

# Alejandro Romero JÃ³dar

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,425  
citations

361045

20  
h-index

414034

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1783  
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.	1.7	123
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.	1.1	107
3	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.	1.1	100
4	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.	6.5	97
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.	1.0	94
6	<i>Mytilus galloprovincialis</i> Myticin C: A Chemotactic Molecule with Antiviral Activity and Immunoregulatory Properties. <i>PLoS ONE</i> , 2011, 6, e23140.	1.1	86
7	Zebrafish Nk-lysins: First insights about their cellular and functional diversification. <i>Developmental and Comparative Immunology</i> , 2015, 51, 148-159.	1.0	69
8	Antiviral Activity of Myticin C Peptide from Mussel: an Ancient Defense against Herpesviruses. <i>Journal of Virology</i> , 2016, 90, 7692-7702.	1.5	63
9	Genes of the Mitochondrial Apoptotic Pathway in <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2013, 8, e61502.	1.1	61
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.	0.5	59
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.	1.5	57
12	Interferon-Induced Genes of the Expanded IFIT Family Show Conserved Antiviral Activities in Non-Mammalian Species. <i>PLoS ONE</i> , 2014, 9, e100015.	1.1	48
13	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.	1.5	48
14	Effect of the temperature during antiviral immune response ontogeny in teleosts. <i>Fish and Shellfish Immunology</i> , 2010, 29, 1019-1027.	1.6	43
15	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.	1.0	42
16	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.	1.2	41
17	Nucleated Teleost Erythrocytes Play an Nk-Lysin- and Autophagy-Dependent Role in Antiviral Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1458.	2.2	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.	1.0	33

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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 11f 275-286.	1.6	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.	3.0	23
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.	0.5	22
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.	0.5	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.	0.5	20
24	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.	2.2	17
25	The Animal Model Determines the Results of <i>Aeromonas</i> Virulence Factors. <i>Frontiers in Microbiology</i> , 2016, 7, 1574.	1.5	16
26	Transcriptomic Analysis Reveals the Wound Healing Activity of Mussel Myticin C. <i>Biomolecules</i> , 2020, 10, 133.	1.8	15
27	Extracellular traps (ETosis) can be activated through NADPH-dependent and -independent mechanisms in bivalve mollusks. <i>Developmental and Comparative Immunology</i> , 2020, 106, 103585.	1.0	12
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.	0.5	10
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.	1.0	9
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.	1.6	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.	0.9	6
32	Integrated transcriptomic and functional immunological approach for assessing the invasiveness of bivalve alien species. <i>Scientific Reports</i> , 2019, 9, 19879.	1.6	5