Kim Praebel

List of Publications by Year
in descending order

74 papers	1,716 citations	304743 22 h-index	361022 35 g-index
85 all docs	85 docs citations	85 times ranked	2014 citing authors

#	Article	IF	Citations
1	Ecological speciation in postglacial <scp>E</scp>uropean whitefish: rapid adaptive radiations into the littoral, pelagic, and profundal lake habitats. Ecology and Evolution, 2013, 3, 4970-4986.	1.9	117
2	Space-time dynamics in monitoring neotropical fish communities using eDNA metabarcoding. Science of the Total Environment, 2021, 754, 142096.	8.0	82
3	From metabarcoding to metaphylogeography: separating the wheat from the chaff. Ecological Applications, 2020, 30, e02036.	3.8	80
4	Facultative semelparity in capelin Mallotus villosus (Osmeridae)-an experimental test of a life history phenomenon in a sub-arctic fish. Journal of Experimental Marine Biology and Ecology, 2008, 360, 47-55.	1.5	59
5	From clear lakes to murky waters â€“ tracing the functional response of highâ€latitude lake communities to concurrent â€˜greeningâ€™ and â€˜browningâ€™. Ecology Letters, 2019, 22, 807-816.	6.4	58
6	Genome-resolved metagenomics suggests a mutualistic relationship between Mycoplasma and salmonid hosts. Communications Biology, 2021, 4, 579.	4.4	55
7	Parallel and nonâ€parallel morphological divergence among foraging specialists in European whitefish (Coregonus lavaretus). Ecology and Evolution, 2013, 3, 1590-1602.	1.9	48
8	Shared ancestral polymorphisms and chromosomal rearrangements as potential drivers of local adaptation in a marine fish. Molecular Ecology, 2020, 29, 2379-2398.	3.9	48
9	Environmental DNA: A New Low-Cost Monitoring Tool for Pathogens in Salmonid Aquaculture. Frontiers in Microbiology, 2018, 9, 3009.	3.5	47
10	Speciation Reversal in European Whitefish (Coregonus lavaretus (L.)) Caused by Competitor Invasion. PLoS ONE, 2014, 9, e91208.	2.5	46
11	Discrete foraging niches promote ecological, phenotypic, and genetic divergence in sympatric whitefish (Coregonus lavaretus). Evolutionary Ecology, 2013, 27, 547-564.	1.2	43
12	Invader population speeds up life history during colonization. Biological Invasions, 2012, 14, 1501-1513.	2.4	40
13	Polygenic selection drives the evolution of convergent transcriptomic landscapes across continents within a Nearctic sister species complex. Molecular Ecology, 2019, 28, 4388-4403.	3.9	38
14	Greenland Shark (Somniosus microcephalus) Stomach Contents and Stable Isotope Values Reveal an Ontogenetic Dietary Shift. Frontiers in Marine Science, 2019, 6, .	2.5	38
15	Swimming energetics of the Barents Sea capelin (Mallotus villosus) during the spawning migration period. Journal of Experimental Marine Biology and Ecology, 2006, 331, 208-216.	1.5	36
16	Metabarcoding as a quantitative tool for estimating biodiversity and relative biomass of marine zooplankton. ICES Journal of Marine Science, 2021, 78, 3342-3355.	2.5	33
17	Diversifying selection drives parallel evolution of gill raker number and body size along the speciation continuum of European whitefish. Ecology and Evolution, 2018, 8, 2617-2631.	1.9	32
18	Interactions between invading benthivorous fish and native whitefish in subarctic lakes. Freshwater Biology, 2013, 58, 1234-1250.	2.4	31

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19	Boreal marine fauna from the Barents Sea disperse to Arctic Northeast Greenland. Scientific Reports, 2019, 9, 5799.	3.3	31
20	Anthropogenic hybridization between endangered migratory and commercially harvested stationary whitefish taxa (<scp>C</scp>oregonus spp.). Evolutionary Applications, 2014, 7, 1068-1083.	3.1	30
21	Novel biodiversity baselines outpace models of fish distribution in Arctic waters. Die Naturwissenschaften, 2016, 103, 8.	1.6	30
22	Circumpolar genetic population structure of capelin Mallotus villosus. Marine Ecology - Progress Series, 2008, 360, 189-199.	1.9	30
23	Parallelism in the oxygen transport system of the lake whitefish: the role of physiological divergence in ecological speciation. Molecular Ecology, 2012, 21, 4038-4050.	3.9	29
24	Settling-depth vs. genotype and size vs. genotype correlations at the Pan I locus in 0-group Atlantic cod Gadus morhuaÂ. Marine Ecology - Progress Series, 2012, 468, 267-278.	1.9	29
25	DNA Metabarcoding of Deep-Sea Sediment Communities Using COI: Community Assessment, Spatio-Temporal Patterns and Comparison with 18S rDNA. Diversity, 2020, 12, 123.	1.7	25
26	Terrestrial Inputs Shape Coastal Bacterial and Archaeal Communities in a High Arctic Fjord (Isfjorden,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	25
27	Invasion genetics of vendace (<scp>C</scp>oregonus albula (<scp>L</scp>.)) in the <scp>I</scp>nariâ€<scp>P</scp>asvik watercourse: revealing the origin and expansion pattern of a rapid colonization event. Ecology and Evolution, 2013, 3, 1400-1412.	1.9	24
28	Advancing Research for the Management of Long-Lived Species: A Case Study on the Greenland Shark. Frontiers in Marine Science, 2019, 6, .	2.5	24
29	More Than Expected From Old Sponge Samples: A Natural Sampler DNA Metabarcoding Assessment of Marine Fish Diversity in Nha Trang Bay (Vietnam). Frontiers in Marine Science, 2020, 7, .	2.5	24
30	The presence and quantification of splenic ice in the McMurdo Sound Notothenioid fish, Pagothenia borchgrevinki (Boulenger, 1902). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 564-569.	1.8	23
31	Allometric trajectories of body and head morphology in three sympatric Arctic charr (Salvelinus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	22
32	Homing behaviour of Atlantic salmon (Salmo salar) during final phase of marine migration and river entry. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 794-802.	1.4	21
33	Population genetic analysis of Euro-Arctic polar cod Boreogadus saida suggests fjord and oceanic structuring. Polar Biology, 2016, 39, 969-980.	1.2	20
34	Genetic fingerprinting of salmon louse (Lepeophtheirus salmonis) populations in the North-East Atlantic using a random forest classification approach. Scientific Reports, 2018, 8, 1203.	3.3	20
35	â€œAndif you gaze long into an abyss, the abyss gazes also into theeâ€• four morphs of Arctic charr adapting to a depth gradient in Lake TinnsjÃ¸en. Evolutionary Applications, 2020, 13, 1240-1261.	3.1	20
36	Estimation of digestion rates for herring Clupea harengus L. feeding on fish larvae. Journal of Fish Biology, 2007, 70, 638-643.	1.6	18

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37	Circumpolar genetic population structure of polar cod, Boreogadus saida. Polar Biology, 2020, 43, 951-961.	1.2	18
38	Meroplankton Diversity, Seasonality and Life-History Traits Across the Barents Sea Polar Front Revealed by High-Throughput DNA Barcoding. Frontiers in Marine Science, 2021, 8, .	2.5	18
39	Temperature and salinity conditions in a sub-Arctic intertidal spawning habitat for capelin. Marine Biology Research, 2009, 5, 511-514.	0.7	16
40	Ecological speciation in European whitefish is driven by a large-gaped predator. Evolution Letters, 2020, 4, 243-256.	3.3	15
41	Seasonal Variability in the Zooplankton Community Structure in a Sub-Arctic Fjord as Revealed by Morphological and Molecular Approaches. Frontiers in Marine Science, 2021, 8, .	2.5	13
42	A diagnostic tool for efficient analysis of the population structure, hybridization and conservation status of European whitefish (Coregonus lavaretus (L.)) and vendace (C. albula (L.)). Advances in Limnology, 2013, 64, 247-255.	0.4	13
43	Antifreeze activity in the gastrointestinal fluids of Arctogadus glacialis (Peters 1874) is dependent on food type. Journal of Experimental Biology, 2005, 208, 2609-2613.	1.7	12
44	Microsatellite loci for genetic analysis of the arctic gadids Boreogadus saida and Arctogadus glacialis. Conservation Genetics Resources, 2013, 5, 445-448.	0.8	12
45	Inter and intraâ€population phenotypic and genotypic structuring in the European whitefish Coregonus lavaretus, a rare freshwater fish in Scotland. Journal of Fish Biology, 2016, 88, 580-594.	1.6	12
46	Contrasting patterns in trophic niche evolution of polymorphic Arctic charr populations in two subarctic Norwegian lakes. Hydrobiologia, 2019, 840, 281-299.	2.0	12
47	Genetic consequences of allopatric and sympatric divergence in Arctic charr (Salvelinus alpinus (L.)) from FjellfrÃ¸svatn as inferred by microsatellite markers. Hydrobiologia, 2016, 783, 257-267.	2.0	11
48	Thermohaline tolerance and embryonic development in capelin eggs (Mallotus villosus) from the Northeast Atlantic Ocean. Environmental Biology of Fishes, 2013, 96, 753-761.	1.0	10
49	Evolutionary history and adaptive significance of the polymorphic Pan I in migratory and stationary populations of Atlantic cod (Gadus morhua). Marine Genomics, 2015, 22, 45-54.	1.1	10
50	PHENOTYPE-ENVIRONMENT ASSOCIATION OF THE OXYGEN TRANSPORT SYSTEM IN TRIMORPHIC EUROPEAN WHITEFISH (Coregonus lavaretus) POPULATIONS. Evolution; International Journal of Organic Evolution, 2014, 68, n/a-n/a.	2.3	9
51	Temperature-dependent egg production and egg hatching rates of small egg-carrying and broadcast-spawning copepods Oithona similis, Microsetella norvegica and Microcalanus pusillus. Journal of Plankton Research, 2020, 42, 564-580.	1.8	9
52	Genetic population structure and variation at phenologyâ€related loci in anadromous Arctic char (Salvelinus alpinus). Ecology of Freshwater Fish, 2020, 29, 170-183.	1.4	9
53	DNA metabarcoding reveals the importance of gelatinous zooplankton in the diet ofPandalus borealis, a keystone species in the Arctic. Molecular Ecology, 2022, 31, 1562-1576.	3.9	9
54	Fauna crime: elucidating the potential source and introduction history of European smelt (Osmerus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	8

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55	Contrasting levels of strays and contemporary gene flow among anadromous populations of Arctic charr, Salvelinus alpinus (L.), in northern Norway. Hydrobiologia, 2016, 783, 269-281.	2.0	8
56	A brain and a head for a different habitat: Size variation in four morphs of Arctic charr (Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	8
57	A melting pot in the Arctic: Analysis of mitogenome variation in Arctic char (Salvelinus alpinus) reveals a 1000â€km contact zone between highly divergent lineages. Ecology of Freshwater Fish, 2022, 31, 330-346.	1.4	8
58	Using mathematical modelling to investigate the adaptive divergence of whitefish in Fennoscandia. Scientific Reports, 2020, 10, 7394.	3.3	7
59	Distinct genetic clustering in the weakly differentiated polar cod, Boreogadus saida Lepechin, 1774 from East Siberian Sea to Svalbard. Polar Biology, 2021, 44, 1711-1724.	1.2	7
60	Cold tolerance in sealworm (Pseudoterranova decipiens) due to heat-shock adaptations. Parasitology, 2009, 136, 1317-1324.	1.5	6
61	The complete mitochondrial genome of the long-lived Greenland shark (Somniosus microcephalus): characterization and phylogenetic position. Conservation Genetics Resources, 2017, 9, 351-355.	0.8	6
62	On the challenges and opportunities facing fish biology: a discussion of five key knowledge gaps. Journal of Fish Biology, 2018, 92, 690-698.	1.6	6
63	Allochrony as a potential driver for reproductive isolation in adaptive radiations of European whitefish ecomorphs. Ecology of Freshwater Fish, 2020, 29, 40-49.	1.4	6
64	Multiple exposure of the Boreogadus saida from bessel fjord (NE Greenland) to legacy and emerging pollutants. Chemosphere, 2021, 279, 130477.	8.2	6
65	Complex and divergent histories gave rise to genomeâ€wide divergence patterns amongst European whitefish (Coregonus lavaretus). Journal of Evolutionary Biology, 2021, 34, 1954-1969.	1.7	6
66	Monitoring Bacterial Community Dynamics in a Drinking Water Treatment Plant: An Integrative Approach Using Metabarcoding and Microbial Indicators in Large Water Volumes. Water (Switzerland), 2022, 14, 1435.	2.7	6
67	Evaluation of three methods for high throughput extraction of DNA from challenging fish tissues. Conservation Genetics Resources, 2013, 5, 733-735.	0.8	5
68	Single nucleotide polymorphism markers for analysis of historical and contemporary samples of Arctic char (Salvelinus alpinus). Conservation Genetics Resources, 2017, 9, 587-589.	0.8	5
69	DNA metabarcoding unveils niche overlapping and competition among Caribbean sea urchins. Regional Studies in Marine Science, 2020, 40, 101537.	0.7	5
70	Allelic losses and gains during translocations of a high conservation value fish, <scp>Coregonus lavaretus</scp>. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 2575-2585.	2.0	3
71	Geographic hierarchical population genetic structuring in British European whitefish (Coregonus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.5	2
72	Widespread physical mixing of starry ray from differentiated populations and life histories in the North Atlantic. Marine Ecology - Progress Series, 2016, 562, 123-134.	1.9	2

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73	Immunostimulant Bathing Influences the Expression of Immune- and Metabolic-Related Genes in Atlantic Salmon Alevins. Biology, 2021, 10, 980.	2.8	1
74	Allelic Losses and Gains During Translocations of a High Conservation Value Fish, <i>Coregonus lavaretus</i>. SSRN Electronic Journal, 0, , .	0.4	1