

Evelyn Habit

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,257
citations

257450

24
h-index

276875

41
g-index

107
all docs

107
docs citations

107
times ranked

2000
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate control on ancestral population dynamics: insight from Patagonian fish phylogeography. <i>Molecular Ecology</i> , 2008, 17, 2234-2244.	3.9	134
2	Drones and digital photogrammetry: from classifications to continuums for monitoring river habitat and hydromorphology. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1222.	6.5	119
3	Across the southern Andes on fin: glacial refugia, drainage reversals and a secondary contact zone revealed by the phylogeographical signal of <i>Galaxias platei</i> in Patagonia. <i>Molecular Ecology</i> , 2008, 17, 5049-5061.	3.9	117
4	Phylogeography of the Percichthyidae (Pisces) in Patagonia: roles of orogeny, glaciation, and volcanism. <i>Molecular Ecology</i> , 2006, 15, 2949-2968.	3.9	108
5	Downstream environmental effects of dam operations: Changes in habitat quality for native fish species. <i>River Research and Applications</i> , 2011, 27, 312-327.	1.7	107
6	Estado de conocimiento de los peces dulceacuícolas de Chile. <i>Gayana</i> , 2006, 70, 100.	0.1	85
7	Response of the fish community to human-induced changes in the Biobio River in Chile. <i>Freshwater Biology</i> , 2006, 51, 1-11.	2.4	67
8	Surviving historical Patagonian landscapes and climate: molecular insights from <i>Galaxias maculatus</i> . <i>BMC Evolutionary Biology</i> , 2010, 10, 67.	3.2	61
9	Changes in the distribution of native fishes in response to introduced species and other anthropogenic effects. <i>Global Ecology and Biogeography</i> , 2010, 19, 697-710.	5.8	61
10	Impact of ocean barriers, topography, and glaciation on the phylogeography of the catfish <i>Trichomycterus areolatus</i> (Teleostei: Trichomycteridae) in Chile. <i>Biological Journal of the Linnean Society</i> , 0, 97, 876-892.	1.6	59
11	Response of the riverine fish community to the construction and operation of a diversion hydropower plant in central Chile. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2007, 17, 37-49.	2.0	54
12	Native and introduced fish species richness in Chilean Patagonian lakes: inferences on invasion mechanisms using salmonid-free lakes. <i>Diversity and Distributions</i> , 2012, 18, 1153-1165.	4.1	54
13	Not just a migration problem: Metapopulations, habitat shifts, and gene flow are also important for fishway science and management. <i>River Research and Applications</i> , 2019, 35, 1688-1696.	1.7	48
14	PCBs and PBDEs in wild Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in the Northern Patagonia, Chile. <i>Chemosphere</i> , 2010, 78, 1193-1199.	8.2	45
15	Climate-induced changes to the ancestral population size of two Patagonian galaxiids: the influence of glacial cycling. <i>Molecular Ecology</i> , 2011, 20, 5280-5294.	3.9	37
16	Phylogeography of the catfish <i>Hatcheria macraei</i> reveals a negligible role of drainage divides in structuring populations. <i>Molecular Ecology</i> , 2012, 21, 942-959.	3.9	32
17	The effects of diadromy and its loss on genomic divergence: The case of amphidromous <i>Galaxias maculatus</i> populations. <i>Molecular Ecology</i> , 2019, 28, 5217-5231.	3.9	32
18	Examining the influence of human stressors on benthic algae, macroinvertebrate, and fish assemblages in Mediterranean streams of Chile. <i>Science of the Total Environment</i> , 2019, 686, 26-37.	8.0	32

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19	Freshwater fishes of Patagonia: conservation and fisheries. <i>Journal of Fish Biology</i> , 2016, 89, 1068-1097.	1.6	31
20	Phylogeography of the ancient catfish family Diplomystidae: Biogeographic, systematic, and conservation implications. <i>Molecular Phylogenetics and Evolution</i> , 2014, 73, 146-160.	2.7	29
21	Trophic interference by <i>Salmo trutta</i> on <i>Aplochiton zebra</i> and <i>Aplochiton taeniatus</i> in southern Patagonian lakes. <i>Journal of Fish Biology</i> , 2013, 82, 430-443.	1.6	28
22	Fragmentation of Chilean Andean rivers: expected effects of hydropower development. <i>Revista Chilena De Historia Natural</i> , 2019, 92, .	1.2	28
23	The fish Strouhal number as a criterion for hydraulic fishway design. <i>Ecological Engineering</i> , 2017, 103, 118-126.	3.6	27
24	Biogeography, habitat transitions and hybridization in a radiation of South American silverside fishes revealed by mitochondrial and genomic RAD data. <i>Molecular Ecology</i> , 2020, 29, 738-751.	3.9	27
25	Spatio-temporal distribution patterns and conservation of fish assemblages in a Chilean coastal river. <i>Biodiversity and Conservation</i> , 2007, 16, 3179-3191.	2.6	26
26	Emerging conservation initiatives for lampreys: Research challenges and opportunities. <i>Journal of Great Lakes Research</i> , 2021, 47, S690-S703.	1.9	26
27	Echoes of a distant time: effects of historical processes on contemporary genetic patterns in <i>Galaxias platei</i> in Patagonia. <i>Molecular Ecology</i> , 2015, 24, 4112-4128.	3.9	25
28	Human-induced habitat fragmentation effects on connectivity, diversity, and population persistence of an endemic fish, <i>Percilia irwini</i> , in the Biobío River basin (Chile). <i>Evolutionary Applications</i> , 2020, 13, 794-807.	3.1	24
29	Effects of salmonid invasion in rivers and lakes of Chile. <i>Ecosistemas</i> , 2014, 24, 43-51.	0.4	24
30	Habitat enhancement and native fish conservation: can enhancement of channel complexity promote the coexistence of native and introduced fishes?. <i>Environmental Biology of Fishes</i> , 2013, 96, 555-566.	1.0	22
31	Hydropower Development, Riverine Connectivity, and Non-sport Fish Species: criteria for Hydraulic Design of Fishways. <i>River Research and Applications</i> , 2016, 32, 1949-1957.	1.7	22
32	River science and management issues in Chile: Hydropower development and native fish communities. <i>River Research and Applications</i> , 2019, 35, 489-499.	1.7	22
33	Thermoregulation and activity pattern of the high-mountain lizard <i>Phymaturus palluma</i> (Tropiduridae) in Chile. <i>Zoologia</i> , 2010, 27, 13-18.	0.5	20
34	New Insights into the Distribution, Physiology and Life Histories of South American Galaxiid Fishes, and Potential Threats to This Unique Fauna. <i>Diversity</i> , 2020, 12, 178.	1.7	20
35	Relación longitud-peso y factor de condición de los peces nativos del río San Pedro (cuenca del río Tj ETQq1 1 0.784314 rrgBT /Over	0.1	19
36	Past, present, and future of a freshwater fish metapopulation in a threatened landscape. <i>Conservation Biology</i> , 2018, 32, 849-859.	4.7	19

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37	Genomic basis of the loss of diadromy in <i>Galaxias maculatus</i> : Insights from reciprocal transplant experiments. <i>Molecular Ecology</i> , 2020, 29, 4857-4870.	3.9	19
38	Requirements and boundary conditions for fish passes of non-sport fish species based on Chilean experiences. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 9-21.	8.1	18
39	FishNet: Probabilistic models for fishway planning, design and monitoring to support environmentally sustainable hydropower. <i>Fish and Fisheries</i> , 2018, 19, 677-697.	5.3	18
40	Patrones de desplazamiento de peces nativos en el R�o San Pedro (cuenca del R�o Valdivia, Chile). <i>Gayana</i> , 0, 76, 59-70.	0.1	17
41	Invasive trout affect trophic ecology of <i>Galaxias platei</i> in Patagonian lakes. <i>Hydrobiologia</i> , 2017, 790, 201-212.	2.0	16
42	Variaciones espacio-temporales del ensamble de peces de un sistema fluvial de bajo orden del centro-sur de Chile. <i>Revista Chilena De Historia Natural</i> , 2003, 76, .	1.2	16
43	Interplay of geomorphology and hydrology drives macroinvertebrate assemblage responses to hydropeaking. <i>Science of the Total Environment</i> , 2021, 768, 144262.	8.0	15
44	Benthonic fauna of the Itata river and irrigation canals (Chile). <i>Irrigation Science</i> , 1998, 18, 91-99.	2.8	14
45	Primeros estadios del ciclo de vida de peces nativos del R�o San Pedro (Cuenca del Rio Valdivia, Chile). <i>Gayana</i> , 2012, 76, 86-100.	0.1	14
46	Inter-basin dispersal through irrigation canals explains low genetic structure in <i>Diplomystes cf. chilensis</i> , an endangered freshwater catfish from Central Chile. <i>Limnologia</i> , 2015, 53, 10-16.	1.5	14
47	A Community-Level, Mesoscale Analysis of Fish Assemblage Structure in Shoreline Habitats of a Large River Using Multivariate Regression Trees. <i>River Research and Applications</i> , 2016, 32, 652-665.	1.7	14
48	Multiple drainage reversal episodes and glacial refugia in a Patagonian fish revealed by sequenced microsatellites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200468.	2.6	14
49	Threatened fishes of the world: <i>Percilia irwini</i> (Eigenmann 1927) (Perciliidae). <i>Environmental Biology of Fishes</i> , 2007, 78, 213-214.	1.0	13
50	Threatened fishes of the world: <i>Diplomystes camposensis</i> Arratia, 1987 (Diplomystidae). <i>Environmental Biology of Fishes</i> , 2009, 84, 393-394.	1.0	13
51	Displacement of native Patagonian freshwater silverside populations (<i>Odontesthes hatcheri</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 2017, 19, 971-988.	2.4	13
52	Functional process zones and their fish communities in temperate Andean river networks. <i>River Research and Applications</i> , 2019, 35, 1702-1711.	1.7	13
53	Ecology of <i>Galaxias platei</i> in a depauperate lake. <i>Ecology of Freshwater Fish</i> , 2014, 23, 615-621.	1.4	12
54	The longest fragment drives fish beta diversity in fragmented river networks: Implications for river management and conservation. <i>Science of the Total Environment</i> , 2021, 766, 144323.	8.0	12

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55	Juveniles de salm3n chinook (<i>Oncorhynchus tshawytscha</i> Walbaum, 1792) en rAos y lagos de la patagonia chilena. <i>Gayana</i> , 2011, 75, 17-25.	0.1	11
56	Invasive species and postglacial colonization: their effects on the genetic diversity of a Patagonian fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182567.	2.6	11
57	Partitioning 2-diversity reveals that invasions and extinctions promote the biotic homogenization of Chilean freshwater fish fauna. <i>PLoS ONE</i> , 2020, 15, e0238767.	2.5	11
58	Strategic methodology to set priorities for sustainable hydropower development in a biodiversity hotspot. <i>Science of the Total Environment</i> , 2020, 714, 136735.	8.0	11
59	Geographic variation in age, growth and size structure of <i>Percilia irwini</i> from south-central Chile. <i>Journal of Fish Biology</i> , 2009, 74, 278-284.	1.6	10
60	Conservation of the freshwater fauna of Patagonia: an alert to the urgent need for integrative management and sustainable development. <i>Journal of Fish Biology</i> , 2016, 89, 369-370.	1.6	10
61	Young-of-the-year Coho Salmon <i>Oncorhynchus kisutch</i> recruit in fresh waters of remote Patagonian fjords in southern Chile (51S). <i>Biological Invasions</i> , 2017, 19, 1127-1136.	2.4	10
62	Polychlorinated biphenyls in farmed and wild <i>Onchorhynchus kisutch</i> and <i>Onchorhynchus mykiss</i> from the Chilean Patagonia. <i>Environmental Science and Pollution Research</i> , 2011, 18, 629-637.	5.3	9
63	Homogenization of the freshwater fish fauna of the biogeographic regions of Chile. <i>Global Ecology and Conservation</i> , 2019, 19, e00658.	2.1	9
64	Hydrological connectivity drives longitudinal movement of endangered endemic Chilean darter <i>Percilia irwini</i> (Eigenmann, 1927). <i>Journal of Fish Biology</i> , 2021, 98, 33-43.	1.6	9
65	Bioenergetic models of the threatened darter <i>Percilia irwini</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2012, 45, 17-28.	0.9	8
66	An3lisis de la dieta de <i>Diplomystes</i> (Siluriformes: <i>Diplomystidae</i>) de Chile. <i>Gayana</i> , 2012, 76, 102-111.	0.1	8
67	Polybrominated diphenyl ether levels in wild and farmed Chilean salmon and preliminary flow data for commercial transport. <i>Journal of Environmental Sciences</i> , 2012, 24, 221-227.	6.1	8
68	First observations of crustacean zooplankton abundance in northern Patagonian rivers. <i>Crustaceana</i> , 2015, 88, 617-623.	0.3	8
69	A NEW SPECIES OF POMPHORHYNCHUS (ACANTHOCEPHALA: PALAEACANTHOCEPHALA) IN FRESHWATER FISHES FROM CENTRAL CHILE. <i>Journal of Parasitology</i> , 2007, 93, 179-183.	0.7	7
70	Graham Scholars Program: sustainability education through an interdisciplinary international case study. <i>Sustainability Science</i> , 2009, 4, 29-36.	4.9	7
71	Patrones idiosincr3ticos de diversidad gen3tica de peces nativos del R3o San Pedro (Cuenca del R3o) Tj ETQq1 1,0.784314 rgBT /Cv	0.1	7
72	Biotransport of persistent organic pollutants in the southern Hemisphere by invasive Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in the rivers of northern Chilean Patagonia, a UNESCO biosphere reserve. <i>Environment International</i> , 2020, 142, 105803.	10.0	7

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73	Variaciones espaciales y temporales de las comunidades ribereñas de peces en un sistema fluvial no intervenido: Río San Pedro, Cuenca del Río Valdivia (Chile). <i>Gayana</i> , 0, 76, 01-09.	0.1	6
74	Trophic scaling of <i>Percichthys trucha</i> (<i>Percichthyidae</i>) in monospecific and multispecific lakes in western Patagonia. <i>Limnologia</i> , 2015, 53, 50-59.	1.5	6
75	Movement patterns and home range in <i>Diplomystes camposensis</i> (<i>Siluriformes: Diplomystidae</i>), an endemic and threatened species from Chile. <i>Neotropical Ichthyology</i> , 2018, 16, .	1.0	6
76	Morphometric Response of <i>Galaxias maculatus</i> (Jenyns) to Lake Colonization in Chile. <i>Diversity</i> , 2020, 12, 219.	1.7	6
77	Composición, origen y valor de conservación de la ictiofauna del Río San Pedro (Cuenca del Río) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	6
78	Scientific Landscape Related to Mapuche Indigenous Peoples and Wallmapu Territory. <i>Sustainability</i> , 2020, 12, 7895.	3.2	5
79	Variation of stomach content and isotopic niche of puye <i>Galaxias maculatus</i> (Jenyns, 1842) in large river systems of southern Chile. <i>Freshwater Biology</i> , 2021, 66, 1110-1122.	2.4	5
80	Current situation of the fish fauna in the Mediterranean region of Andean river systems in Chile. <i>Fishes in Mediterranean Environments</i> , 0, 2015, .	0.0	5
81	Caracterización del hábitat de peces nativos en el río San Pedro (cuenca del río Valdivia, Chile). <i>Gayana</i> , 0, 76, 36-44.	0.1	5
82	Selección denso-dependiente de microhábitat en <i>Galaxias platei</i> : un estudio experimental. <i>Gayana</i> , 2013, 77, 35-42.	0.1	5
83	Historical and Contemporary Diversity of Galaxiids in South America: Biogeographic and Phylogenetic Perspectives. <i>Diversity</i> , 2020, 12, 304.	1.7	4
84	Ontogenetic shape trajectory of <i>Trichomycterus areolatus</i> varies in response to water velocity environment. <i>PLoS ONE</i> , 2021, 16, e0252780.	2.5	4
85	Juvenile salmon presence effects on the diet of native Puye <i>Galaxias maculatus</i> in lakes and estuaries of Patagonian fjords. <i>Biological Invasions</i> , 2022, 24, 81-92.	2.4	4
86	ICTIOFAUNA DE UN SISTEMA FLUVIAL RECEPTOR DE AGUAS SERVIDAS: RESPUESTAS A UNA NUEVA PLANTA DE TRATAMIENTO (RIO QUILQUE, CHILE CENTRAL). <i>Gayana</i> , 2005, 69, 94.	0.1	3
87	RESPUESTA DE LA COMUNIDAD DE PECES AL DRAGADO DE RIOS COSTEROS DE LA REGION DEL BIOBIO (CHILE). <i>Gayana</i> , 2009, 73, .	0.1	3
88	Presence of the red jollytail, <i>Brachygalaxias bullocki</i> (Regan, 1908) (<i>Galaxiformes: Galaxiidae</i>), in freshwater forested wetlands from Chile. <i>Revista Chilena De Historia Natural</i> , 2014, 87, .	1.2	3
89	Crustacean zooplankton assemblages in inland waters of southern Patagonia (Alcalufes National) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	3
90	The complete mitochondrial genome of the freshwater fish <i>Galaxias platei</i> and a comparison with other species of the genus <i>Galaxias</i> (faraway, so close?). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 176-177.	0.7	3

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91	Contrasting evolutionary responses in two co-distributed species of <i>Galaxias</i> (Pisces, Galaxiidae) in a river from the glaciated range in Southern Chile. <i>Royal Society Open Science</i> , 2020, 7, 200632.	2.4	3
92	Connectivity, diversity, and hybridization between two endemic fish species (<i>Percilia</i> spp.) in a complex temperate landscape. <i>Conservation Genetics</i> , 2022, 23, 23-33.	1.5	3
93	Variation in size-at-age between native cutthroat and introduced brown trout in allopatry and sympatry: implications for competitive interaction. <i>Aquatic Biology</i> , 2011, 13, 285-292.	1.4	3
94	TRANSLOCACION DE PECES NATIVOS EN LA CUENCA DEL RIO LAJA (REGION DEL BIOBIO, CHILE). <i>Gayana</i> , 2002, 66, .	0.1	3
95	Fundamento y aproximación Metodológica del Estudio de peces del Río San Pedro. <i>Gayana</i> , 0, 76, 01-09.	0.1	3
96	Taxonomic and Functional Responses of Species-Poor Riverine Fish Assemblages to the Interplay of Human-Induced Stressors. <i>Water (Switzerland)</i> , 2022, 14, 355.	2.7	3
97	Isolation and characterization of 13 microsatellite loci for <i>Percichthys trucha</i> (Percichthyidae). <i>Molecular Ecology Resources</i> , 2008, 8, 907-909.	4.8	2
98	Dinámica espacio-temporal de 13 especies de peces nativos en un ecotono lacustre-fluvial de la Cuenca del Río Valdivia (Chile). <i>Gayana</i> , 0, 76, 01-09.	0.1	2
99	Development and characterization of 15 novel microsatellite markers for the freshwater fish <i>Galaxias platei</i> . <i>Conservation Genetics Resources</i> , 2014, 6, 899-901.	0.8	2
100	Low Genetic Diversity in , an Endemic and Endangered Catfish from South Chile. <i>Zoological Studies</i> , 2016, 55, e16.	0.3	1
101	Hydropower dams threaten freshwater Chilean fish species: What dams and what species?. <i>E3S Web of Conferences</i> , 2018, 40, 03032.	0.5	0
102	Community structure of invertebrate fauna in Central Chilean Rivers. <i>Acta Limnologica Brasiliensia</i> , 2019, 31, .	0.4	0
103	Taxonomic Homogenization of the Freshwater Fish Fauna in Chile: Analyzing the Ichthyogeographic Provinces. , 2021, , 301-319.		0
104	Selección denso-dependiente de microhabitat en <i>Galaxias platei</i> : un estudio experimental. <i>Gayana</i> , 2013, 77, 89-96.	0.1	0