Felipe E Reyes-LÃ³pez

List of Publications by Year
in descending order

66 papers	1,777 citations	257101 24 h-index	315357 38 g-index
77 all docs	77 docs citations	77 times ranked	1730 citing authors

#	Article	IF	Citations
1	The response of fish to immunostimulant diets. Fish and Shellfish Immunology, 2016, 56, 34-69.	1.6	260
2	Mucosal Immunity and B Cells in Teleosts: Effect of Vaccination and Stress. Frontiers in Immunology, 2015, 6, 354.	2.2	143
3	Differential immune gene expression profiles in susceptible and resistant full-sibling families of Atlantic salmon (Salmo salar) challenged with infectious pancreatic necrosis virus (IPNV). Developmental and Comparative Immunology, 2015, 53, 210-221.	1.0	72
4	Comparative assessment of cortisol in plasma, skin mucus and scales as a measure of the hypothalamic-pituitary-interrenal axis activity in fish. Aquaculture, 2019, 506, 410-416.	1.7	61
5	Comparative Immune- and Stress-Related Transcript Response Induced by Air Exposure and Vibrio anguillarum Bacterin in Rainbow Trout (Oncorhynchus mykiss) and Gilthead Seabream (Sparus aurata) Mucosal Surfaces. Frontiers in Immunology, 2018, 9, 856.	2.2	55
6	IPNV modulation of pro and anti-inflammatory cytokine expression in Atlantic salmon might help the establishment of infection and persistence. Fish and Shellfish Immunology, 2012, 32, 291-300.	1.6	51
7	Phytogenic Bioactive Compounds Shape Fish Mucosal Immunity. Frontiers in Immunology, 2021, 12, 695973.	2.2	47
8	Comparative study of stress and immune-related transcript outcomes triggered by Vibrio anguillarum bacterin and air exposure stress in liver and spleen of gilthead seabream (Sparus aurata), zebrafish (Danio rerio) and rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2019, 86, 436-448.	1.6	40
9	Neisseria gonorrhoeae induced disruption of cell junction complexes in epithelial cells of the human genital tract. Microbes and Infection, 2012, 14, 290-300.	1.0	39
10	Induction of anti-inflammatory cytokine expression by IPNV in persistent infection. Fish and Shellfish Immunology, 2014, 41, 172-182.	1.6	38
11	Neuroendocrine and Immune Responses Undertake Different Fates following Tryptophan or Methionine Dietary Treatment: Tales from a Teleost Model. Frontiers in Immunology, 2017, 8, 1226.	2.2	38
12	Effect of yeast (Xanthophyllomyces dendrorhous) and plant (Saint John's wort, lemon balm, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.6	38
13	Modulation of Innate Immune-Related Genes and Glucocorticoid Synthesis in Gnotobiotic Full-Sibling European Sea Bass (Dicentrarchus labrax) Larvae Challenged With Vibrio anguillarum. Frontiers in Immunology, 2018, 9, 914.	2.2	37
14	The growth promoting and immunomodulatory effects of a medicinal plant leaf extract obtained from Salvia officinalis and Lippia citriodora in gilthead seabream (Sparus aurata). Aquaculture, 2020, 524, 735291.	1.7	36
15	Effects of Chronic Cortisol Administration on Global Expression of GR and the Liver Transcriptome in Sparus aurata. Marine Biotechnology, 2013, 15, 104-114.	1.1	34
16	Fish Cytokines and Immune Response. , 0, , .		33
17	Identification of genes involved in immune response of Atlantic salmon (Salmo salar) to IPN virus infection, using expressed sequence tag (EST) analysis. Aquaculture, 2011, 318, 54-60.	1.7	32
18	Modulatory inÂvitro effect of stress hormones on the cytokine response of rainbow trout and gilthead sea bream head kidney stimulated with Vibrio anguillarum bacterin. Fish and Shellfish Immunology, 2017, 70, 736-749.	1.6	31

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19	Adaptation to host in Vibrio vulnificus, a zoonotic pathogen that causes septicemia in fish and humans. Environmental Microbiology, 2019, 21, 3118-3139.	1.8	29
20	Genome-Wide Association Analysis for Resistance to Infectious Pancreatic Necrosis Virus Identifies Candidate Genes Involved in Viral Replication and Immune Response in Rainbow Trout (Oncorhynchus mykiss). G3: Genes, Genomes, Genetics, 2019, 9, 2897-2904.	0.8	29
21	The Rapid Antigen Detection Test for SARS-CoV-2 Underestimates the Identification of COVID-19 Positive Cases and Compromises the Diagnosis of the SARS-CoV-2 (K417N/T, E484K, and N501Y) Variants. Frontiers in Public Health, 2021, 9, 780801.	1.3	29
22	Analysis of the Long-Lived Responses Induced by Immunostimulants and Their Effects on a Viral Infection in Zebrafish (Danio rerio). Frontiers in Immunology, 2018, 9, 1575.	2.2	28
23	Single-Nucleotide Polymorphisms (SNP) Mining and Their Effect on the Tridimensional Protein Structure Prediction in a Set of Immunity-Related Expressed Sequence Tags (EST) in Atlantic Salmon (Salmo salar). Frontiers in Genetics, 2019, 10, 1406.	1.1	28
24	Environmentally-realistic concentration of cadmium combined with polyunsaturated fatty acids enriched diets modulated non-specific immunity in rainbow trout. Aquatic Toxicology, 2018, 196, 104-116.	1.9	27
25	Unveiling the effect of dietary essential oils supplementation in Sparus aurata gills and its efficiency against the infestation by Sparicotyle chrysophrii. Scientific Reports, 2020, 10, 17764.	1.6	27
26	Identification of CD3Ê›, CD4, CD8Î² splice variants of Atlantic salmon. Fish and Shellfish Immunology, 2011, 31, 815-22.	1.6	26
27	Inhibitory Effect of a Nucleotide Analog on Infectious Salmon Anemia Virus Infection. Journal of Virology, 2011, 85, 8037-8045.	1.5	25
28	Cytokine modulation by stress hormones and antagonist specific hormonal inhibition in rainbow trout (Oncorhynchus mykiss) and gilthead sea bream (Sparus aurata) head kidney primary cell culture. General and Comparative Endocrinology, 2017, 250, 122-135.	0.8	24
29	Pichia pastoris yeast as a vehicle for oral vaccination of larval and adult teleosts. Fish and Shellfish Immunology, 2019, 85, 52-60.	1.6	24
30	Carvacrol, Thymol, and Garlic Essential Oil Promote Skin Innate Immunity in Gilthead Seabream (Sparus aurata) Through the Multifactorial Modulation of the Secretory Pathway and Enhancement of Mucus Protective Capacity. Frontiers in Immunology, 2021, 12, 633621.	2.2	24
31	Diet, Immunity, and Microbiota Interactions: An Integrative Analysis of the Intestine Transcriptional Response and Microbiota Modulation in Gilthead Seabream (Sparus aurata) Fed an Essential Oils-Based Functional Diet. Frontiers in Immunology, 2021, 12, 625297.	2.2	24
32	Cellular and transcriptomic response to treatment with the probiotic candidate Vibrio lentus in gnotobiotic sea bass (Dicentrarchus labrax) larvae. Fish and Shellfish Immunology, 2017, 63, 147-156.	1.6	23
33	Physiological and immune response of juvenile rainbow trout to dietary bovine lactoferrin. Fish and Shellfish Immunology, 2017, 71, 359-371.	1.6	22
34	Variations in the immune and metabolic response of proactive and reactive Sparus aurata under stimulation with Vibrio anguillarum vaccine. Scientific Reports, 2018, 8, 17352.	1.6	22
35	Non-lysosomal Activation in Macrophages of Atlantic Salmon (Salmo salar) After Infection With Piscirickettsia salmonis. Frontiers in Immunology, 2019, 10, 434.	2.2	22
36	The Effect of the Environmental Temperature on the Adaptation to Host in the Zoonotic Pathogen Vibrio vulnificus. Frontiers in Microbiology, 2020, 11, 489.	1.5	22

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37	Divergent responses to peptidoglycans derived from different E. coli serotypes influence inflammatory outcome in trout, Oncorhynchus mykiss, macrophages. BMC Genomics, 2011, 12, 34.	1.2	18
38	Skin Multi-Omics-Based Interactome Analysis: Integrating the Tissue and Mucus Exuded Layer for a Comprehensive Understanding of the Teleost Mucosa Functionality as Model of Study. Frontiers in Immunology, 2020, 11, 613824.	2.2	17
39	GAS1: A New Î²-Glucan Immunostimulant Candidate to Increase Rainbow Trout (Oncorhynchus mykiss) Resistance to Bacterial Infections With Aeromonas salmonicida achromogenes. Frontiers in Immunology, 2021, 12, 693613.	2.2	16
40	Medicinal Plant Leaf Extract From Sage and Lemon Verbena Promotes Intestinal Immunity and Barrier Function in Gilthead Seabream (Sparus aurata). Frontiers in Immunology, 2021, 12, 670279.	2.2	13
41	Evaluation of the Immune Response Induced by CoronaVac 28-Day Schedule Vaccination in a Healthy Population Group. Frontiers in Immunology, 2021, 12, 766278.	2.2	13
42	Toxicogenomics of Gold Nanoparticles in a Marine Fish: Linkage to Classical Biomarkers. Frontiers in Marine Science, 2019, 6, .	1.2	12
43	Brain and Pituitary Response to Vaccination in Gilthead Seabream (Sparus aurata L.). Frontiers in Physiology, 2019, 10, 717.	1.3	11
44	Analysis by realâ€time PCR of five transport and conservation mediums of nasopharyngeal swab samples to COVIDâ€19 diagnosis in Santiago of Chile. Journal of Medical Virology, 2022, 94, 1167-1174.	2.5	11
45	An Enriched European Eel Transcriptome Sheds Light upon Host-Pathogen Interactions with Vibrio vulnificus. PLoS ONE, 2015, 10, e0133328.	1.1	10
46	Modulation of immune genes mRNA levels in mucosal tissues and DNA damage in red blood cells of Sparus aurata by gold nanoparticles. Marine Pollution Bulletin, 2018, 133, 428-435.	2.3	9
47	The Analysis of Live-Attenuated Piscirickettsia salmonis Vaccine Reveals the Short-Term Upregulation of Innate and Adaptive Immune Genes in Atlantic Salmon (Salmo salar): An In Situ Open-Sea Cages Study. Microorganisms, 2021, 9, 703.	1.6	9
48	Smartphone screen testing, a novel pre-diagnostic method to identify SARS-CoV-2 infectious individuals. ELife, 2021, 10, .	2.8	9
49	Infectious pancreatic necrosis virus in salmonids: Molecular epidemiology and host response to infection. Reviews in Aquaculture, 2022, 14, 751-769.	4.6	9
50	Porcine Protein Hydrolysates (PEPTEIVAÂ®) Promote Growth and Enhance Systemic Immunity in Gilthead Sea Bream (Sparus aurata). Animals, 2021, 11, 2122.	1.0	8
51	A Bioactive Extract Rich in Triterpenic Acid and Polyphenols from Olea europaea Promotes Systemic Immunity and Protects Atlantic Salmon Smolts Against Furunculosis. Frontiers in Immunology, 2021, 12, 737601.	2.2	8
52	Skin Mucus as a Relevant Low-Invasive Biological Matrix for the Measurement of an Acute Stress Response in Rainbow Trout (Oncorhynchus mykiss). Water (Switzerland), 2022, 14, 1754.	1.2	8
53	Non-Specific Antibodies Induce Lysosomal Activation in Atlantic Salmon Macrophages Infected by Piscirickettsia salmonis. Frontiers in Immunology, 2020, 11, 544718.	2.2	7
54	Divergent personalities influence the myogenic regulatory genes myostatin, myogenin and ghr2 transcript responses to Vibrio anguillarum vaccination in fish fingerlings (Sparus aurata). Physiology and Behavior, 2019, 212, 112697.	1.0	6

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55	Fas ligand+ fallopian tube epithelium induces apoptosis in both Fas receptor+ T lymphocytes and endometrial cells. Fertility and Sterility, 2013, 100, 550-560.e3.	0.5	5
56	Spray-Dried Porcine Plasma Promotes the Association Between Metabolic and Immunological Processes at Transcriptional Level in Gilthead Sea Bream (Sparus aurata) Gut. Frontiers in Marine Science, 2022, 9, .	1.2	4
57	The Comparative Analysis of Two RT-qPCR Kits for Detecting SARS-CoV-2 Reveals a Higher Risk of False-Negative Diagnosis in Samples with High Quantification Cycles for Viral and Internal Genes. Canadian Journal of Infectious Diseases and Medical Microbiology, 2022, 2022, 1-10.	0.7	4
58	Phytogenics From Sage and Lemon Verbena Promote Growth, Systemic Immunity and Disease Resistance in Atlantic Salmon (Salmo salar). Frontiers in Marine Science, 2022, 9, .	1.2	3
59	The Direct Exposure of Cortisol Does Not Modulate the Expression of Immune-Related Genes on Tissue Explants of Mucosal Surfaces in Rainbow Trout (Oncorhynchus mykiss) Nor in Gilthead Sea Bream (Sparus aurata). Frontiers in Marine Science, 2022, 9, .	1.2	3
60	Editorial: Oral Immune-Enhancing Research in Fish. Frontiers in Immunology, 2022, 13, 850026.	2.2	3
61	Description of Symptoms Caused by the Infection of the SARS-CoV-2 B.1.621 (Mu) Variant in Patients With Complete CoronaVac Vaccination Scheme: First Case Report From Santiago of Chile. Frontiers in Public Health, 2022, 10, 797569.	1.3	2
62	First Identification of Reinfection by a Genetically Different Variant of SARS-CoV-2 in a Homeless Person from the Metropolitan Area of Santiago, Chile. Journal of Environmental and Public Health, 2022, 2022, 1-6.	0.4	2
63	Sleeping With the Enemy? The Current Knowledge of Piscine Orthoreovirus (PRV) Immune Response Elicited to Counteract Infection. Frontiers in Immunology, 2022, 13, 768621.	2.2	1
64	A Transcriptomic Study Reveals That Fish Vibriosis Due to the Zoonotic Pathogen Vibrio vulnificus Is an Acute Inflammatory Disease in Which Erythrocytes May Play an Important Role. Frontiers in Microbiology, 2022, 13, 852677.	1.5	1
65	Hierarchical Failure Time Regression Using Mixtures for Classification of the Immune Response of Atlantic Salmon. Journal of Agricultural, Biological, and Environmental Statistics, 2014, 19, 501-521.	0.7	0
66	Vaccination and immune response of the pituitary in fish. Fish and Shellfish Immunology, 2019, 91, 444.	1.6	0