Lorenz Hauser

List of Publications by Year
in descending order

58	2,524	279798	206112
papers	citations	23 h-index	48 g-index

59	59	59	3303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic structure and dispersal in peripheral populations of a marine fish (Pacific cod, Gadus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2022, 12, e8474.	1.9	7
2	Growth patterns of larval walleye pollock Gadus chalcogrammus from core and peripheral habitat differ in response to temperature. Deep-Sea Research Part II: Topical Studies in Oceanography, 2022, 199, 105083.	1.4	4
3	Generation of a chromosomeâ€level genome assembly for Pacific halibut (Hippoglossus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Resources, 2022, 22, 2685-2700.	4.8	15
4	Functional genetic diversity in an exploited marine species and its relevance to fisheries management. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202398.	2.6	22
5	Hierarchical genetic structure in an evolving species complex: Insights from genome wide ddRAD data in Sebastes mentella. PLoS ONE, 2021, 16, e0251976.	2.5	5
6	Evidence for selection and spatially distinct patterns found in a putative zona pellucida gene in Pacific cod, and implications for management. Ecology and Evolution, 2021, 11, 16661-16679.	1.9	3
7	Genetic evidence of a northward range expansion in the eastern Bering Sea stock of Pacific cod. Evolutionary Applications, 2020, 13, 362-375.	3.1	55
8	Power of a dualâ€use SNP panel for pedigree reconstruction and population assignment. Ecology and Evolution, 2020, 10, 9522-9531.	1.9	15
9	Confirmation of the shell-boring oyster parasite Polydora websteri (Polychaeta: Spionidae) in Washington State, USA. Scientific Reports, 2020, 10, 3961.	3.3	25
10	Intraspecific DNA contamination distorts subtle population structure in a marine fish: Decontamination of herring samples before restrictionâ€site associated sequencing and its effects on population genetic statistics. Molecular Ecology Resources, 2019, 19, 1131-1143.	4.8	11
11	Inferring genetic connectivity in real populations, exemplified by coastal and oceanic Atlantic cod. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4945-4950.	7.1	12
12	Identification of Genomic Regions Associated With Sex in Pacific Halibut. Journal of Heredity, 2018, 109, 326-332.	2.4	23
13	Population assignment and local adaptation along an isolationâ€byâ€distance gradient in Pacific cod (Gadus macrocephalus). Evolutionary Applications, 2018, 11, 1448-1464.	3.1	45
14	Introgression among three rockfish species (Sebastes spp.) in the Salish Sea, northeast Pacific Ocean. PLoS ONE, 2018, 13, e0194068.	2.5	6
15	Cryptic Sebastes norvegicus species in Greenland waters revealed by microsatellites. ICES Journal of Marine Science, 2017, 74, 2148-2158.	2.5	10
16	Genetic population structure in Greenland halibut (Reinhardtius hippoglossoides) and its relevance to fishery management. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 475-485.	1.4	15
17	Modeling local adaptation and gene flow in sockeye salmon. Ecosphere, 2017, 8, e02039.	2.2	6
18	Genetic Differentiation, Isolation-by-Distance, and Metapopulation Dynamics of the Arizona Treefrog (Hyla wrightorum) in an Isolated Portion of Its Range. PLoS ONE, 2016, 11, e0160655.	2.5	21

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19	Exploratory behavior of dispersers within a metapopulation of sockeye salmon. Behavioral Ecology, 2016, 27, 126-133.	2.2	9
20	Variance in age-specific sex composition of Pacific halibut catches, and comparison of statistical and genetic methods for reconstructing sex ratios. Journal of Sea Research, 2016, 107, 90-99.	1.6	6
21	Hybridization between Yellowstone Cutthroat Trout and Rainbow Trout Alters the Expression of Muscle Growth-Related Genes and Their Relationships with Growth Patterns. PLoS ONE, 2015, 10, e0141373.	2.5	5
22	Oceanography and life history predict contrasting genetic population structure in two <scp>A</scp>ntarctic fish species. Evolutionary Applications, 2015, 8, 486-509.	3.1	46
23	Seascape genetics of saithe (Pollachius virens) across the North Atlantic using single nucleotide polymorphisms. ICES Journal of Marine Science, 2015, 72, 2732-2741.	2.5	16
24	Local adaptation limits lifetime reproductive success of dispersers in a wild salmon metapopulation. Nature Communications, 2014, 5, 3696.	12.8	66
25	The status of sandy beach science: Past trends, progress, and possible futures. Estuarine, Coastal and Shelf Science, 2014, 150, 1-10.	2.1	97
26	Demographic history, marker variability and genetic differentiation in sandy beach fauna: What is the meaning of low FST's?. Estuarine, Coastal and Shelf Science, 2014, 150, 120-124.	2.1	6
27	Effects of urbanization on Song Sparrow (Melospiza melodia) population connectivity. Conservation Genetics, 2013, 14, 41-53.	1.5	33
28	Effects of species biology on the historical demography of sharks and their implications for likely consequences of contemporary climate change. Conservation Genetics, 2013, 14, 125-144.	1.5	30
29	Estimation of genotyping error rate from repeat genotyping, unintentional recaptures and known parentâ€“offspring comparisons in 16 microsatellite loci for brown rockfish (Sebastes) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50		
30	Development of Genomic Resources for Pacific Herring through Targeted Transcriptome Pyrosequencing. PLoS ONE, 2012, 7, e30908.	2.5	22
31	High Potential for Using DNA from Ancient Herring Bones to Inform Modern Fisheries Management and Conservation. PLoS ONE, 2012, 7, e51122.	2.5	47
32	Temporal and Geographic Genetic Divergence: Characterizing Sockeye Salmon Populations in the Chignik Watershed, Alaska, Using Singleâ€Nucleotide Polymorphisms. Transactions of the American Fisheries Society, 2011, 140, 749-762.	1.4	26
33	An empirical comparison of SNPs and microsatellites for parentage and kinship assignment in a wild sockeye salmon (Oncorhynchus nerka) population. Molecular Ecology Resources, 2011, 11, 150-161.	4.8	166
34	Self-sustaining populations, population sinks or aggregates of strays: chum (Oncorhynchus keta) and Chinook salmon (Oncorhynchus tshawytscha) in the Wood River system, Alaska. Molecular Ecology, 2011, 20, 4925-4937.	3.9	8
35	Genetic Sex Identification and the Potential Evolution of Sex Determination in Pacific Halibut (Hippoglossus stenolepis). Marine Biotechnology, 2011, 13, 1027-1037.	2.4	32
36	Multiple ice-age refugia in Pacific cod, Gadus macrocephalus. Molecular Ecology, 2010, 19, 4339-4351.	3.9	74

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37	Molecular detection of Hematodinium sp. in Northeast Pacific Chionoecetes spp. and evidence of two species in the Northern Hemisphere. Diseases of Aquatic Organisms, 2010, 89, 155-166.	1.0	34
38	GENETIC POPULATION STRUCTURE OF PSEUDOâ€NITZSCHIA PUNGENS (BACILLARIOPHYCEAE) FROM THE PACIFIC NORTHWEST AND THE NORTH SEA¹. Journal of Phycology, 2009, 45, 1037-1045.	2.3	23
39	Genetic isolation by distance and localized fjord population structure in Pacific cod (Gadus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 Fisheries and Aquatic Sciences, 2009, 66, 153-166.	1.4	86
40	Sperm contamination in archived and contemporary herring samples. Molecular Ecology Resources, 2008, 8, 50-55.	4.8	5
41	Paradigm shifts in marine fisheries genetics: ugly hypotheses slain by beautiful facts. Fish and Fisheries, 2008, 9, 333-362.	5.3	492
42	Advances in molecular technology and their impact on fisheries genetics. Fish and Fisheries, 2008, 9, 473-486.	5.3	89
43	The Hybrid SoleInopsetta ischyra(Teleostei: Pleuronectiformes: Pleuronectidae): Hybrid or Biological Species?. Transactions of the American Fisheries Society, 2007, 136, 460-468.	1.4	11
44	Association between Growth andPan I*Genotype within Atlantic Cod Full-Sibling Families. Transactions of the American Fisheries Society, 2006, 135, 241-250.	1.4	33
45	Heterogeneous evolution of microsatellites revealed by reconstruction of recent mutation history in an invasive apomictic snail, Potamopyrgus antipodarum. Genetica, 2006, 127, 285-293.	1.1	11
46	Genetic structure of black abalone (Haliotis cracherodii) populations in the California islands and central California coast: Impacts of larval dispersal and decimation from withering syndrome. Journal of Experimental Marine Biology and Ecology, 2006, 331, 173-185.	1.5	37
47	Microsatellite markers for the whelk Buccinum undatum. Molecular Ecology Notes, 2005, 5, 361-362.	1.7	16
48	Development and characterization of novel di- and tetranucleotide microsatellite markers in Pacific cod (Gadus macrocephalus). Molecular Ecology Notes, 2005, 5, 908-910.	1.7	18
49	The Course of Anticardiolipin Antibody Levels Under Immunoadsorption Therapy. American Journal of Kidney Diseases, 2005, 46, 446-454.	1.9	15
50	Genetic differentiation in walleye pollock (Theragra chalcogramma) in response to selection at the pantophysin (PanI) locus. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 2519-2529.	1.4	31
51	ALLOZYME AND AFLP ANALYSES OF GENETIC POPULATION STRUCTURE IN THE HAIRY EDIBLE CRAB CANCER SETOSUS FROM THE CHILEAN COAST. Journal of Crustacean Biology, 2003, 23, 486-494.	0.8	4
52	Allozyme and AFLP Analyses of Genetic Population Structure in the Hairy Edible Crab Cancer Setosus from the Chilean Coast. Journal of Crustacean Biology, 2003, 23, 486-494.	0.8	13
53	Loss of microsatellite diversity and low effective population size in an overexploited population of New Zealand snapper (Pagrus auratus). Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11742-11747.	7.1	441
54	Reconstruction of Microsatellite Mutation History Reveals a Strong and Consistent Deletion Bias in Invasive Clonal Snails, Potamopyrgus antipodarum. Genetics, 2002, 162, 813-822.	2.9	34

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55	Molecular markers and the species concept: New techniques to resolve old disputes?. Reviews in Fish Biology and Fisheries, 1999, 9, 379-382.	4.9	14
56	Advances in the molecular analysis of fish population structure. Italian Journal of Zoology, 1998, 65, 21-33.	0.6	74
57	Artificial introductions, evolutionary change and population differentiation in Trinidadian guppies (Poecilia reticulata: Poeciliidae). Biological Journal of the Linnean Society, 1996, 57, 219-234.	1.6	37
58	Phenological diversity of a prey species supports life-stage specific foraging opportunity for a mobile consumer. ICES Journal of Marine Science, 0, , .	2.5	2