

Felipe E Reyes-López

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,777
citations

257450

24
h-index

315739

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. <i>Fish and Shellfish Immunology</i> , 2016, 56, 34-69.	3.6	260
2	Mucosal Immunity and B Cells in Teleosts: Effect of Vaccination and Stress. <i>Frontiers in Immunology</i> , 2015, 6, 354.	4.8	143
3	Differential immune gene expression profiles in susceptible and resistant full-sibling families of Atlantic salmon (<i>Salmo salar</i>) challenged with infectious pancreatic necrosis virus (IPNV). <i>Developmental and Comparative Immunology</i> , 2015, 53, 210-221.	2.3	72
4	Comparative assessment of cortisol in plasma, skin mucus and scales as a measure of the hypothalamic-pituitary-interrenal axis activity in fish. <i>Aquaculture</i> , 2019, 506, 410-416.	3.5	61
5	Comparative Immune- and Stress-Related Transcript Response Induced by Air Exposure and <i>Vibrio anguillarum</i> Bacterin in Rainbow Trout (<i>Oncorhynchus mykiss</i>) and Gilthead Seabream (<i>Sparus aurata</i>) Mucosal Surfaces. <i>Frontiers in Immunology</i> , 2018, 9, 856.	4.8	55
6	IPNV modulation of pro and anti-inflammatory cytokine expression in Atlantic salmon might help the establishment of infection and persistence. <i>Fish and Shellfish Immunology</i> , 2012, 32, 291-300.	3.6	51
7	Phytogenic Bioactive Compounds Shape Fish Mucosal Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 695973.	4.8	47
8	Comparative study of stress and immune-related transcript outcomes triggered by <i>Vibrio anguillarum</i> bacterin and air exposure stress in liver and spleen of gilthead seabream (<i>Sparus aurata</i>), zebrafish (<i>Danio rerio</i>) and rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2019, 86, 436-448.	3.6	40
9	<i>Neisseria gonorrhoeae</i> induced disruption of cell junction complexes in epithelial cells of the human genital tract. <i>Microbes and Infection</i> , 2012, 14, 290-300.	1.9	39
10	Induction of anti-inflammatory cytokine expression by IPNV in persistent infection. <i>Fish and Shellfish Immunology</i> , 2014, 41, 172-182.	3.6	38
11	Neuroendocrine and Immune Responses Undertake Different Fates following Tryptophan or Methionine Dietary Treatment: Tales from a Teleost Model. <i>Frontiers in Immunology</i> , 2017, 8, 1226.	4.8	38
12	Effect of yeast (<i>Xanthophyllomyces dendrorhous</i>) and plant (Saint John's wort, lemon balm, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.6	38
13	Modulation of Innate Immune-Related Genes and Glucocorticoid Synthesis in Gnotobiotic Full-Sibling European Sea Bass (<i>Dicentrarchus labrax</i>) Larvae Challenged With <i>Vibrio anguillarum</i> . <i>Frontiers in Immunology</i> , 2018, 9, 914.	4.8	37
14	The growth promoting and immunomodulatory effects of a medicinal plant leaf extract obtained from <i>Salvia officinalis</i> and <i>Lippia citriodora</i> in gilthead seabream (<i>Sparus aurata</i>). <i>Aquaculture</i> , 2020, 524, 735291.	3.5	36
15	Effects of Chronic Cortisol Administration on Global Expression of GR and the Liver Transcriptome in <i>Sparus aurata</i> . <i>Marine Biotechnology</i> , 2013, 15, 104-114.	2.4	34
16	Fish Cytokines and Immune Response. , 0 , , .		33
17	Identification of genes involved in immune response of Atlantic salmon (<i>Salmo salar</i>) to IPN virus infection, using expressed sequence tag (EST) analysis. <i>Aquaculture</i> , 2011, 318, 54-60.	3.5	32
18	Modulatory inÂvitro effect of stress hormones on the cytokine response of rainbow trout and gilthead sea bream head kidney stimulated with <i>Vibrio anguillarum</i> bacterin. <i>Fish and Shellfish Immunology</i> , 2017, 70, 736-749.	3.6	31

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19	Adaptation to host in <i>Vibrio vulnificus</i> , a zoonotic pathogen that causes septicemia in fish and humans. <i>Environmental Microbiology</i> , 2019, 21, 3118-3139.	3.8	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 (<i>Oncorhynchus mykiss</i>). <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2897-2904.	1.8	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. <i>Frontiers in Public Health</i> , 2021, 9, 780801.	2.7	29
22	Analysis of the Long-Lived Responses Induced by Immunostimulants and Their Effects on a Viral Infection in Zebrafish (<i>Danio rerio</i>). <i>Frontiers in Immunology</i> , 2018, 9, 1575.	4.8	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 (<i>Salmo salar</i>). <i>Frontiers in Genetics</i> , 2019, 10, 1406.	2.3	28
24	Environmentally-realistic concentration of cadmium combined with polyunsaturated fatty acids enriched diets modulated non-specific immunity in rainbow trout. <i>Aquatic Toxicology</i> , 2018, 196, 104-116.	4.0	27
25	Unveiling the effect of dietary essential oils supplementation in <i>Sparus aurata</i> gills and its efficiency against the infestation by <i>Sparicotyle chrysophrii</i> . <i>Scientific Reports</i> , 2020, 10, 17764.	3.3	27
26	Identification of CD3 ϵ , CD4, CD8 β splice variants of Atlantic salmon. <i>Fish and Shellfish Immunology</i> , 2011, 31, 815-22.	3.6	26
27	Inhibitory Effect of a Nucleotide Analog on Infectious Salmon Anemia Virus Infection. <i>Journal of Virology</i> , 2011, 85, 8037-8045.	3.4	25
28	Cytokine modulation by stress hormones and antagonist specific hormonal inhibition in rainbow trout (<i>Oncorhynchus mykiss</i>) and gilthead sea bream (<i>Sparus aurata</i>) head kidney primary cell culture. <i>General and Comparative Endocrinology</i> , 2017, 250, 122-135.	1.8	24
29	<i>Pichia pastoris</i> yeast as a vehicle for oral vaccination of larval and adult teleosts. <i>Fish and Shellfish Immunology</i> , 2019, 85, 52-60.	3.6	24
30	Carvacrol, Thymol, and Garlic Essential Oil Promote Skin Innate Immunity in Gilthead Seabream (<i>Sparus aurata</i>) Through the Multifactorial Modulation of the Secretory Pathway and Enhancement of Mucus Protective Capacity. <i>Frontiers in Immunology</i> , 2021, 12, 633621.	4.8	24
31	Diet, Immunity, and Microbiota Interactions: An Integrative Analysis of the Intestine Transcriptional Response and Microbiota Modulation in Gilthead Seabream (<i>Sparus aurata</i>) Fed an Essential Oils-Based Functional Diet. <i>Frontiers in Immunology</i> , 2021, 12, 625297.	4.8	24
32	Cellular and transcriptomic response to treatment with the probiotic candidate <i>Vibrio lentus</i> in gnotobiotic sea bass (<i>Dicentrarchus labrax</i>) larvae. <i>Fish and Shellfish Immunology</i> , 2017, 63, 147-156.	3.6	23
33	Physiological and immune response of juvenile rainbow trout to dietary bovine lactoferrin. <i>Fish and Shellfish Immunology</i> , 2017, 71, 359-371.	3.6	22
34	Variations in the immune and metabolic response of proactive and reactive <i>Sparus aurata</i> under stimulation with <i>Vibrio anguillarum</i> vaccine. <i>Scientific Reports</i> , 2018, 8, 17352.	3.3	22
35	Non-lysosomal Activation in Macrophages of Atlantic Salmon (<i>Salmo salar</i>) After Infection With <i>Piscirickettsia salmonis</i> . <i>Frontiers in Immunology</i> , 2019, 10, 434.	4.8	22
36	The Effect of the Environmental Temperature on the Adaptation to Host in the Zoonotic Pathogen <i>Vibrio vulnificus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 489.	3.5	22

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37	Divergent responses to peptidoglycans derived from different <i>E. coli</i> serotypes influence inflammatory outcome in trout, <i>Oncorhynchus mykiss</i> , macrophages. <i>BMC Genomics</i> , 2011, 12, 34.	2.8	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. <i>Frontiers in Immunology</i> , 2020, 11, 613824.	4.8	17
39	GAS1: A New Î²-Glucan Immunostimulant Candidate to Increase Rainbow Trout (<i>Oncorhynchus mykiss</i>) Resistance to Bacterial Infections With <i>Aeromonas salmonicida</i> achromogenes. <i>Frontiers in Immunology</i> , 2021, 12, 693613.	4.8	16
40	Medicinal Plant Leaf Extract From Sage and Lemon Verbena Promotes Intestinal Immunity and Barrier Function in Gilthead Seabream (<i>Sparus aurata</i>). <i>Frontiers in Immunology</i> , 2021, 12, 670279.	4.8	13
41	Evaluation of the Immune Response Induced by CoronaVac 28-Day Schedule Vaccination in a Healthy Population Group. <i>Frontiers in Immunology</i> , 2021, 12, 766278.	4.8	13
42	Toxicogenomics of Gold Nanoparticles in a Marine Fish: Linkage to Classical Biomarkers. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	12
43	Brain and Pituitary Response to Vaccination in Gilthead Seabream (<i>Sparus aurata</i> L.). <i>Frontiers in Physiology</i> , 2019, 10, 717.	2.8	11
44	Analysis by real-time PCR of five transport and conservation mediums of nasopharyngeal swab samples to COVIDâ€19 diagnosis in Santiago of Chile. <i>Journal of Medical Virology</i> , 2022, 94, 1167-1174.	5.0	11
45	An Enriched European Eel Transcriptome Sheds Light upon Host-Pathogen Interactions with <i>Vibrio vulnificus</i> . <i>PLoS ONE</i> , 2015, 10, e0133328.	2.5	10
46	Modulation of immune genes mRNA levels in mucosal tissues and DNA damage in red blood cells of <i>Sparus aurata</i> by gold nanoparticles. <i>Marine Pollution Bulletin</i> , 2018, 133, 428-435.	5.0	9
47	The Analysis of Live-Attenuated <i>Piscirickettsia salmonis</i> Vaccine Reveals the Short-Term Upregulation of Innate and Adaptive Immune Genes in Atlantic Salmon (<i>Salmo salar</i>): An In Situ Open-Sea Cages Study. <i>Microorganisms</i> , 2021, 9, 703.	3.6	9
48	Smartphone screen testing, a novel pre-diagnostic method to identify SARS-CoV-2 infectious individuals. <i>ELife</i> , 2021, 10, .	6.0	9
49	Infectious pancreatic necrosis virus in salmonids: Molecular epidemiology and host response to infection. <i>Reviews in Aquaculture</i> , 2022, 14, 751-769.	9.0	9
50	Porcine Protein Hydrolysates (PEPTEIVA®) Promote Growth and Enhance Systemic Immunity in Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Animals</i> , 2021, 11, 2122.	2.3	8
51	A Bioactive Extract Rich in Triterpenic Acid and Polyphenols from <i>Olea europaea</i> Promotes Systemic Immunity and Protects Atlantic Salmon Smolts Against Furunculosis. <i>Frontiers in Immunology</i> , 2021, 12, 737601.	4.8	8
52	Skin Mucus as a Relevant Low-Invasive Biological Matrix for the Measurement of an Acute Stress Response in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Water (Switzerland)</i> , 2022, 14, 1754.	2.7	8
53	Non-Specific Antibodies Induce Lysosomal Activation in Atlantic Salmon Macrophages Infected by <i>Piscirickettsia salmonis</i> . <i>Frontiers in Immunology</i> , 2020, 11, 544718.	4.8	7
54	Divergent personalities influence the myogenic regulatory genes myostatin, myogenin and ghr2 transcript responses to <i>Vibrio anguillarum</i> vaccination in fish fingerlings (<i>Sparus aurata</i>). <i>Physiology and Behavior</i> , 2019, 212, 112697.	2.1	6

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55	Fas ligand+ fallopian tube epithelium induces apoptosis in both Fas receptor+ T lymphocytes and endometrial cells. <i>Fertility and Sterility</i> , 2013, 100, 550-560.e3.	1.0	5
56	Spray-Dried Porcine Plasma Promotes the Association Between Metabolic and Immunological Processes at Transcriptional Level in Gilthead Sea Bream (<i>Sparus aurata</i>) Gut. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	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. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2022, 2022, 1-10.	1.9	4
58	Phytogenics From Sage and Lemon Verbena Promote Growth, Systemic Immunity and Disease Resistance in Atlantic Salmon (<i>Salmo salar</i>). <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	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 (<i>Oncorhynchus mykiss</i>) Nor in Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	3
60	Editorial: Oral Immune-Enhancing Research in Fish. <i>Frontiers in Immunology</i> , 2022, 13, 850026.	4.8	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. <i>Frontiers in Public Health</i> , 2022, 10, 797569.	2.7	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. <i>Journal of Environmental and Public Health</i> , 2022, 2022, 1-6.	0.9	2
63	Sleeping With the Enemy? The Current Knowledge of Piscine Orthoreovirus (PRV) Immune Response Elicited to Counteract Infection. <i>Frontiers in Immunology</i> , 2022, 13, 768621.	4.8	1
64	A Transcriptomic Study Reveals That Fish Vibriosis Due to the Zoonotic Pathogen <i>Vibrio vulnificus</i> Is an Acute Inflammatory Disease in Which Erythrocytes May Play an Important Role. <i>Frontiers in Microbiology</i> , 2022, 13, 852677.	3.5	1
65	Hierarchical Failure Time Regression Using Mixtures for Classification of the Immune Response of Atlantic Salmon. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2014, 19, 501-521.	1.4	0
66	Vaccination and immune response of the pituitary in fish. <i>Fish and Shellfish Immunology</i> , 2019, 91, 444.	3.6	0