Corey S Davis

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Gene flow and climateâ€associated genetic variation in a vagile habitat specialist. Molecular Ecology, 2020, 29, 3889-3906.	3.9	19
3	Variance in lifetime reproductive success of male polar bears. Behavioral Ecology, 2020, 31, 1224-1232.	2.2	6
4	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
5	Habitat use and hybridisation between the Rocky Mountain sculpin (<i>Cottus</i> sp.) and slimy sculpin (<i>Cottus cognatus</i>). Freshwater Biology, 2019, 64, 391-404.	2.4	7
6	Management implications of highly resolved hierarchical population genetic structure in thinhorn sheep. Conservation Genetics, 2019, 20, 185-201.	1.5	6
7	Heritability of body size in the polar bears of Western Hudson Bay. Molecular Ecology Resources, 2018, 18, 854-866.	4.8	25
8	Assessing spatial discreteness of Hudson Bay polar bear populations using telemetry and genetics. Ecosphere, 2018, 9, e02364.	2.2	6
9	Delimitation of <i>Alosa</i> species (Teleostei: Clupeiformes) from the Sea of Azov: integrating morphological and molecular approaches. Journal of Fish Biology, 2018, 93, 1216-1228.	1.6	2
10	Comparison of bacterial 16S rRNA variable regions for microbiome surveys of ticks. Ticks and Tick-borne Diseases, 2017, 8, 453-461.	2.7	54
11	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
12	Clones or clans: the genetic structure of a deepâ€sea sponge, <i>Aphrocallistes vastus,</i> in unique sponge reefs of British Columbia, Canada. Molecular Ecology, 2017, 26, 1045-1059.	3.9	14
13	Phylogeography of a migratory songbird across its Canadian breeding range: Implications for conservation units. Ecology and Evolution, 2017, 7, 6078-6088.	1.9	17
14	Crossâ€platform compatibility of <i>de novo</i> â€aligned <scp>SNP</scp> s in a nonmodel butterfly genus. Molecular Ecology Resources, 2017, 17, e84-e93.	4.8	14
15	Assessing polar bear (<i>Ursus maritimus</i>) population structure in the Hudson Bay region using <scp>SNP</scp> s. Ecology and Evolution, 2016, 6, 8474-8484.	1.9	56
16	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
17	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
18	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

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19	Circumpolar Genetic Structure and Recent Gene Flow of Polar Bears: A Reanalysis. PLoS ONE, 2016, 11, e0148967.	2.5	52
20	Design of a 9K illumina BeadChip for polar bears (<i><scp>U</scp>rsus maritimus</i>) from <scp>RAD</scp> and transcriptome sequencing. Molecular Ecology Resources, 2015, 15, 587-600.	4.8	45
21	A Molecular Identification Protocol for Roots of Boreal Forest Tree Species. Applications in Plant Sciences, 2014, 2, 1400069.	2.1	7
22	Development of Polymorphic Microsatellite Markers for Indian Tobacco,Lobelia inflata(Campanulaceae). Applications in Plant Sciences, 2014, 2, 1300096.	2.1	9
23	Genomic Resources Notes accepted 1 June 2013-31 July 2013. Molecular Ecology Resources, 2014, 14, 218-218.	4.8	7
24	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
25	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
26	Genomic Resources Notes accepted 1 August 2013-30 September 2013. Molecular Ecology Resources, 2014, 14, 219-219.	4.8	5
27	Estimating genome-wide heterozygosity: effects of demographic history and marker type. Heredity, 2014, 112, 240-247.	2.6	84
28	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
29	Apodemia mormo in Canada: population genetic data support prior conservation ranking. Journal of Insect Conservation, 2013, 17, 155-170.	1.4	7
30	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
31	QTL mapping for sexually dimorphic fitness-related traits in wild bighorn sheep. Heredity, 2012, 108, 256-263.	2.6	33
32	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
33	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
34	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
35	Spatial genetic structure of the mountain pine beetle (<i>Dendroctonus ponderosae</i>) outbreak in western Canada: historical patterns and contemporary dispersal. Molecular Ecology, 2012, 21, 2931-2948.	3.9	53
36	Mountain pine beetle host-range expansion threatens the boreal forest. Molecular Ecology, 2011, 20, 2157-2171.	3.9	278

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37	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
38	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
39	A phylogenetic investigation of Carthamus combining sequence and microsatellite data. Plant Systematics and Evolution, 2010, 287, 85-97.	0.9	26
40	Isolation and characterization of nine polymorphic microsatellite loci in the northern crayfish (Orconectes virilis). Conservation Genetics Resources, 2010, 2, 235-237.	0.8	4
41	History and fate of a small isolated population of Weddell seals at White Island, Antarctica. Conservation Genetics, 2010, 11, 721-735.	1.5	20
42	Genetic linkage map of a wild genome: genomic structure, recombination and sexual dimorphism in bighorn sheep. BMC Genomics, 2010, 11, 524.	2.8	38
43	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
44	Isolation and characterization of microsatellite loci for the collared pika (<i>Ochotona collaris</i>) and their crossâ€amplification in five other <i>Ochotona</i> species. Molecular Ecology Resources, 2009, 9, 867-871.	4.8	7
45	Isolation and characterization of polymorphic microsatellite loci in muskrat, <i>Ondatra zibethicus</i> . Molecular Ecology Resources, 2009, 9, 654-657.	4.8	6
46	Genomeâ€wide crossâ€amplification of domestic sheep microsatellites in bighorn sheep and mountain goats. Molecular Ecology Resources, 2009, 9, 1121-1126.	4.8	24
47	Isolation and characterization of 16 microsatellite loci in the mountain pine beetle, <i>Dendroctonus ponderosae</i> Hopkins (Coleoptera: Curculionidae: Scolytinae). Molecular Ecology Resources, 2009, 9, 1071-1073.	4.8	12
48	Population structure of iceâ€breeding seals. Molecular Ecology, 2008, 17, 3078-3094.	3.9	55
49	Social structure and facultative mating systems of hoary marmots (Marmota caligata). Molecular Ecology, 2007, 16, 1245-1255.	3.9	20
50	Panmictic population structure in the hooded seal (Cystophora cristata). Molecular Ecology, 2007, 16, 1639-1648.	3.9	50
51	Molecular cryptozoology meets the Sasquatch. Trends in Ecology and Evolution, 2006, 21, 60-61.	8.7	4
52	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
53	Isolation and characterization of microsatellite markers in hoary marmots (Marmota caligata). Molecular Ecology Notes, 2004, 4, 749-751.	1.7	14
54	A phylogeny of the extant Phocidae inferred from complete mitochondrial DNA coding regions. Molecular Phylogenetics and Evolution, 2004, 33, 363-377.	2.7	61

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55	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
56	Dinucleotide microsatellite markers from the Antarctic seals and their use in other Pinnipeds. Molecular Ecology Notes, 2002, 2, 203-208.	1.7	49
57	MOLECULAR EVIDENCE FOR TWINNING IN WEDDELL SEALS (LEPTONYCHOTES WEDDELLII). Journal of Mammalogy, 2001, 82, 491-499.	1.3	27
58	Characterization of microsatellite loci in Spix's disk-winged bats (Thyroptera tricolor). Molecular Ecology Notes, 2001, 1, 73-75.	1.7	8
59	Characterization of microsatellite loci in bannertailed and giant kangaroo rats, Dipodomys spectabilis and Dipodomys ingens. Molecular Ecology, 2000, 9, 642-644.	3.9	16
60	Characterization of microsatellite loci in northern flying squirrels (Glaucomys sabrinus). Molecular Ecology, 2000, 9, 826-827.	3.9	17
61	Microsatellite analysis of North American pine marten (<i>Martes americana</i>) populations from the Yukon and Northwest Territories. Canadian Journal of Zoology, 2000, 78, 1150-1157.	1.0	23
62	Isolation, variability, and crossâ€ s pecies amplification of polymorphic microsatellite loci in the family Mustelidae. Molecular Ecology, 1998, 7, 1776-1778.	3.9	143
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