John Wenburg

List of Publications by Year
in descending order

41 papers	3,228 citations	394421 19 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	3885 citing authors

#	Article	IF	Citations
1	The problems with hybrids: setting conservation guidelines. Trends in Ecology and Evolution, 2001, 16, 613-622.	8.7	1,454
2	Rapid Evolution of Reproductive Isolation in the Wild: Evidence from Introduced Salmon. Science, 2000, 290, 516-518.	12.6	477
3	Genomics in Conservation: Case Studies and Bridging the Gap between Data and Application. Trends in Ecology and Evolution, 2016, 31, 81-83.	8.7	173
4	Development of a Standardized DNA Database for Chinook Salmon. Fisheries, 2007, 32, 540-552.	0.8	162
5	Adaptive variation in senescence: reproductive lifespan in a wild salmon population. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 259-266.	2.6	103
6	Microsatellite analysis of genetic population structure in an endangered salmonid: the coastal cutthroat trout (Oncorhynchus clarki clarki). Molecular Ecology, 1998, 7, 733-749.	3.9	90
7	Genetic variation and effective population size in isolated populations of coastal cutthroat trout. Conservation Genetics, 2010, 11, 1929-1943.	1.5	79
8	Potential of Environmental DNA to Evaluate Northern Pike (Esox lucius) Eradication Efforts: An Experimental Test and Case Study. PLoS ONE, 2016, 11, e0162277.	2.5	73
9	Evidence of partial anadromy and resident-form dispersal bias on a fine scale in populations of Oncorhynchus mykiss. Conservation Genetics, 2006, 7, 613-619.	1.5	58
10	Characterization and inheritance of seven microsatellite loci from Dolly Varden, Salvelinus malma, and cross-species amplification in Arctic char, S. alpinus. Conservation Genetics, 2004, 5, 737-741.	1.5	52
11	Comparative landscape genetic analysis of three Pacific salmon species from subarctic North America. Conservation Genetics, 2011, 12, 223-241.	1.5	47
12	A centralized model for creating shared, standardized, microsatellite data that simplifies inter-laboratory collaboration. Conservation Genetics, 2009, 10, 1145-1149.	1.5	44
13	Genetic differentiation in gill raker number and length in sympatric anadromous and nonanadromous morphs of sockeye salmon, Oncorhynchus nerka. Environmental Biology of Fishes, 1999, 54, 263-274.	1.0	41
14	A Sexâ€Ðetermining Gene (sdY) Assay Shows Discordance between Phenotypic and Genotypic Sex in Wild Populations of Chinook Salmon. Transactions of the American Fisheries Society, 2015, 144, 423-430.	1.4	36
15	The Application of Microsatellites for Stock Identification of Yukon River Chinook Salmon. North American Journal of Fisheries Management, 2008, 28, 283-295.	1.0	34
16	Title is missing!. Conservation Genetics, 2003, 4, 557-569.	1.5	33
17	The influence of hydrographic structure and seasonal run timing on genetic diversity and isolation-by-distance in chum salmon (Oncorhynchus keta). Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2026-2042.	1.4	32
18	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2011â€“30 September 2011. Molecular Ecology Resources, 2012, 12, 185-189.	4.8	32

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19	Differentiation of Dolly Varden Char Salvelinus malma from Asia and North America Inferred from PCR-RFLP Analysis of Mitochondrial DNA. Russian Journal of Genetics, 2005, 41, 501-508.	0.6	21
20	DNA barcoding of eight North American coregonine species. Molecular Ecology Resources, 2008, 8, 1212-1218.	4.8	19
21	Contrasting sex ratios in juvenile and adult chinook salmon Oncorhynchus tshawytscha (Walbaum) from south-west Alaska: sex reversal or differential survival?. Journal of Fish Biology, 2006, 69, 140-144.	1.6	18
22	The influence of hydrology and waterway distance on population structure of Chinook salmon Oncorhynchus tshawytscha in a large river. Journal of Fish Biology, 2010, 76, 1128-1148.	1.6	18
23	Mixedâ€Stock Analysis of Yukon River Chum Salmon: Application and Validation in a Complex Fishery. North American Journal of Fisheries Management, 2010, 30, 1324-1338.	1.0	16
24	Ecological release leads to novel ontogenetic diet shift in kokanee (Oncorhynchus nerka). Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 1718-1730.	1.4	13
25	Accurate recapture identification for genetic markâ€“recapture studies with error-tolerant likelihood-based match calling and sample clustering. Royal Society Open Science, 2016, 3, 160457.	2.4	13
26	Variation of Amplified Fragment Length Polymorphisms in Yukon River Chum Salmon: Population Structure and Application to Mixed-Stock Analysis. Transactions of the American Fisheries Society, 2007, 136, 911-925.	1.4	10
27	Microsatellite Analysis of Population Structure in Alaska Eulachon with Application to Mixed-Stock Analysis. Transactions of the American Fisheries Society, 2013, 142, 1036-1048.	1.4	10
28	Guidelines for MSAT and SNP panels that lead to high-quality data for genetic markâ€“recapture studies. Canadian Journal of Zoology, 2014, 92, 515-526.	1.0	9
29	An evaluation of target specificity and sensitivity of three qPCR assays for detecting environmental DNA from Northern Pike (Esox lucius). Conservation Genetics Resources, 2015, 7, 615-617.	0.8	9
30	Variation in the Population Structure of Yukon River Chum and Coho Salmon: Evaluating the Potential Impact of Localized Habitat Degradation. Transactions of the American Fisheries Society, 2004, 133, 476-483.	1.4	7
31	Comparison of Radiotelemetry and Microsatellites for Determining the Origin of Yukon River Chinook Salmon. North American Journal of Fisheries Management, 2012, 32, 720-730.	1.0	7
32	Panmixia in a sea ice-associated marine mammal: evaluating genetic structure of the Pacific walrus (Odobenus rosmarus divergens) at multiple spatial scales. Journal of Mammalogy, 2020, 101, 755-765.	1.3	7
33	Characterization of eight microsatellite loci in Sea Otter, EnhydraÂlutris, and cross-species amplification in other Mustelidae. Conservation Genetics, 2009, 10, 775-777.	1.5	6
34	Genetic diversity and divergence in the fountain darter (Etheostoma fonticola): implications for conservation of an endangered species. Conservation Genetics, 2016, 17, 1393-1404.	1.5	5
35	Evolution of Mitochondrial DNA Variation within and among Yukon River Chum Salmon Populations. Transactions of the American Fisheries Society, 2007, 136, 902-910.	1.4	4
36	Comment on Haig etÂal. (): the conservation genetics juggling act: integrating genetics and ecology, science and policy. Evolutionary Applications, 2016, 9, 635-637.	3.1	3

#	Article	IF	Citations
37	A little SNP of this, a little SNP of that: The discovery of 116 single nucleotide polymorphism markers to enable the rapid identification of individual Pacific walrus (Odobenus rosmarus divergens). Conservation Genetics Resources, 2020, 12, 555-565.	0.8	3
38	Data Archiving. Journal of Fish and Wildlife Management, 2011, 2, 1-2.	0.9	3
39	Origin and Genetic Diversity of Lake Trout in the Togiak National Wildlife Refuge, Alaska. Journal of Fish and Wildlife Management, 2015, 6, 130-144.	0.9	2
40	The Time of Origin and Genetic Diversity of Three Isolated Kokanee Populations in Southwest Alaska. Transactions of the American Fisheries Society, 2017, 146, 1212-1222.	1.4	0
41	Contemporary factors influencing genetic diversity in the Alaska humpback whitefish Coregonus clupeaformis complex. Journal of Fish Biology, 2018, 92, 1065-1081.	1.6	0