Corey S Davis

List of Publications by Year
in descending order

63 papers	1,699 citations	279798 23 h-index	302126 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. Molecular Ecology, 2011, 20, 2157-2171.	3.9	278
2	Isolation, variability, and crossâ€species amplification of polymorphic microsatellite loci in the family Mustelidae. Molecular Ecology, 1998, 7, 1776-1778.	3.9	143
3	Estimating genome-wide heterozygosity: effects of demographic history and marker type. Heredity, 2014, 112, 240-247.	2.6	84
4	A phylogeny of the extant Phocidae inferred from complete mitochondrial DNA coding regions. Molecular Phylogenetics and Evolution, 2004, 33, 363-377.	2.7	61
5	Assessing polar bear (Ursus maritimus) population structure in the Hudson Bay region using <scp>SNP</scp>s. Ecology and Evolution, 2016, 6, 8474-8484.	1.9	56
6	Population structure of iceâ€breeding seals. Molecular Ecology, 2008, 17, 3078-3094.	3.9	55
7	Comparison of bacterial 16S rRNA variable regions for microbiome surveys of ticks. Ticks and Tick-borne Diseases, 2017, 8, 453-461.	2.7	54
8	Spatial genetic structure of the mountain pine beetle (Dendroctonus ponderosae) outbreak in western Canada: historical patterns and contemporary dispersal. Molecular Ecology, 2012, 21, 2931-2948.	3.9	53
9	Circumpolar Genetic Structure and Recent Gene Flow of Polar Bears: A Reanalysis. PLoS ONE, 2016, 11, e0148967.	2.5	52
10	Panmictic population structure in the hooded seal (Cystophora cristata). Molecular Ecology, 2007, 16, 1639-1648.	3.9	50
11	Dinucleotide microsatellite markers from the Antarctic seals and their use in other Pinnipeds. Molecular Ecology Notes, 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. Polar Biology, 2016, 39, 1455-1465.	1.2	48
13	Design of a 9K illumina BeadChip for polar bears (<scp>U</scp>rsus maritimus) from <scp>RAD</scp> and transcriptome sequencing. Molecular Ecology Resources, 2015, 15, 587-600.	4.8	45
14	Something Darwin didn't know about barnacles: spermcast mating in a common stalked species. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122919.	2.6	42
15	Isolation of 18 polymorphic microsatellite loci from the North American red squirrel, Tamiasciurus hudsonicus (Sciuridae, Rodentia), and their cross-utility in other species. Molecular Ecology Notes, 2005, 5, 650-653.	1.7	38
16	Genetic linkage map of a wild genome: genomic structure, recombination and sexual dimorphism in bighorn sheep. BMC Genomics, 2010, 11, 524.	2.8	38
17	Environmental <scp>DNA</scp> in lake sediment reveals biogeography of native genetic diversity. Frontiers in Ecology and the Environment, 2019, 17, 313-318.	4.0	35
18	QTL mapping for sexually dimorphic fitness-related traits in wild bighorn sheep. Heredity, 2012, 108, 256-263.	2.6	33

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19	Characterization of dinucleotide microsatellite loci in big brown bats (Eptesicus fuscus), and their use in other North American vespertilionid bats. Molecular Ecology Notes, 2002, 2, 167-169.	1.7	28
20	MOLECULAR EVIDENCE FOR TWINNING IN WEDDELL SEALS (LEPTONYCHOTES WEDDELLII). Journal of Mammalogy, 2001, 82, 491-499.	1.3	27
21	A phylogenetic investigation of Carthamus combining sequence and microsatellite data. Plant Systematics and Evolution, 2010, 287, 85-97.	0.9	26
22	Heritability of body size in the polar bears of Western Hudson Bay. Molecular Ecology Resources, 2018, 18, 854-866.	4.8	25
23	Genomeâ€wide crossâ€amplification of domestic sheep microsatellites in bighorn sheep and mountain goats. Molecular Ecology Resources, 2009, 9, 1121-1126.	4.8	24
24	Microsatellite analysis of North American pine marten (Martes americana) populations from the Yukon and Northwest Territories. Canadian Journal of Zoology, 2000, 78, 1150-1157.	1.0	23
25	Limited genetic structure in a wood frog (Lithobates sylvaticus) population in an urban landscape inhabiting natural and constructed wetlands. Conservation Genetics, 2016, 17, 19-30.	1.5	21
26	Social structure and facultative mating systems of hoary marmots (Marmota caligata). Molecular Ecology, 2007, 16, 1245-1255.	3.9	20
27	History and fate of a small isolated population of Weddell seals at White Island, Antarctica. Conservation Genetics, 2010, 11, 721-735.	1.5	20
28	Gene flow and climateâ€associated genetic variation in a vagile habitat specialist. Molecular Ecology, 2020, 29, 3889-3906.	3.9	19
29	Characterization of microsatellite loci in northern flying squirrels (Glaucomys sabrinus). Molecular Ecology, 2000, 9, 826-827.	3.9	17
30	Phylogeography of a migratory songbird across its Canadian breeding range: Implications for conservation units. Ecology and Evolution, 2017, 7, 6078-6088.	1.9	17
31	Characterization of microsatellite loci in bannertailed and giant kangaroo rats, Dipodomys spectabilis and Dipodomys ingens. Molecular Ecology, 2000, 9, 642-644.	3.9	16
32	Isolation and characterization of microsatellite markers in hoary marmots (Marmota caligata). Molecular Ecology Notes, 2004, 4, 749-751.	1.7	14
33	Clones or clans: the genetic structure of a deepâ€sea sponge, Aphrocallistes vastus, in unique sponge reefs of British Columbia, Canada. Molecular Ecology, 2017, 26, 1045-1059.	3.9	14
34	Crossâ€platform compatibility of de novoâ€aligned <scp>SNP</scp>s in a nonmodel butterfly genus. Molecular Ecology Resources, 2017, 17, e84-e93.	4.8	14
35	Isolation and characterization of 16 microsatellite loci in the mountain pine beetle, Dendroctonus ponderosae Hopkins (Coleoptera: Curculionidae: Scolytinae). Molecular Ecology Resources, 2009, 9, 1071-1073.	4.8	12
36	Where even a long penis can't help: Evidence of long-distance spermcast mating in two acorn barnacles. Journal of Experimental Marine Biology and Ecology, 2014, 454, 49-54.	1.5	11

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37	Genetic diversity and population structure identify the potential source of the invasive red clover casebearer moth, Coleophora deauratella, in North America. Biological Invasions, 2016, 18, 3595-3609.	2.4	11
38	Development of Polymorphic Microsatellite Markers for Indian Tobacco,Lobelia inflata(Campanulaceae). Applications in Plant Sciences, 2014, 2, 1300096.	2.1	9
39	Riverscape genetic structure of a threatened and dispersal limited freshwater species, the Rocky Mountain Sculpin (Cottus sp.). Conservation Genetics, 2017, 18, 925-937.	1.5	9
40	Characterization of microsatellite loci in Spix's disk-winged bats (Thyroptera tricolor). Molecular Ecology Notes, 2001, 1, 73-75.	1.7	8
41	Isolation and characterization of microsatellite loci for the collared pika (Ochotona collaris) and their crossâ€amplification in five other Ochotona species. Molecular Ecology Resources, 2009, 9, 867-871.	4.8	7
42	Apodemia mormo in Canada: population genetic data support prior conservation ranking. Journal of Insect Conservation, 2013, 17, 155-170.	1.4	7
43	A Molecular Identification Protocol for Roots of Boreal Forest Tree Species. Applications in Plant Sciences, 2014, 2, 1400069.	2.1	7
44	Genomic Resources Notes accepted 1 June 2013-31 July 2013. Molecular Ecology Resources, 2014, 14, 218-218.	4.8	7
45	Habitat use and hybridisation between the Rocky Mountain sculpin (Cottus sp.) and slimy sculpin (Cottus cognatus). Freshwater Biology, 2019, 64, 391-404.	2.4	7
46	Isolation and characterization of eight microsatellite loci in the spruce budworm species Choristoneura fumiferana and Choristoneura occidentalis, and cross-species amplification in related tortricid moths. Conservation Genetics Resources, 2009, 1, 501-504.	0.8	6
47	Isolation and characterization of polymorphic microsatellite loci in muskrat, Ondatra zibethicus. Molecular Ecology Resources, 2009, 9, 654-657.	4.8	6
48	Characterization of 14 microsatellite loci developed for Dermacentor albipictus and cross-species amplification in D. andersoni and D. variabilis (Acari: Ixodidae). Conservation Genetics Resources, 2012, 4, 379-382.	0.8	6
49	Assessing spatial discreteness of Hudson Bay polar bear populations using telemetry and genetics. Ecosphere, 2018, 9, e02364.	2.2	6
50	Management implications of highly resolved hierarchical population genetic structure in thinhorn sheep. Conservation Genetics, 2019, 20, 185-201.	1.5	6
51	Variance in lifetime reproductive success of male polar bears. Behavioral Ecology, 2020, 31, 1224-1232.	2.2	6
52	Genomic Resources Notes accepted 1 August 2013-30 September 2013. Molecular Ecology Resources, 2014, 14, 219-219.	4.8	5
53	Molecular cryptozoology meets the Sasquatch. Trends in Ecology and Evolution, 2006, 21, 60-61.	8.7	4
54	Isolation and characterization of nine polymorphic microsatellite loci in the northern crayfish (Orconectes virilis). Conservation Genetics Resources, 2010, 2, 235-237.	0.8	4

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55	SNP discovery in a reef-forming glass sponge, Aphrocallistes vastus, using the Ion Torrent next generation sequencing platform. Conservation Genetics Resources, 2014, 6, 49-51.	0.8	4
56	Isolation and characterization of ten polar bear (Ursus maritimus) microsatellite loci and cross-amplification in other Ursidae. Conservation Genetics Resources, 2011, 3, 637-639.	0.8	3
57	Identification and characterization of 16 single nucleotide polymorphisms (SNPs) in the northeast intertidal gooseneck barnacle, Pollicipes polymerus. Conservation Genetics Resources, 2012, 4, 217-219.	0.8	3
58	Delimitation of Alosa species (Teleostei: Clupeiformes) from the Sea of Azov: integrating morphological and molecular approaches. Journal of Fish Biology, 2018, 93, 1216-1228.	1.6	2
59	Genetic management on the brink of extinction: sequencing microsatellites does not improve estimates of inbreeding in wild and captive Vancouver Island marmots (Marmota vancouverensis). Conservation Genetics, 2022, 23, 417-428.	1.5	2
60	Development of eight microsatellite loci from the endangered huemul (Hippocamelus bisulcus) and cross-species amplification in six other ungulate species. Conservation Genetics Resources, 2012, 4, 571-573.	0.8	1
61	Isolation and characterization of 8 polymorphic microsatellite markers from the Greater Short-horned Lizard (Phrynosoma hernandesi). Conservation Genetics Resources, 2014, 6, 443-444.	0.8	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. BMC Proceedings, 2011, 5, O3.	1.6	0
63	Evaluation of novel genomic markers for pedigree construction in an isolated population of Weddell Seals (Leptonychotes weddellii) at White Island, Antarctica. Conservation Genetics Resources, 0, , 1.	0.8	0