

Lorenz Hauser

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,524
citations

279798

23
h-index

206112

48
g-index

59
all docs

59
docs citations

59
times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
1	Paradigm shifts in marine fisheries genetics: ugly hypotheses slain by beautiful facts. <i>Fish and Fisheries</i> , 2008, 9, 333-362.	5.3	492
2	Loss of microsatellite diversity and low effective population size in an overexploited population of New Zealand snapper (<i>Pagrus auratus</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11742-11747.	7.1	441
3	An empirical comparison of SNPs and microsatellites for parentage and kinship assignment in a wild sockeye salmon (<i>Oncorhynchus nerka</i>) population. <i>Molecular Ecology Resources</i> , 2011, 11, 150-161.	4.8	166
4	The status of sandy beach science: Past trends, progress, and possible futures. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 150, 1-10.	2.1	97
5	Advances in molecular technology and their impact on fisheries genetics. <i>Fish and Fisheries</i> , 2008, 9, 473-486.	5.3	89
6	Genetic isolation by distance and localized fjord population structure in Pacific cod (<i>Gadus macrocephalus</i>). <i>Fisheries and Aquatic Sciences</i> , 2009, 66, 153-166.	1.4	86
7	Advances in the molecular analysis of fish population structure. <i>Italian Journal of Zoology</i> , 1998, 65, 21-33.	0.6	74
8	Multiple ice-age refugia in Pacific cod, <i>Gadus macrocephalus</i> . <i>Molecular Ecology</i> , 2010, 19, 4339-4351.	3.9	74
9	Local adaptation limits lifetime reproductive success of dispersers in a wild salmon metapopulation. <i>Nature Communications</i> , 2014, 5, 3696.	12.8	66
10	Genetic evidence of a northward range expansion in the eastern Bering Sea stock of Pacific cod. <i>Evolutionary Applications</i> , 2020, 13, 362-375.	3.1	55
11	High Potential for Using DNA from Ancient Herring Bones to Inform Modern Fisheries Management and Conservation. <i>PLoS ONE</i> , 2012, 7, e51122.	2.5	47
12	Oceanography and life history predict contrasting genetic population structure in two Antarctic fish species. <i>Evolutionary Applications</i> , 2015, 8, 486-509.	3.1	46
13	Population assignment and local adaptation along an isolation-by-distance gradient in Pacific cod (<i>Gadus macrocephalus</i>). <i>Evolutionary Applications</i> , 2018, 11, 1448-1464.	3.1	45
14	Artificial introductions, evolutionary change and population differentiation in Trinidadian guppies (<i>Poecilia reticulata</i> : Poeciliidae). <i>Biological Journal of the Linnean Society</i> , 1996, 57, 219-234.	1.6	37
15	Genetic structure of black abalone (<i>Haliotis cracherodii</i>) populations in the California islands and central California coast: Impacts of larval dispersal and decimation from withering syndrome. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 331, 173-185.	1.5	37
16	Reconstruction of Microsatellite Mutation History Reveals a Strong and Consistent Deletion Bias in Invasive Clonal Snails, <i>Potamopyrgus antipodarum</i> . <i>Genetics</i> , 2002, 162, 813-822.	2.9	34
17	Molecular detection of <i>Hematodinium</i> sp. in Northeast Pacific <i>Chionoecetes</i> spp. and evidence of two species in the Northern Hemisphere. <i>Diseases of Aquatic Organisms</i> , 2010, 89, 155-166.	1.0	34
18	Association between Growth and Pan I*Genotype within Atlantic Cod Full-Sibling Families. <i>Transactions of the American Fisheries Society</i> , 2006, 135, 241-250.	1.4	33

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19	Effects of urbanization on Song Sparrow (<i>Melospiza melodia</i>) population connectivity. <i>Conservation Genetics</i> , 2013, 14, 41-53.	1.5	33
20	Genetic Sex Identification and the Potential Evolution of Sex Determination in Pacific Halibut (<i>Hippoglossus stenolepis</i>). <i>Marine Biotechnology</i> , 2011, 13, 1027-1037.	2.4	32
21	Genetic differentiation in walleye pollock (<i>Theragra chalcogramma</i>) in response to selection at the pantophysin (<i>Panl</i>) locus. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 2519-2529.	1.4	31
22	Effects of species biology on the historical demography of sharks and their implications for likely consequences of contemporary climate change. <i>Conservation Genetics</i> , 2013, 14, 125-144.	1.5	30
23	Temporal and Geographic Genetic Divergence: Characterizing Sockeye Salmon Populations in the Chignik Watershed, Alaska, Using Single Nucleotide Polymorphisms. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 749-762.	1.4	26
24	Confirmation of the shell-boring oyster parasite <i>Polydora websteri</i> (Polychaeta: Spionidae) in Washington State, USA. <i>Scientific Reports</i> , 2020, 10, 3961.	3.3	25
25	GENETIC POPULATION STRUCTURE OF <i>PSEUDONITZSCHIA PUNGENS</i> (BACILLARIOPHYCEAE) FROM THE PACIFIC NORTHWEST AND THE NORTH SEA. <i>Journal of Phycology</i> , 2009, 45, 1037-1045.	2.3	23
26	Identification of Genomic Regions Associated With Sex in Pacific Halibut. <i>Journal of Heredity</i> , 2018, 109, 326-332.	2.4	23
27	Functional genetic diversity in an exploited marine species and its relevance to fisheries management. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202398.	2.6	22
28	Development of Genomic Resources for Pacific Herring through Targeted Transcriptome Pyrosequencing. <i>PLoS ONE</i> , 2012, 7, e30908.	2.5	22
29	Genetic Differentiation, Isolation-by-Distance, and Metapopulation Dynamics of the Arizona Treefrog (<i>Hyla wrightorum</i>) in an Isolated Portion of Its Range. <i>PLoS ONE</i> , 2016, 11, e0160655.	2.5	21
30	Development and characterization of novel di- and tetranucleotide microsatellite markers in Pacific cod (<i>Gadus macrocephalus</i>). <i>Molecular Ecology Notes</i> , 2005, 5, 908-910.	1.7	18
31	Microsatellite markers for the whelk <i>Buccinum undatum</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 361-362.	1.7	16
32	Seascape genetics of saithe (<i>Pollachius virens</i>) across the North Atlantic using single nucleotide polymorphisms. <i>ICES Journal of Marine Science</i> , 2015, 72, 2732-2741.	2.5	16
33	The Course of Anticardiolipin Antibody Levels Under Immunoabsorption Therapy. <i>American Journal of Kidney Diseases</i> , 2005, 46, 446-454.	1.9	15
34	Genetic population structure in Greenland halibut (<i>Reinhardtius hippoglossoides</i>) and its relevance to fishery management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 475-485.	1.4	15
35	Power of a dual-use SNP panel for pedigree reconstruction and population assignment. <i>Ecology and Evolution</i> , 2020, 10, 9522-9531.	1.9	15
36	Generation of a chromosome-level genome assembly for Pacific halibut (<i>Hippoglossus</i>). <i>Genome Biology and Evolution</i> , 2022, 22, 2685-2700.	4.8	15

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37	Molecular markers and the species concept: New techniques to resolve old disputes?. <i>Reviews in Fish Biology and Fisheries</i> , 1999, 9, 379-382.	4.9	14
38	Allozyme and AFLP Analyses of Genetic Population Structure in the Hairy Edible Crab <i>Cancer Setosus</i> from the Chilean Coast. <i>Journal of Crustacean Biology</i> , 2003, 23, 486-494.	0.8	13
39	Estimation of genotyping error rate from repeat genotyping, unintentional recaptures and known parent-offspring comparisons in 16 microsatellite loci for brown rockfish (<i>Sebastes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.9	7
40	Inferring genetic connectivity in real populations, exemplified by coastal and oceanic Atlantic cod. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4945-4950.	7.1	12
41	Heterogeneous evolution of microsatellites revealed by reconstruction of recent mutation history in an invasive apomictic snail, <i>Potamopyrgus antipodarum</i> . <i>Genetica</i> , 2006, 127, 285-293.	1.1	11
42	The Hybrid Sole <i>Inopsetta ischyra</i> (Teleostei: Pleuronectiformes: Pleuronectidae): Hybrid or Biological Species?. <i>Transactions of the American Fisheries Society</i> , 2007, 136, 460-468.	1.4	11
43	Intraspecific DNA contamination distorts subtle population structure in a marine fish: Decontamination of herring samples before restriction site associated sequencing and its effects on population genetic statistics. <i>Molecular Ecology Resources</i> , 2019, 19, 1131-1143.	4.8	11
44	Cryptic <i>Sebastes norvegicus</i> species in Greenland waters revealed by microsatellites. <i>ICES Journal of Marine Science</i> , 2017, 74, 2148-2158.	2.5	10
45	Exploratory behavior of dispersers within a metapopulation of sockeye salmon. <i>Behavioral Ecology</i> , 2016, 27, 126-133.	2.2	9
46	Self-sustaining populations, population sinks or aggregates of strays: chum (<i>Oncorhynchus keta</i>) and Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in the Wood River system, Alaska. <i>Molecular Ecology</i> , 2011, 20, 4925-4937.	3.9	8
47	Genetic structure and dispersal in peripheral populations of a marine fish (Pacific cod, <i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2022, 12, e8474.	1.9	7
48	Demographic history, marker variability and genetic differentiation in sandy beach fauna: What is the meaning of low F_{ST} 's?. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 150, 120-124.	2.1	6
49	Variance in age-specific sex composition of Pacific halibut catches, and comparison of statistical and genetic methods for reconstructing sex ratios. <i>Journal of Sea Research</i> , 2016, 107, 90-99.	1.6	6
50	Modeling local adaptation and gene flow in sockeye salmon. <i>Ecosphere</i> , 2017, 8, e02039.	2.2	6
51	Introgression among three rockfish species (<i>Sebastes</i> spp.) in the Salish Sea, northeast Pacific Ocean. <i>PLoS ONE</i> , 2018, 13, e0194068.	2.5	6
52	Sperm contamination in archived and contemporary herring samples. <i>Molecular Ecology Resources</i> , 2008, 8, 50-55.	4.8	5
53	Hybridization between Yellowstone Cutthroat Trout and Rainbow Trout Alters the Expression of Muscle Growth-Related Genes and Their Relationships with Growth Patterns. <i>PLoS ONE</i> , 2015, 10, e0141373.	2.5	5
54	Hierarchical genetic structure in an evolving species complex: Insights from genome wide ddRAD data in <i>Sebastes mentella</i> . <i>PLoS ONE</i> , 2021, 16, e0251976.	2.5	5

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55	ALLOZYME AND AFLP ANALYSES OF GENETIC POPULATION STRUCTURE IN THE HAIRY EDIBLE CRAB <i>CANCER SETOSUS</i> FROM THE CHILEAN COAST. <i>Journal of Crustacean Biology</i> , 2003, 23, 486-494.	0.8	4
56	Growth patterns of larval walleye pollock <i>Gadus chalcogrammus</i> from core and peripheral habitat differ in response to temperature. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 199, 105083.	1.4	4
57	Evidence for selection and spatially distinct patterns found in a putative <i>zona pellucida</i> gene in Pacific cod, and implications for management. <i>Ecology and Evolution</i> , 2021, 11, 16661-16679.	1.9	3
58	Phenological diversity of a prey species supports life-stage specific foraging opportunity for a mobile consumer. <i>ICES Journal of Marine Science</i> , 0, , .	2.5	2