

# Alejandro Romero

## List of Publications by Year in descending order

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35  
papers

1,493  
citations

301703

21  
h-index

352219

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zebrafish ( <i>Danio rerio</i> ) as a model for the study of vaccination against viral haemorrhagic septicemia virus (VHSV). <i>Vaccine</i> , 2006, 24, 5806-5816.	3.9	126
2	New Insights into the Apoptotic Process in Mollusks: Characterization of Caspase Genes in <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2011, 6, e17003.	2.5	110
3	Nanoplastics: From tissue accumulation to cell translocation into <i>Mytilus galloprovincialis</i> hemocytes. resilience of immune cells exposed to nanoplastics and nanoplastics plus <i>Vibrio splendidus</i> combination. <i>Journal of Hazardous Materials</i> , 2020, 388, 121788.	12.5	109
4	High-Throughput Sequence Analysis of Turbot ( <i>Scophthalmus maximus</i> ) Transcriptome Using 454-Pyrosequencing for the Discovery of Antiviral Immune Genes. <i>PLoS ONE</i> , 2012, 7, e35369.	2.5	101
5	Individual sequence variability and functional activities of fibrinogen-related proteins (FREPs) in the Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ) suggest ancient and complex immune recognition models in invertebrates. <i>Developmental and Comparative Immunology</i> , 2011, 35, 334-344.	2.2	94
6	<i>Mytilus galloprovincialis</i> Myticin C: A Chemotactic Molecule with Antiviral Activity and Immunoregulatory Properties. <i>PLoS ONE</i> , 2011, 6, e23140.	2.5	87
7	Zebrafish Nk-lysins: First insights about their cellular and functional diversification. <i>Developmental and Comparative Immunology</i> , 2015, 51, 148-159.	2.2	71
8	Genes of the Mitochondrial Apoptotic Pathway in <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2013, 8, e61502.	2.5	66
9	Antiviral Activity of Myticin C Peptide from Mussel: an Ancient Defense against Herpesviruses. <i>Journal of Virology</i> , 2016, 90, 7692-7702.	3.4	64
10	Occurrence, seasonality and infectivity of <i>Vibrio</i> strains in natural populations of mussels <i>Mytilus galloprovincialis</i> . <i>Diseases of Aquatic Organisms</i> , 2014, 108, 149-163.	1.0	61
11	Cellular Visualization of Macrophage Pyroptosis and Interleukin-1 $\beta$ Release in a Viral Hemorrhagic Infection in Zebrafish Larvae. <i>Journal of Virology</i> , 2014, 88, 12026-12040.	3.4	60
12	Establishment of Infection Models in Zebrafish Larvae ( <i>Danio rerio</i> ) to Study the Pathogenesis of <i>Aeromonas hydrophila</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1219.	3.5	51
13	Interferon-Induced Genes of the Expanded IFIT Family Show Conserved Antiviral Activities in Non-Mammalian Species. <i>PLoS ONE</i> , 2014, 9, e100015.	2.5	49
14	Nucleated Teleost Erythrocytes Play an Nk-Lysin- and Autophagy-Dependent Role in Antiviral Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1458.	4.8	46
15	Effect of the temperature during antiviral immune response ontogeny in teleosts. <i>Fish and Shellfish Immunology</i> , 2010, 29, 1019-1027.	3.7	44
16	IL-22 is a key player in the regulation of inflammation in fish and involves innate immune cells and PI3K signaling. <i>Developmental and Comparative Immunology</i> , 2013, 41, 746-755.	2.2	43
17	Gene expression profile analysis of Manila clam ( <i>Ruditapes philippinarum</i> ) hemocytes after a <i>Vibrio alginolyticus</i> challenge using an immune-enriched oligo-microarray. <i>BMC Genomics</i> , 2014, 15, 267.	2.9	41
18	Involvement of pore-forming molecules in immune defense and development of the Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ). <i>Developmental and Comparative Immunology</i> , 2011, 35, 1017-1031.	2.2	34

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19	An immune-enriched oligo-microarray analysis of gene expression in Manila clam ( <i>Venerupis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 275-286.	3.7	30
20	Rag1 immunodeficiency-induced early aging and senescence in zebrafish are dependent on chronic inflammation and oxidative stress. <i>Aging Cell</i> , 2019, 18, e13020.	6.7	29
21	Histological, serological and virulence studies on rainbow trout experimentally infected with recombinant infectious hematopoietic necrosis viruses. <i>Diseases of Aquatic Organisms</i> , 2005, 68, 17-28.	1.0	23
22	The Involvement of Cholesterol in Sepsis and Tolerance to Lipopolysaccharide Highlighted by the Transcriptome Analysis of Zebrafish ( <i>Danio rerio</i> ). <i>Zebrafish</i> , 2014, 11, 421-433.	1.2	20
23	Recombinant infectious hematopoietic necrosis viruses induce protection for rainbow trout <i>Oncorhynchus mykiss</i> . <i>Diseases of Aquatic Organisms</i> , 2008, 80, 123-135.	1.0	20
24	The Animal Model Determines the Results of <i>Aeromonas</i> Virulence Factors. <i>Frontiers in Microbiology</i> , 2016, 7, 1574.	3.5	17
25	Stimulation of <i>Mytilus galloprovincialis</i> Hemocytes With Different Immune Challenges Induces Differential Transcriptomic, miRNomic, and Functional Responses. <i>Frontiers in Immunology</i> , 2020, 11, 606102.	4.8	17
26	Extracellular traps (ETosis) can be activated through NADPH-dependent and -independent mechanisms in bivalve mollusks. <i>Developmental and Comparative Immunology</i> , 2020, 106, 103585.	2.2	15
27	Transcriptomic Analysis Reveals the Wound Healing Activity of Mussel Myticin C. <i>Biomolecules</i> , 2020, 10, 133.	4.1	15
28	Interaction of the attenuated recombinant rIHNV-Gvhsv GFP virus with macrophages from rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 119-129.	1.2	14
29	Genomic and transcriptomic identification of the cathepsin superfamily in the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Developmental and Comparative Immunology</i> , 2022, 127, 104286.	2.2	11
30	Analysis of mycobacterial infection-induced changes to host lipid metabolism in a zebrafish infection model reveals a conserved role for LDLR in infection susceptibility. <i>Fish and Shellfish Immunology</i> , 2018, 83, 238-242.	3.7	8
31	High-Throughput Sequencing of Environmental DNA as a Tool for Monitoring Eukaryotic Communities and Potential Pathogens in a Coastal Upwelling Ecosystem. <i>Frontiers in Veterinary Science</i> , 2021, 8, 765606.	2.3	8
32	Integrated transcriptomic and functional immunological approach for assessing the invasiveness of bivalve alien species. <i>Scientific Reports</i> , 2019, 9, 19879.	3.4	5
33	<i>Mytilus galloprovincialis</i> releases immunologically functional haemocytes to the intervalvar space in response to tissue injury and infection. <i>Fish and Shellfish Immunology</i> , 2023, 138, 108806.	3.7	2
34	Transcriptomic analysis of turbot ( <i>Scophthalmus maximus</i> ) treated with zymosan a reveals that lncRNAs and inflammation-related genes mediate the protection conferred against <i>Aeromonas salmonicida</i> . <i>Fish and Shellfish Immunology</i> , 2024, 147, 109456.	3.7	1
35	Screening of Microalgae for Bioactivity with Antiviral, Antibacterial, Anti-Inflammatory and Anti-Cancer Assays. <i>Biology</i> , 2024, 13, 255.	2.9	0