Carlo C Lazado

List of Publications by Year
in descending order

61	2,199	257450 24	233421 45
papers	citations	h-index	g-index

61	61	61	1998
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exogenous sulphide donors modify the gene expression patterns of Atlantic salmon nasal leukocytes. Fish and Shellfish Immunology, 2022, 120, 1-10.	3.6	6
2	Intermittent administration of peracetic acid is a mild environmental stressor that elicits mucosal and systemic adaptive responses from Atlantic salmon post-smolts. BMC Zoology, 2022, 7, .	1.0	13
3	Acute dose-response exposure of a peracetic acid-based disinfectant to Atlantic salmon parr reared in recirculating aquaculture systems. Aquaculture, 2022, 554, 738142.	3.5	8
4	Evaluation of a Recirculating Aquaculture System Research Facility Designed to Address Current Knowledge Needs in Atlantic Salmon Production. Frontiers in Animal Science, 2022, 3, .	1.9	6
5	The circulating plasma metabolome of Neoparamoeba perurans-infected Atlantic salmon (Salmo salar). Microbial Pathogenesis, 2022, 166, 105553.	2.9	1
6	Mode of Application of Peracetic Acid-Based Disinfectants has a Minimal Influence on the Antioxidant Defences and Mucosal Structures of Atlantic Salmon (Salmo salar) Parr. Frontiers in Physiology, 2022, 13, .	2.8	2
7	Impact of ozone treatment on dissolved organic matter in land-based recirculating aquaculture systems studied by Fourier transform ion cyclotron resonance mass spectrometry. Science of the Total Environment, 2022, 843, 157009.	8.0	9
8	Crowding reshapes the mucosal but not the systemic response repertoires of Atlantic salmon to peracetic acid. Aquaculture, 2021, 531, 735830.	3.5	13
9	Survey findings of disinfection strategies at selected Norwegian and North American land-based RAS facilities: A comparative insight. Aquaculture, 2021, 532, 736038.	3.5	15
10	The optimum velocity for Atlantic salmon post-smolts in RAS is a compromise between muscle growth and fish welfare. Aquaculture, 2021, 532, 736076.	3.5	31
11	Dynamic morphometrics of mucous cells reveal the minimal impact of therapeutic doses of peracetic acid on Atlantic salmon gill health. Aquaculture, 2021, 534, 736315.	3.5	11
12	Chemically and Green Synthesized ZnO Nanoparticles Alter Key Immunological Molecules in Common Carp (Cyprinus carpio) Skin Mucus. International Journal of Molecular Sciences, 2021, 22, 3270.	4.1	64
13	Transcriptome Responses of Atlantic Salmon (Salmo salar L.) to Viral and Bacterial Pathogens, Inflammation, and Stress. Frontiers in Immunology, 2021, 12, 705601.	4.8	16
14	Consequences of continuous ozonation on the health and welfare of Atlantic salmon post-smolts in a brackish water recirculating aquaculture system. Aquatic Toxicology, 2021, 238, 105935.	4.0	7
15	Vitamin C Mitigates Oxidative Stress and Behavioral Impairments Induced by Deltamethrin and Lead Toxicity in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 12714.	4.1	26
16	Multiomics Provide Insights into the Key Molecules and Pathways Involved in the Physiological Adaptation of Atlantic Salmon (Salmo salar) to Chemotherapeutic-Induced Oxidative Stress. Antioxidants, 2021, 10, 1931.	5.1	7
17	Oxidant-induced modifications in the mucosal transcriptome and circulating metabolome of Atlantic salmon. Aquatic Toxicology, 2020, 227, 105625.	4.0	18
18	The Effects of Ozone on Atlantic Salmon Post-Smolt in Brackish Waterâ€"Establishing Welfare Indicators and Thresholds. International Journal of Molecular Sciences, 2020, 21, 5109.	4.1	26

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19	Oxidative Chemical Stressors Alter the Physiological State of the Nasal Olfactory Mucosa of Atlantic Salmon. Antioxidants, 2020, 9, 1144.	5.1	15
20	Morphomolecular alterations in the skin mucosa of Atlantic salmon (Salmo salar) after exposure to peracetic acid-based disinfectant. Aquaculture Reports, 2020, 17, 100368.	1.7	10
21	Temporal control of responses to chemically induced oxidative stress in the gill mucosa of Atlantic salmon (Salmo salar). Journal of Photochemistry and Photobiology B: Biology, 2020, 205, 111851.	3.8	15
22	Antioxidative, histological and immunological responses of rainbow trout after periodic and continuous exposures to a peracetic acid-based disinfectant. Aquaculture, 2020, 520, 734956.	3.5	16
23	The 1st international symposium on mucosal health in aquaculture â€“ MHA2019. Tissue Barriers, 2020, 8, 1712177.	3.2	1
24	Dietary inclusion of Antarctic krill meal during the finishing feed period improves health and fillet quality of Atlantic salmon (Salmo salarL.). British Journal of Nutrition, 2020, 124, 418-431.	2.3	23
25	Decay of peracetic acid in seawater and implications for its chemotherapeutic potential in aquaculture. Aquaculture Environment Interactions, 2020, 12, 153-165.	1.8	17
26	Atlantic salmon (Salmo salar) mounts systemic and mucosal stress responses to peracetic acid. Fish and Shellfish Immunology, 2019, 93, 895-903.	3.6	39
27	The gut mucosal barrier of zebrafish (Danio rerio) responds to the time-restricted delivery of Lobosphaera incisa-enriched diets. Fish and Shellfish Immunology, 2019, 89, 368-377.	3.6	9
28	Mucosal Barrier Functions of Fish under Changing Environmental Conditions. Fishes, 2019, 4, 2.	1.7	93
29	Secretory Proteins in the Skin Mucus of Nile Tilapia (Oreochromis niloticus) are Modulated Temporally by Photoperiod and Bacterial Endotoxin Cues. Fishes, 2019, 4, 57.	1.7	9
30	First report of Streptococcus parauberis in a cultured freshwater ornamental fish, the ram cichlid Mikrogeophagus ramirezi (Myers & Harry, 1948). Journal of Fish Diseases, 2018, 41, 161-164.	1.9	6
31	Interplay between daily rhythmic serum-mediated bacterial killing activity and immune defence factors in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2018, 72, 418-425.	3.6	30
32	Pathogenic characteristics ofAeromonas veroniiisolated from the liver of a diseased guppy (Poecilia reticulata). Letters in Applied Microbiology, 2018, 67, 476-483.	2.2	23
33	Aqualase^{Â®}, a yeast-based in-feed probiotic, modulates intestinal microbiota, immunity and growth of rainbow troutOncorhynchus mykiss. Aquaculture Research, 2017, 48, 1815-1826.	1.8	54
34	Rhythmicity and plasticity of digestive physiology in a euryhaline teleost fish, permit (Trachinotus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2017, 212, 107-116.	1.8	11
35	Host-derived probiotics Enterococcus casseliflavus improves resistance against Streptococcus iniae infection in rainbow trout (Oncorhynchus mykiss) via immunomodulation. Fish and Shellfish Immunology, 2016, 52, 198-205.	3.6	85
36	Probiotics as beneficial microbes in aquaculture: an update on their multiple modes of action: a review. Veterinary Quarterly, 2016, 36, 228-241.	6.7	238

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37	Innate immune defenses exhibit circadian rhythmicity and differential temporal sensitivity to a bacterial endotoxin in Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2016, 55, 613-622.	3.6	41
38	Dietary phytoimmunostimulant Persian hogweed (Heracleum persicum) has more remarkable impacts on skin mucus than on serum in common carp (Cyprinus carpio). Fish and Shellfish Immunology, 2016, 59, 77-82.	3.6	53
39	Humoral and mucosal defense molecules rhythmically oscillate during a lightâ€“dark cycle in permit, Trachinotus falcatus. Fish and Shellfish Immunology, 2015, 47, 902-912.	3.6	37
40	Prospects of host-associated microorganisms in fish and penaeids as probiotics with immunomodulatory functions. Fish and Shellfish Immunology, 2015, 45, 2-12.	3.6	178
41	Cortisol levels and expression of selected stress- and apoptosis-related genes in the embryos of Atlantic cod, Gadus morhua following short-term exposure to air. International Aquatic Research, 2015, 7, 75-84.	1.5	5
42	Nutritional impacts on fish mucosa: immunostimulants, pre- and probiotics. , 2015, , 211-272.		35
43	In vitro and ex vivo models indicate that the molecular clock in fast skeletal muscle of Atlantic cod is not autonomous. Molecular Biology Reports, 2014, 41, 6679-6689.	2.3	5
44	Mucosal immunity and probiotics in fish. Fish and Shellfish Immunology, 2014, 39, 78-89.	3.6	320
45	Short-term handling stress affects the humoral immune responses of juvenile Atlantic cod, Gadus morhua. Aquaculture International, 2014, 22, 1283-1293.	2.2	7
46	Probioticsâ€“pathogen interactions elicit differential regulation of cutaneous immune responses in epidermal cells of Atlantic cod Gadus morhua. Fish and Shellfish Immunology, 2014, 36, 113-119.	3.6	26
47	Atlantic cod in the dynamic probiotics research in aquaculture. Aquaculture, 2014, 424-425, 53-62.	3.5	38
48	Bacterial viability differentially influences the immunomodulatory capabilities of potential host-derived probiotics in the intestinal epithelial cells of Atlantic cod Gadus morhua. Journal of Applied Microbiology, 2014, 116, 990-998.	3.1	25
49	Daily Rhythmicity of Clock Gene Transcripts in Atlantic Cod Fast Skeletal Muscle. PLoS ONE, 2014, 9, e99172.	2.5	57
50	Enzymes from the gut bacteria of Atlantic cod, Gadus morhua and their influence on intestinal enzyme activity. Aquaculture Nutrition, 2012, 18, 423-431.	2.7	40
51	Transcription of selected immune-related genes in spleen cells of cod, Gadus morhua following incubation with alginic acid and Î²-glucan. Journal of Experimental Marine Biology and Ecology, 2012, 416-417, 202-207.	1.5	13
52	Activation of intestinal epithelial cells in Atlantic cod, Gadus morhua, induced by algal derivatives. Aquaculture Research, 2012, 43, 1194-1199.	1.8	4
53	Differential expression of immune and stress genes in the skin of Atlantic cod (Gadus morhua). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2011, 6, 158-162.	1.0	28
54	In vitro adherence of two candidate probiotics from Atlantic cod and their interference with the adhesion of two pathogenic bacteria. Veterinary Microbiology, 2011, 148, 252-259.	1.9	70

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55	Influence of alginic acid and fucoidan on the immune responses of head kidney leukocytes in cod. Fish Physiology and Biochemistry, 2011, 37, 603-612.	2.3	40
56	Characterization of GP21 and GP12: Two Potential Probiotic Bacteria Isolated from the Gastrointestinal Tract of Atlantic Cod. Probiotics and Antimicrobial Proteins, 2010, 2, 126-134.	3.9	45
57	Responses of Atlantic cod Gadus morhua head kidney leukocytes to phytase produced by gastrointestinal-derived bacteria. Fish Physiology and Biochemistry, 2010, 36, 883-891.	2.3	18
58	Unmethylated CpG oligodeoxynucleotides activate head kidney leukocytes of Atlantic cod, Gadus morhua. Fish Physiology and Biochemistry, 2010, 36, 1151-1158.	2.3	5
59	Expression profiles of genes associated with immune response and oxidative stress in Atlantic cod, Gadus morhua head kidney leukocytes modulated by live and heat-inactivated intestinal bacteria. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 249-255.	1.6	53
60	Infection-induced changes in expression of antibacterial and cytokine genes in the gill epithelial cells of Atlantic cod, Gadus morhua during incubation with bacterial pathogens. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 319-325.	1.6	83
61	Health and Welfare of Atlantic Salmon in FishGLOBE V5 â€“ a Novel Closed Containment System at Sea. Frontiers in Animal Science, 0, 3, .	1.9	0