Luis Vargas-Chacoff

List of Publications by Year
in descending order

143 papers	2,988 citations	147726 31 h-index	243529 44 g-index
146 all docs	146 docs citations	146 times ranked	2598 citing authors

#	Article	IF	Citations
1	Effects of local land-use on riparian vegetation, water quality, and the functional organization of macroinvertebrate assemblages. Science of the Total Environment, 2017, 609, 724-734.	3.9	104
2	Osmoregulatory response of Senegalese sole (Solea senegalensis) to changes in environmental salinity. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, 413-421.	0.8	97
3	Tertiary stress responses in Senegalese sole (Solea senegalensis Kaup, 1858) to osmotic challenge: Implications for osmoregulation, energy metabolism and growth. Aquaculture, 2009, 287, 419-426.	1.7	88
4	High density and food deprivation affect arginine vasotocin, isotocin and melatonin in gilthead sea bream (Sparus auratus). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 149, 92-97.	0.8	79
5	Effect of sex-steroid hormones, testosterone and estradiol, on humoral immune parameters of gilthead seabream. Fish and Shellfish Immunology, 2007, 23, 693-700.	1.6	77
6	17Beta-Estradiol Triggers Postspawning in Spermatogenically Active Gilthead Seabream (Sparus aurata) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	71
7	Dietary administration of probiotic Pdp11 promotes growth and improves stress tolerance to high stocking density in gilthead seabream Sparus auratus. Aquaculture, 2010, 309, 265-271.	1.7	70
8	Feed deprivation in Senegalese sole (Solea senegalensis Kaup, 1858) juveniles: effects on blood plasma metabolites and free amino acid levels. Fish Physiology and Biochemistry, 2011, 37, 495-504.	0.9	70
9	Arginine vasotocin, isotocin and melatonin responses following acclimation of gilthead sea bream (Sparus aurata) to different environmental salinities. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2006, 145, 268-273.	0.8	65
10	Interactive effects of environmental salinity and temperature on metabolic responses of gilthead sea bream Sparus aurata. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 417-424.	0.8	60
11	Effects of elevated temperature on osmoregulation and stress responses in Atlantic salmon Salmo salar smolts in fresh water and seawater. Journal of Fish Biology, 2018, 93, 550-559.	0.7	54
12	Comparative Pan-Genome Analysis of Piscirickettsia salmonis Reveals Genomic Divergences within Genogroups. Frontiers in Cellular and Infection Microbiology, 2017, 7, 459.	1.8	52
13	Osmoregulatory changes in wedge sole (Dicologoglossa cuneataMoreau, 1881) after acclimation to different environmental salinities. Aquaculture Research, 2009, 40, 762-771.	0.9	50
14	Changes in plasma amino acid levels in a euryhaline fish exposed to different environmental salinities. Amino Acids, 2010, 38, 311-317.	1.2	47
15	Effects on the metabolism, growth, digestive capacity and osmoregulation of juvenile of Sub-Antarctic Notothenioid fish Eleginops maclovinus acclimated at different salinities. Fish Physiology and Biochemistry, 2015, 41, 1369-1381.	0.9	47
16	Combined effects of high stocking density and Piscirickettsia salmonis treatment on the immune system, metabolism and osmoregulatory responses of the Sub-Antarctic Notothenioid fish Eleginops maclovinus. Fish and Shellfish Immunology, 2014, 40, 424-434.	1.6	46
17	The involvement of thyroid hormones and cortisol in the osmotic acclimation of Solea senegalensis. General and Comparative Endocrinology, 2008, 155, 796-803.	0.8	45
18	Different environmental temperatures affect amino acid metabolism in the eurytherm teleost Senegalese sole (Solea senegalensis Kaup, 1858) as indicated by changes in plasma metabolites. Amino Acids, 2012, 43, 327-335.	1.2	45

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19	Acclimation of Solea senegalensis to different ambient temperatures: implications for thyroidal status and osmoregulation. Marine Biology, 2010, 157, 1325-1335.	0.7	42
20	Biomarker responses in Solea senegalensis exposed to sodium hypochlorite used as antifouling. Chemosphere, 2010, 78, 885-893.	4.2	42
21	Effects of Caligus rogercresseyi (Boxshall and Bravo, 2000) infestation on physiological response of host Salmo salar (Linnaeus 1758): Establishing physiological thresholds. Aquaculture, 2015, 438, 47-54.	1.7	42
22	Physiological responses of juvenile wedge soleDicologoglossa cuneata(Moreau) to high stocking density. Aquaculture Research, 2009, 40, 790-797.	0.9	41
23	Seasonal variation in osmoregulatory and metabolic parameters in earthen pond-cultured gilthead sea breamSparus auratus. Aquaculture Research, 2009, 40, 1279-1290.	0.9	41
24	Evolution in chronic cold: varied loss of cellular response to heat in Antarctic notothenioid fish. BMC Evolutionary Biology, 2018, 18, 143.	3.2	40
25	Landscape composition as a determinant of diversity and functional feeding groups of aquatic macroinvertebrates in southern rivers of the Araucania, Chile. Latin American Journal of Aquatic Research, 2015, 43, 186-200.	0.2	39
26	Growth performance, osmoregulatory and metabolic modifications in red porgy fry, Pagrus pagrus, under different environmental salinities and stocking densities. Aquaculture Research, 2011, 42, 1269-1278.	0.9	37
27	Heavy metals in the liver and muscle of Micropogonias manni fish from Budi Lake, Araucania Region, Chile: potential risk for humans. Environmental Monitoring and Assessment, 2012, 184, 3141-3151.	1.3	34
28	Physiological short-term response to sudden salinity change in the Senegalese sole (Solea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	0.9	33
29	Effects of cortisol and thyroid hormone on peripheral outer ring deiodination and osmoregulatory parameters in the Senegalese sole (Solea senegalensis). Journal of Endocrinology, 2011, 208, 323-30.	1.2	32
30	Dietary protein requirement of Patagonian blennie (Eleginops maclovinus , Cuvier 1830) juveniles. Aquaculture, 2014, 428-429, 125-134.	1.7	32
31	Examining the influence of human stressors on benthic algae, macroinvertebrate, and fish assemblages in Mediterranean streams of Chile. Science of the Total Environment, 2019, 686, 26-37.	3.9	32
32	Study of the content of cadmium, chromium and lead in bivalve molluscs of the Pacific Ocean (Maule) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.2	31
33	Environmental salinity-modified osmoregulatory response in the sub-Antarctic notothenioid fish Eleginops maclovinus. Polar Biology, 2014, 37, 1235-1245.	0.5	31
34	Identification and expressional analysis of NLRC5 inflammasome gene in smolting Atlantic salmon () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	31
35	Effect of l -tryptophan and melatonin supplementation on the serotonin gastrointestinal content and digestive enzymatic activity for Salmo salar and Oncorhynchus kisutch. Aquaculture, 2018, 482, 203-210.	1.7	31
36	The Antarctic fish Harpagifer antarcticus under current temperatures and salinities and future scenarios of climate change. Progress in Oceanography, 2019, 174, 37-43.	1.5	31

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37	Metabolic and osmoregulatory changes and cell proliferation in gilthead sea bream (Sparus aurata) exposed to cadmium. Ecotoxicology and Environmental Safety, 2011, 74, 270-278.	2.9	29
38	Rainbow Trout diets and macroinvertebrates assemblages responses from watersheds dominated by native and exotic plantations. Ecological Indicators, 2016, 60, 655-667.	2.6	29
39	Benthic macroinvertebrate assemblages as indicators of water quality applying a modified biotic index in a spatio-seasonal context in a coastal basin of Southern Chile. Revista De Biologia Marina Y Oceanografia, 2012, 47, 23-33.	0.1	28
40	Physiological evidence that Piscirickettsia salmonis produces siderophores and uses iron from different sources. Journal of Fish Diseases, 2018, 41, 553-558.	0.9	28
41	Gene and protein expression for prolactin, growth hormone and somatolactin in Sparus aurata: Seasonal variations. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 153, 130-135.	0.7	27
42	Energy metabolism of hyperthyroid gilthead sea bream Sparus aurata L.. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 191, 25-34.	0.8	27
43	Phylogeography in Galaxias maculatus (Jenyns, 1848) along Two Biogeographical Provinces in the Chilean Coast. PLoS ONE, 2015, 10, e0131289.	1.1	26
44	Identification, characterization and modulation of ferritin-H in the sub-Antarctic Notothenioid Eleginops maclovinus challenged with Piscirickettsia salmonis. Developmental and Comparative Immunology, 2017, 73, 88-96.	1.0	26
45	Water temperature affects osmoregulatory responses in gilthead sea bream (Sparus aurata L.). Journal of Thermal Biology, 2020, 88, 102526.	1.1	25
46	Isolation Driven Divergence in Osmoregulation in Galaxias maculatus (Jenyns, 1848) (Actinopterygii:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	24
47	Sublethal responses of the common mussel (Mytilus galloprovincialis) exposed to sodium hypochlorite and MexelÂ®432 used as antifoulants. Ecotoxicology and Environmental Safety, 2010, 73, 825-834.	2.9	23
48	Nutritional Immunity Triggers the Modulation of Iron Metabolism Genes in the Sub-Antarctic Notothenioid Eleginops maclovinus in Response to Piscirickettsia salmonis. Frontiers in Immunology, 2017, 8, 1153.	2.2	23
49	Sublethal effects of the organic antifoulant MexelÂ®432 on osmoregulation and xenobiotic detoxification in the flatfish Solea senegalensis. Chemosphere, 2010, 79, 78-85.	4.2	22
50	Effects of the ectoparasite Caligus rogercresseyi on Salmo salar blood parameters under farm conditions. Aquaculture, 2016, 457, 29-34.	1.7	21
51	Effects of acclimation to high environmental temperatures on intermediary metabolism and osmoregulation in the sub-Antarctic notothenioid Eleginops maclovinus. Marine Biology, 2018, 165, 1.	0.7	21
52	Stocking density affects the growth performance, intermediary metabolism, osmoregulation, and response to stress in Patagonian blennie Eleginops maclovinus. Aquaculture, 2020, 515, 734565.	1.7	21
53	Characterization of the peripheral thyroid system of gilthead seabream acclimated to different ambient salinities. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 203, 24-31.	0.8	20
54	Is the southern crab Halicarcinus planatus (Fabricius, 1775) the next invader of Antarctica?. Global Change Biology, 2021, 27, 3487-3504.	4.2	20

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55	The effect of alterations in salinity and temperature on neuroendocrine responses of the Antarctic fish Harpagifer antarcticus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 235, 131-137.	0.8	19
56	Stocking density affects growth and metabolic parameters in the brill (Scophthalmus rhombus). Aquaculture International, 2012, 20, 1041-1052.	1.1	18
57	Atlantic salmon (Salmo salar) and Coho salmon (Oncorhynchus kisutch) display differential metabolic changes in response to infestation by the ectoparasite Caligus rogercresseyi. Aquaculture, 2016, 464, 469-479.	1.7	18
58	Immunological response of the Sub-Antarctic Notothenioid fish Eleginops maclovinus injected with two strains of Piscirickettsia salmonis. Fish and Shellfish Immunology, 2018, 75, 139-148.	1.6	18
59	Effect of ration level on growth performance, body composition, intermediary metabolism and serum parameters in juvenile Patagonian blennie Eleginops maclovinus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 230, 122-130.	0.8	18
60	Reproductive performance and seasonal plasma sex steroid and metabolite levels in a captive wild broodstock of brill Scophthalmus rhombus L.. Aquaculture Research, 2007, 38, 1161-1174.	0.9	17
61	Pituitary gene and protein expression under experimental variation on salinity and temperature in gilthead sea bream Sparus aurata. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 303-308.	0.7	17
62	Metabolic enzyme activities in relation to crowding stress in the wedge sole (<i>Dicologoglossa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.9	17
63	Environmental salinity and osmoregulatory processes in cultured flatfish. Aquaculture Research, 2015, 46, 10-29.	0.9	17
64	Voltage-dependent BK and Hv1 channels expressed in non-excitable tissues: New therapeutics opportunities as targets in human diseases. Pharmacological Research, 2015, 101, 56-64.	3.1	17
65	Macroinvertebrates and Fishes as Bioindicators of Stream Water Pollution. , 0, , .		17
66	Ectoparasite Caligus rogercresseyi modifies the lactate response in Atlantic salmon (Salmo salar) and Coho salmon (Oncorhynchus kisutch). Veterinary Parasitology, 2017, 243, 6-11.	0.7	15
67	Effects of warming rates on physiological and molecular components of response to CTMax heat stress in the Antarctic fish Harpagifer antarcticus. Journal of Thermal Biology, 2021, 99, 103021.	1.1	15
68	STUDY OF THE COPPER, CHROMIUM AND LEAD CONTENT IN MUGIL CEPHALUS AND ELEGINOPS MACLOVINUS OBTAINED IN THE MOUTHS OF THE MAULE AND MATAQUITO RTVERS (MAULE REGION, CHILE). Journal of the Chilean Chemical Society, 2009, 54, .	0.5	14
69	Metabolic responses to salinity changes in the subantarctic notothenioid teleost Eleginops maclovinus. Polar Biology, 2016, 39, 1297-1308.	0.5	14
70	Temperature modulates the immunological response of the sub-antarctic notothenioid fish Eleginops maclovinus injected with Piscirickettsia salmonis. Fish and Shellfish Immunology, 2018, 82, 492-503.	1.6	14
71	Cellular stress responses of Eleginops maclovinus fish injected with Piscirickettsia salmonis and submitted to thermal stress. Cell Stress and Chaperones, 2020, 25, 93-104.	1.2	14
72	Yearly growth and metabolic changes in earthen pond-cultured meagre Argyrosomus regius. Scientia Marina, 2014, 78, 193-202.	0.3	14

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73	Stocking density and Piscirickettsia salmonis infection effect on Patagonian blennie (Eleginops) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2014, 40, 1683-1691.	0.9	13
74	Contrasting Genetic Structure and Diversity ofGalaxias maculatus(Jenyns, 1848) Along the Chilean Coast: Stock Identification for Fishery Management. Journal of Heredity, 2015, 106, 439-447.	1.0	13
75	High doses of Francisella noatunensis induces an immune response in Eleginops maclovinus. Fish and Shellfish Immunology, 2019, 90, 1-11.	1.6	13
76	Early life stage bottlenecks of carnivorous molluscs under captivity: a challenge for their farming and contribution to seafood production. Reviews in Aquaculture, 2019, 11, 431-457.	4.6	13
77	Characterization and expression analysis of Nod-like receptor 3 (NLRC3) against infection with Piscirickettsia salmonis in Atlantic salmon. Developmental and Comparative Immunology, 2021, 114, 103865.	1.0	13
78	Stress response of <scp>S</scp>almo salar (<scp>L</scp>innaeus 1758) facing low abundance infestation of <scp>C</scp>aligus rogercresseyi (<scp>B</scp>oxshall & <scp>B</scp>ravo) Tj ETQq0 0 0 rgBT /Overlock 10	0.9	12
79	Stress response of Salmo salar (Linnaeus 1758) when heavily infested by Caligus rogercresseyi (Boxshall & Bravo 2000) copepodids. Fish Physiology and Biochemistry, 2016, 42, 263-274.	0.9	12
80	Evaluating the effects of ocean warming and freshening on the physiological energetics and transcriptomic response of the Antarctic limpet Nacella concinna. Science of the Total Environment, 2020, 748, 142448.	3.9	12
81	Neuroendocrine stress response in Atlantic salmon (Salmo salar) and Coho salmon (Oncorynchus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	11
82	Hypoxia modulates the transcriptional immunological response in Oncorhynchus kisutch. Fish and Shellfish Immunology, 2020, 106, 1042-1051.	1.6	11
83	Evolution of chaperome gene expression and regulatory elements in the antarctic notothenioid fishes. Heredity, 2021, 126, 424-441.	1.2	11
84	The effects of intraperitoneal administration of Francisella noatunensis subsp. noatunensis on hepatic intermediary metabolism and indicators of stress in Patagonian blennie Eleginops maclovinus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 230, 48-56.	0.7	10
85	The biological basis of smoltification in Atlantic salmon. Austral Journal of Veterinary Sciences, 2021, 53, 73-82.	0.2	10
86	Piscirickettsia salmonis-Triggered Extracellular Traps Formation as an Innate Immune Response of Atlantic Salmon-Derived Polymorphonuclear Neutrophils. Biology, 2021, 10, 206.	1.3	10
87	Salmon aquaculture threatens Patagonia. Science, 2021, 372, 695-696.	6.0	10
88	MICROPOGONIAS MANNI AS A BIOINDICATOR FOR COPPER IN LAKE BUDI (IX REGION, CHILE). Journal of the Chilean Chemical Society, 2006, 51, .	0.5	10
89	DinÃ¡mica geomorfolÃ³gica de la costa de La AraucanÃa. Revista De Geografia Norte Grande, 2014, , 241-260.	0.1	9
90	Is eating wild rainbow trout safe? The effects of different land-uses on heavy metals content in Chile. Environmental Pollution, 2019, 254, 112995.	3.7	9

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91	Environmental Salinity Affects Growth and Metabolism in Fingerling Meagre (Argyrosomus Regius). Fishes, 2019, 4, 6.	0.7	9
92	Effect of the earthquake-tsunami (Chile, 2010) on toxic metal content in the Chilean abalone mollusc Concholepas concholepas. Ecotoxicology and Environmental Safety, 2019, 169, 418-424.	2.9	9
93	The osmotic response capacity of the Antarctic fish Harpagifer antarcticus is insufficient to cope with projected temperature and salinity under climate change. Journal of Thermal Biology, 2021, 96, 102835.	1.1	9
94	Sharks in the forest: relationships between kelp physical-complexity attributes and egg deposition sites of the red-spotted catshark. Marine Ecology - Progress Series, 2019, 610, 125-135.	0.9	9
95	Accumulation of potentially toxic elements in sediments in Budi Lagoon, Araucania Region, Chile. Environmental Earth Sciences, 2014, 72, 4283-4290.	1.3	8
96	Effects of long-term cortisol treatment on growth and osmoregulation of Atlantic salmon and brook trout. General and Comparative Endocrinology, 2021, 308, 113769.	0.8	8
97	Intestinal incomplete process on the osmoregulation system during Salmo salar smoltification in a productive conditions. Aquaculture, 2018, 491, 121-127.	1.7	7
98	Head Kidney Transcriptome Analysis and Characterization for the Sub-Antarctic Notothenioid Fish Eleginops maclovinus. Fishes, 2018, 3, 8.	0.7	7
99	Transcriptional activation of genes involved in oxidative stress in Salmo salar challenged with Piscirickettsia salmonis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 229, 18-25.	0.7	7
100	Intermediary metabolic response and gene transcription modulation on the Subâ€Antarctic notothenioid Eleginops maclovinus (Valenciennes, 1930) injected with two strains of Piscirickettsia salmonis. Journal of Fish Diseases, 2020, 43, 111-127.	0.9	7
101	Salmo salar glucocorticoid receptors analyses of alternative splicing variants under stress conditions. General and Comparative Endocrinology, 2020, 293, 113466.	0.8	7
102	Growth hormone (GH) and growth hormone release factor (GRF) modulate the immune response in the SHK-1 cell line and leukocyte cultures of head kidney in Atlantic salmon. General and Comparative Endocrinology, 2021, 300, 113631.	0.8	7
103	Protein-Based Vaccine Protect Against Piscirickettsia salmonis in Atlantic Salmon (Salmo salar). Frontiers in Immunology, 2021, 12, 602689.	2.2	7
104	Assessment of Heavy Metal Contamination in Two Edible Fish Species and Water from North Patagonia Estuary. Applied Sciences (Switzerland), 2021, 11, 2492.	1.3	7
105	Macrobenthos of the coastal Budi Lagoon, southern Chile: Changes associated with seasonal environmental variation. Brazilian Journal of Oceanography, 2016, 64, 239-248.	0.6	7
106	Benthic macrofauna of three saline-lake wetlands on the coastal rim of southern Chile. Ciencias Marinas, 2006, 32, 589-596.	0.4	7
107	EvaluaciÃ³n de la calidad de vegetaciÃ³n ribereÃ±a en dos cuencas costeras del sur de Chile mediante la aplicaciÃ³n del Ãndice QBR, como base para su planificaciÃ³n y gestiÃ³n territorial. Gayana - Botanica, 2014, 71, 1-9.	0.3	6
108	The expression pattern of calcium signaling-related genes during smoltification of Salmo salar in productive conditions. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 231, 20-25.	0.7	6

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109	LPS Modulates the Expression of Iron-Related Immune Genes in Two Antarctic Notothenoids. Frontiers in Physiology, 2020, 11, 102.	1.3	6
110	Long-term effects of temperatures on the physiological response of juveniles of the eurythermal sub-antarctic notothenioid Eleginops maclovinus. Aquaculture, 2021, 530, 735797.	1.7	6
111	ComposiciÃ³n florÃstica y evaluaciÃ³n de la degradaciÃ³n del bosque pantanoso costero de temu-pitra en la RegiÃ³n de La AraucanÃa, Chile. Gayana - Botanica, 2014, 71, 43-57.	0.3	6
112	Intestinal variation of serotonin, melatonin, and digestive enzymes activities along food passage time through GIT in Salmo salar fed with supplemented diets with tryptophan and melatonin. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 266, 111159.	0.8	6
113	PAMPs of Piscirickettsia salmonis Trigger the Transcription of Genes Involved in Nutritional Immunity in a Salmon Macrophage-Like Cell Line. Frontiers in Immunology, 2022, 13, 849752.	2.2	6
114	DistribuciÃ³n de la macrofauna bentÃ³nica en el lago costero Budi, Sur de Chile. Revista De Biologia Marina Y Oceanografia, 2010, 45, .	0.1	5
115	Effect of Flavobacterium psychrophilum on the neuroendocrine response of rainbow trout (Oncorhynchus mykiss) in a time course experiment. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 236, 110525.	0.8	5
116	Francisella noatunensis subsp. noatunensis triggers calcium metabolism gene modulation in Eleginops maclovinus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 250, 110805.	0.8	5
117	Seasonal limnetic feeding regime of the Â“robaloÂ” Eleginops maclovinus (Valenciennes 1830), in the Valdivia river, Chile. Gayana, 2010, 74, .	0.0	4
118	Narrowing the Range of Environmental Salinities Where Juvenile Meagre (Argyrosomus regius) Can Be Cultured Based on an Osmoregulatory Pilot Study. Fishes, 2018, 3, 48.	0.7	4
119	Modulation of the Expression of Immune-related Gene in Atlantic and Coho Salmon during Infestation with the Sea lice Caligus rogercresseyi. Fishes, 2019, 4, 42.	0.7	4
120	Freshening effect on the osmotic response of the <scp>A</scp>ntarctic spiny plunderfish Harpagifer antarcticus. Journal of Fish Biology, 2021, 98, 1558-1571.	0.7	4
121	Vitellogenesis in the Patagonian toothfish (Dissostichus eleginoides) conditioned to a recirculating aquaculture system. General and Comparative Endocrinology, 2021, 307, 113768.	0.8	4
122	Independent duplications of the Golgi phosphoprotein 3 oncogene in birds. Scientific Reports, 2021, 11, 12483.	1.6	4
123	AlimentaciÃ³n de Micropogonias furnieri (Osteichthyes: Sciaenidae) en el lago costero Budi, Sur de Chile. Revista De Biologia Marina Y Oceanografia, 2013, 48, 193-197.	0.1	4
124	Contrasting Patterns of Genetic Diversity and Divergence Between Landlocked and Migratory Populations of Fish Galaxias maculatus, Evaluated Through Mitochondrial DNA Sequencing and Nuclear DNA Microsatellites. Frontiers in Genetics, 2022, 13, .	1.1	4
125	ComposiciÃ³n y sobreposiciÃ³n dietaria de Pinguipes chilensis (Perciformes: Pinguipedidae), Cheilodactylus variegatus (Perciformes: Cheilodactylidae) y Aplodactylus punctatus (Perciformes:) Tj ETQq1 1 0.784314 rgBT /Overlock		
126	Physicochemical parameters associated with the methds of application of salt baths and their field assessment of blood parameters of Atlantic salmon in water pre-smolt stage. Archivos De Medicina Veterinaria, 2016, 48, 223-230.	0.2	3

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127	BK potassium channel mRNA level changes in gills of Atlantic salmon after brackish water transfer. Aquaculture, 2018, 491, 184-189.	1.7	3
128	Novel microsatellite markers discovery in Patagonian toothfish (Dissostichus eleginoides) using high-throughput sequencing. Molecular Biology Reports, 2019, 46, 5525-5530.	1.0	3
129	Proximal composition and fatty acid profile of Hemigrapsus crenulatus (H. Milne Edwards, 1837) as one of the main foods of â€œpatagonian blennyâ€Eleginops maclovinus (Cuvier, 1830). Brazilian Journal of Biology, 2021, 81, 797-805.	0.4	3
130	Brain immunity response of fish Eleginops maclovinus to infection with Francisella noatunensis. Fish and Shellfish Immunology, 2021, 120, 695-695.	1.6	3
131	Immune response of Salmo salar (exotic fish) and Eleginops maclovinus (native fish) during Francisella noatunensis horizontal transference. Aquaculture, 2022, 549, 737796.	1.7	3
132	Dietary melatonin and L-tryptophan supplementation counteracts the effects of acute stress in Salmo salar. Aquaculture, 2022, 550, 737882.	1.7	3
133	Fin Erosion of Salmo salar (Linnaeus 1758) Infested with the Parasite Caligus rogercresseyi (Boxshall) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	2
134	Study of the Copper, Chromium, Manganese and Zinc Contents in the Species <i>Azorella spinosa</i> (Apiaceae), Collected in the Maule Region, Chile. Journal of Environmental Protection, 2019, 10, 601-613.	0.3	2
135	Human Activity in Antarctica: Effects on Metallic Trace Elements (MTEs) in Plants and Soils. Plants, 2021, 10, 2593.	1.6	2
136	Warming and freshening activate the transcription of genes involved in the cellular stress response in Harpagifer antarcticus. Fish Physiology and Biochemistry, 2021, 47, 533-546.	0.9	1
137	Changes to the benthic assemblage associated with mollusc and seaweed cultivation in the QuempillÃ©n estuary, north patagonia, Chile. Gayana, 2010, 74, 147-151.	0.0	1
138	Transcriptional modulation of immune genes in gut of Sub-Antarctic notothenioid fish Eleginops maclovinus challenged with Francisella noatunensis subsp. noatunensis. Fish and Shellfish Immunology, 2022, 124, 56-65.	1.6	1
139	Mechanosensory system of the lateral line in the subantarctic Patagonian blennyEleginops maclovinus. Journal of Fish Biology, 2018, 95, 222-227.	0.7	0
140	Dynamics of BK channel expression in gills during smoltification of Atlantic Salmon under farm conditions. Aquaculture, 2021, 534, 736327.	1.7	0
141	The fasted and post-prandial physiological responses of the Patagonian blennie Eleginops maclovinus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 267, 111158.	0.8	0
142	Francisella noatunensis modulates the hepatic profile of fatty acids in Patagonian blennie Eleginops maclovinus. Aquaculture, 2022, 552, 738010.	1.7	0
143	Identification of multiple TAR DNA binding protein retropseudogene lineages during the evolution of primates. Scientific Reports, 2022, 12, 3823.	1.6	0