

Corey S Davis

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,699
citations

304368

22
h-index

301761

39
g-index

63
all docs

63
docs citations

63
times ranked

2276
citing authors

#	ARTICLE	IF	CITATIONS
1	Mountain pine beetle host-range expansion threatens the boreal forest. <i>Molecular Ecology</i> , 2011, 20, 2157-2171.	2.0	278
2	Isolation, variability, and cross-species amplification of polymorphic microsatellite loci in the family Mustelidae. <i>Molecular Ecology</i> , 1998, 7, 1776-1778.	2.0	143
3	Estimating genome-wide heterozygosity: effects of demographic history and marker type. <i>Heredity</i> , 2014, 112, 240-247.	1.2	84
4	A phylogeny of the extant Phocidae inferred from complete mitochondrial DNA coding regions. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 363-377.	1.2	61
5	Assessing polar bear (<i>Ursus maritimus</i>) population structure in the Hudson Bay region using <i>SNPs</i> . <i>Ecology and Evolution</i> , 2016, 6, 8474-8484.	0.8	56
6	Population structure of ice-breeding seals. <i>Molecular Ecology</i> , 2008, 17, 3078-3094.	2.0	55
7	Comparison of bacterial 16S rRNA variable regions for microbiome surveys of ticks. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 453-461.	1.1	54
8	Spatial genetic structure of the mountain pine beetle (<i>Dendroctonus ponderosae</i>) outbreak in western Canada: historical patterns and contemporary dispersal. <i>Molecular Ecology</i> , 2012, 21, 2931-2948.	2.0	53
9	Circumpolar Genetic Structure and Recent Gene Flow of Polar Bears: A Reanalysis. <i>PLoS ONE</i> , 2016, 11, e0148967.	1.1	52
10	Panmictic population structure in the hooded seal (<i>Cystophora cristata</i>). <i>Molecular Ecology</i> , 2007, 16, 1639-1648.	2.0	50
11	Dinucleotide microsatellite markers from the Antarctic seals and their use in other Pinnipeds. <i>Molecular Ecology Notes</i> , 2002, 2, 203-208.	1.7	49
12	Evidence of adoption, monozygotic twinning, and low inbreeding rates in a large genetic pedigree of polar bears. <i>Polar Biology</i> , 2016, 39, 1455-1465.	0.5	48
13	Design of a 9K illumina BeadChip for polar bears (<i>Ursus maritimus</i>) from <i>RAD</i> and transcriptome sequencing. <i>Molecular Ecology Resources</i> , 2015, 15, 587-600.	2.2	45
14	Something Darwin didn't know about barnacles: spermcast mating in a common stalked species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122919.	1.2	42
15	Isolation of 18 polymorphic microsatellite loci from the North American red squirrel, <i>Tamiasciurus hudsonicus</i> (Sciuridae, Rodentia), and their cross-utility in other species. <i>Molecular Ecology Notes</i> , 2005, 5, 650-653.	1.7	38
16	Genetic linkage map of a wild genome: genomic structure, recombination and sexual dimorphism in bighorn sheep. <i>BMC Genomics</i> , 2010, 11, 524.	1.2	38
17	Environmental <i>DNA</i> in lake sediment reveals biogeography of native genetic diversity. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 313-318.	1.9	35
18	QTL mapping for sexually dimorphic fitness-related traits in wild bighorn sheep. <i>Heredity</i> , 2012, 108, 256-263.	1.2	33

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19	Characterization of dinucleotide microsatellite loci in big brown bats (<i>Eptesicus fuscus</i>), and their use in other North American vespertilionid bats. <i>Molecular Ecology Notes</i> , 2002, 2, 167-169.	1.7	28
20	MOLECULAR EVIDENCE FOR TWINNING IN WEDDELL SEALS (<i>LEPTONYCHOTES WEDDELLII</i>). <i>Journal of Mammalogy</i> , 2001, 82, 491-499.	0.6	27
21	A phylogenetic investigation of <i>Carthamus</i> combining sequence and microsatellite data. <i>Plant Systematics and Evolution</i> , 2010, 287, 85-97.	0.3	26
22	Heritability of body size in the polar bears of Western Hudson Bay. <i>Molecular Ecology Resources</i> , 2018, 18, 854-866.	2.2	25
23	Genome-wide cross-amplification of domestic sheep microsatellites in bighorn sheep and mountain goats. <i>Molecular Ecology Resources</i> , 2009, 9, 1121-1126.	2.2	24
24	Microsatellite analysis of North American pine marten (<i>Martes americana</i>) populations from the Yukon and Northwest Territories. <i>Canadian Journal of Zoology</i> , 2000, 78, 1150-1157.	0.4	23
25	Limited genetic structure in a wood frog (<i>Lithobates sylvaticus</i>) population in an urban landscape inhabiting natural and constructed wetlands. <i>Conservation Genetics</i> , 2016, 17, 19-30.	0.8	21
26	Social structure and facultative mating systems of hoary marmots (<i>Marmota caligata</i>). <i>Molecular Ecology</i> , 2007, 16, 1245-1255.	2.0	20
27	History and fate of a small isolated population of Weddell seals at White Island, Antarctica. <i>Conservation Genetics</i> , 2010, 11, 721-735.	0.8	20
28	Gene flow and climate-associated genetic variation in a vagile habitat specialist. <i>Molecular Ecology</i> , 2020, 29, 3889-3906.	2.0	19
29	Characterization of microsatellite loci in northern flying squirrels (<i>Glaucomys sabrinus</i>). <i>Molecular Ecology</i> , 2000, 9, 826-827.	2.0	17
30	Phylogeography of a migratory songbird across its Canadian breeding range: Implications for conservation units. <i>Ecology and Evolution</i> , 2017, 7, 6078-6088.	0.8	17
31	Characterization of microsatellite loci in bannertailed and giant kangaroo rats, <i>Dipodomys spectabilis</i> and <i>Dipodomys ingens</i> . <i>Molecular Ecology</i> , 2000, 9, 642-644.	2.0	16
32	Isolation and characterization of microsatellite markers in hoary marmots (<i>Marmota caligata</i>). <i>Molecular Ecology Notes</i> , 2004, 4, 749-751.	1.7	14
33	Clones or clans: the genetic structure of a deep-sea sponge, <i>Aphrocallistes vastus</i> , in unique sponge reefs of British Columbia, Canada. <i>Molecular Ecology</i> , 2017, 26, 1045-1059.	2.0	14
34	Cross-platform compatibility of <i>de novo</i> -aligned <i>scn</i> SNPs in a nonmodel butterfly genus. <i>Molecular Ecology Resources</i> , 2017, 17, e84-e93.	2.2	14
35	Isolation and characterization of 16 microsatellite loci in the mountain pine beetle, <i>Dendroctonus ponderosae</i> Hopkins (Coleoptera: Curculionidae: Scolytinae). <i>Molecular Ecology Resources</i> , 2009, 9, 1071-1073.	2.2	12
36	Where even a long penis can't help: Evidence of long-distance spermcast mating in two acorn barnacles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 454, 49-54.	0.7	11

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37	Genetic diversity and population structure identify the potential source of the invasive red clover casebearer moth, <i>Coleophora deauratella</i> , in North America. <i>Biological Invasions</i> , 2016, 18, 3595-3609.	1.2	11
38	Development of Polymorphic Microsatellite Markers for Indian Tobacco, <i>Lobelia inflata</i> (Campanulaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1300096.	0.8	9
39	Riverscape genetic structure of a threatened and dispersal limited freshwater species, the Rocky Mountain Sculpin (<i>Cottus</i> sp.). <i>Conservation Genetics</i> , 2017, 18, 925-937.	0.8	9
40	Characterization of microsatellite loci in Spix's disk-winged bats (<i>Thyroptera tricolor</i>). <i>Molecular Ecology Notes</i> , 2001, 1, 73-75.	1.7	8
41	Isolation and characterization of microsatellite loci for the collared pika (<i>Ochotona collaris</i>) and their cross-species amplification in five other <i>Ochotona</i> species. <i>Molecular Ecology Resources</i> , 2009, 9, 867-871.	2.2	7
42	Apodemia mormo in Canada: population genetic data support prior conservation ranking. <i>Journal of Insect Conservation</i> , 2013, 17, 155-170.	0.8	7
43	A Molecular Identification Protocol for Roots of Boreal Forest Tree Species. <i>Applications in Plant Sciences</i> , 2014, 2, 1400069.	0.8	7
44	Genomic Resources Notes accepted 1 June 2013-31 July 2013. <i>Molecular Ecology Resources</i> , 2014, 14, 218-218.	2.2	7
45	Habitat use and hybridisation between the Rocky Mountain sculpin (<i>Cottus</i> sp.) and slimy sculpin (<i>Cottus cognatus</i>). <i>Freshwater Biology</i> , 2019, 64, 391-404.	1.2	7
46	Isolation and characterization of eight microsatellite loci in the spruce budworm species <i>Choristoneura fumiferana</i> and <i>Choristoneura occidentalis</i> , and cross-species amplification in related tortricid moths. <i>Conservation Genetics Resources</i> , 2009, 1, 501-504.	0.4	6
47	Isolation and characterization of polymorphic microsatellite loci in muskrat, <i>Ondatra zibethicus</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 654-657.	2.2	6
48	Characterization of 14 microsatellite loci developed for <i>Dermacentor albipictus</i> and cross-species amplification in <i>D. andersoni</i> and <i>D. variabilis</i> (Acari: Ixodidae). <i>Conservation Genetics Resources</i> , 2012, 4, 379-382.	0.4	6
49	Assessing spatial discreteness of Hudson Bay polar bear populations using telemetry and genetics. <i>Ecosphere</i> , 2018, 9, e02364.	1.0	6
50	Management implications of highly resolved hierarchical population genetic structure in thornhorn sheep. <i>Conservation Genetics</i> , 2019, 20, 185-201.	0.8	6
51	Variance in lifetime reproductive success of male polar bears. <i>Behavioral Ecology</i> , 2020, 31, 1224-1232.	1.0	6
52	Genomic Resources Notes accepted 1 August 2013-30 September 2013. <i>Molecular Ecology Resources</i> , 2014, 14, 219-219.	2.2	5
53	Molecular cryptozoology meets the Sasquatch. <i>Trends in Ecology and Evolution</i> , 2006, 21, 60-61.	4.2	4
54	Isolation and characterization of nine polymorphic microsatellite loci in the northern crayfish (<i>Orconectes virilis</i>). <i>Conservation Genetics Resources</i> , 2010, 2, 235-237.	0.4	4

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55	SNP discovery in a reef-forming glass sponge, <i>Aphrocallistes vastus</i> , using the Ion Torrent next generation sequencing platform. <i>Conservation Genetics Resources</i> , 2014, 6, 49-51.	0.4	4
56	Isolation and characterization of ten polar bear (<i>Ursus maritimus</i>) microsatellite loci and cross-amplification in other Ursidae. <i>Conservation Genetics Resources</i> , 2011, 3, 637-639.	0.4	3
57	Identification and characterization of 16 single nucleotide polymorphisms (SNPs) in the northeast intertidal gooseneck barnacle, <i>Pollicipes polymerus</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 217-219.	0.4	3
58	Delimitation of <i>Alosa</i> species (Teleostei: Clupeiformes) from the Sea of Azov: integrating morphological and molecular approaches. <i>Journal of Fish Biology</i> , 2018, 93, 1216-1228.	0.7	2
59	Genetic management on the brink of extinction: sequencing microsatellites does not improve estimates of inbreeding in wild and captive Vancouver Island marmots (<i>Marmota vancouverensis</i>). <i>Conservation Genetics</i> , 2022, 23, 417-428.	0.8	2
60	Development of eight microsatellite loci from the endangered huemul (<i>Hippocamelus bisulcus</i>) and cross-species amplification in six other ungulate species. <i>Conservation Genetics Resources</i> , 2012, 4, 571-573.	0.4	1
61	Isolation and characterization of 8 polymorphic microsatellite markers from the Greater Short-horned Lizard (<i>Phrynosoma hernandesi</i>). <i>Conservation Genetics Resources</i> , 2014, 6, 443-444.	0.4	1
62	Lodgepole pine, jack pine, and their hybrids: molecular markers reveal mountain pine beetle host-range expansion into jack pine of the boreal forest. <i>BMC Proceedings</i> , 2011, 5, O3.	1.8	0
63	Evaluation of novel genomic markers for pedigree construction in an isolated population of Weddell Seals (<i>Leptonychotes weddellii</i>) at White Island, Antarctica. <i>Conservation Genetics Resources</i> , 0, , 1.	0.4	0