNP diversity in humans and rhesus macaque (<i>Macaca mulatta</i>) Tj ETQq1 1 0.784314 rgBT ₀ /Overl	0.6	7
64	DNA-based Determination of Ancestry in Cynomolgus Macaques (<i>Macaca fascicularis</i>). <i>Journal of the American Association for Laboratory Animal Science</i> , 2018, 57, 432-442.	1.2	6
65	Assessment of genetic management at three specific-pathogen-free rhesus macaque (<i>Macaca mulatta</i>) colonies. <i>Comparative Medicine</i> , 2002, 52, 414-23.	1.0	6
66	Genetic and ethnohistoric evidence suggest current Native American population datasets in the FBI's CODIS Database Are Not Sufficiently Representative. <i>Forensic Science International: Genetics</i> , 2014, 13, e13-e15.	3.1	5
67	Population genetics of the California National Primate Research Center™s (CNPRC) captive <i>Callicebus cupreus</i> colony. <i>Primates</i> , 2015, 56, 37-44.	1.1	5
68	Additional highly polymorphic microsatellite (STR) loci for estimating kinship in rhesus macaques (<i>Macaca mulatta</i>). <i>American Journal of Primatology</i> , 2000, 50, 1-7.	1.7	5
69	Population Genetic Structure of the Cayo Santiago Colony of Rhesus Macaques (<i>Macaca mulatta</i>). <i>Journal of the American Association for Laboratory Animal Science</i> , 2017, 56, 396-401.	1.2	5
70	Moderate evidence for heritability in the duet contributions of a South American primate. <i>Journal of Evolutionary Biology</i> , 2022, 35, 51-63.	1.7	5
71	Use of SSR fragment length homozygotes for orangutan systematics. <i>Primates</i> , 2001, 42, 35-45.	1.1	4
72	ABO blood group phenotype frequency estimation using molecular phenotyping in rhesus and cynomolgus macaques. <i>Hla</i> , 2017, 90, 295-299.	0.6	4

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73	Assessing the FBI's Native American STR database for random match probability calculations. <i>Legal Medicine</i> , 2018, 30, 52-55.	1.3	4
74	The Population Genetic Composition of Conventional and SPF Colonies of Rhesus Macaques (<i>Macaca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Laboratory Animal Science, 2016, 55, 147-51.	1.2	4
75	Association between hybrid status and reproductive success of captive male and female rhesus macaques (<i>Macaca mulatta</i>) at the California National Primate Research Center (CNPRC). <i>American Journal of Primatology</i> , 2011, 73, 671-678.	1.7	3
76	Performing monkeys of Bangladesh: characterizing their source and genetic variation. <i>Primates</i> , 2016, 57, 221-230.	1.1	3
77	Population genetics of the ABO locus within the rhesus (<i>Macaca mulatta</i>) and cynomolgus (<i>M. fascicularis</i>) macaque hybrid zone. <i>International Journal of Immunogenetics</i> , 2019, 46, 38-48.	1.8	3
78	Use of genome-wide heterospecific single-nucleotide polymorphisms to estimate linkage disequilibrium in rhesus and cynomolgus macaques. <i>Comparative Medicine</i> , 2015, 65, 62-9.	1.0	3
79	Identifying rhesus macaque gene orthologs using heterospecific human CNV probes. <i>Genomics Data</i> , 2015, 6, 202-207.	1.3	2
80	Evaluating the genetic status of a closed colony of titi monkeys (<i>Callicebus cupreus</i>) using multigenerational pedigrees. <i>Journal of Medical Primatology</i> , 2018, 47, 139-141.	0.6	2
81	An inter-laboratory study of DNA-based identity, parentage and species testing in animal forensic genetics. <i>Forensic Sciences Research</i> , 0, , 1-14.	1.6	2
82	Gene flow from rhesus (<i>Macaca mulatta</i>) to cynomolgus macaques (<i>M. fascicularis</i>) and effects of introgressive hybridization on reproduction in two biomedically relevant non-human primate species. <i>Journal of Medical Primatology</i> , 2022, 51, 108-118.	0.6	2
83	Mitigating Chinese-Indian rhesus macaque (<i>Macaca mulatta</i>) hybridity at the California National Primate Research Center (CNPRC). <i>Journal of Medical Primatology</i> , 2016, 45, 333-335.	0.6	1
84	Determination of major histocompatibility class I and class II genetic composition of the Caribbean Primate Center specific pathogen-free rhesus macaque (<i>Macaca mulatta</i>) colony based on massively parallel sequencing. <i>Journal of Medical Primatology</i> , 2018, 47, 379-387.	0.6	1
85	Variation in CCL3L1 copy number in rhesus macaques (<i>Macaca mulatta</i>). <i>Comparative Medicine</i> , 2012, 62, 218-24.	1.0	1
86	SNP-based genetic characterization of the Tulane National Primate Research Center's conventional and specific pathogen-free rhesus macaque (<i>Macaca mulatta</i>) populations. <i>Journal of Medical Primatology</i> , 2018, 47, 29-34.	0.6	0
87	Partial sequence analyses of exon 7 of the ABO locus of cynomolgus (<i>Macaca fascicularis</i>) and rhesus (<i>M. mulatta</i>) macaques: Indeterminate phenotypes show the presence of the O blood group. <i>Hla</i> , 2019, 94, 482-492.	0.6	0
88	Genetic differentiation between and within Northern Native American language groups: an argument for the expansion of the Native American CODIS database. <i>Forensic Sciences Research</i> , 0, , 1-11.	1.6	0
89	Haplotype Linked to Hypertrophic Cardiomyopathy in Rhesus Macaques (). <i>Comparative Medicine</i> , 2020, 70, 358-367.	1.0	0
90	MYBPC3 Haplotype Linked to Hypertrophic Cardiomyopathy in Rhesus Macaques (<i>Macaca mulatta</i>). <i>Comparative Medicine</i> , 2020, 70, 358-367.	1.0	0