Fernando Gil

List of Publications by Year
in descending order

36 papers	751 citations	516710 16 h-index	552781 26 g-index
36 all docs	36 docs citations	36 times ranked	947 citing authors

#	Article	IF	Citations
1	Participation of two sRNA RyhB homologs from the fish pathogen Yersinia ruckeri in bacterial physiology. Microbiological Research, 2021, 242, 126629.	5.3	9
2	The Small RNA RyhB Homologs from Salmonella Typhimurium Restrain the Intracellular Growth and Modulate the SPI-1 Gene Expression within RAW264.7 Macrophages. Microorganisms, 2021, 9, 635.	3.6	12
3	â€œOne for Allâ€ Functional Transfer of OMV-Mediated Polymyxin B Resistance From Salmonella enterica sv. Typhi Î”tolR and Î”degS to Susceptible Bacteria. Frontiers in Microbiology, 2021, 12, 672467.	3.5	17
4	The RNA Chaperone Hfq Participates in Persistence to Multiple Antibiotics in the Fish Pathogen Yersinia ruckeri. Microorganisms, 2021, 9, 1404.	3.6	2
5	CdsH Contributes to the Replication of Salmonella Typhimurium inside Epithelial Cells in a Cysteine-Supplemented Medium. Microorganisms, 2020, 8, 2019.	3.6	0
6	Evaluation of functionality of type II toxin-antitoxin systems of Clostridioides difficile R20291. Microbiological Research, 2020, 239, 126539.	5.3	4
7	Effect of antibiotic to induce Clostridioides difficile-susceptibility and infectious strain in a mouse model of Clostridioides difficile infection and recurrence. Anaerobe, 2020, 62, 102149.	2.1	6
8	The cis-encoded antisense RNA IsrA from Salmonella Typhimurium represses the expression of STM0294.1n (iasE), an SOS-induced gene coding for an endoribonuclease activity. Biochemical and Biophysical Research Communications, 2020, 526, 706-712.	2.1	4
9	Identification of Genes Involved in Biogenesis of Outer Membrane Vesicles (OMVs) in Salmonella enterica Serovar Typhi. Frontiers in Microbiology, 2019, 10, 104.	3.5	51
10	<i>Clostridioides (Clostridium) difficile</i>infection: current and alternative therapeutic strategies. Future Microbiology, 2018, 13, 469-482.	2.0	8
11	Indomethacin increases severity of <i>Clostridium difficile</i> infection in mouse model. Future Microbiology, 2018, 13, 1271-1281.	2.0	16
12	Identification of Escherichia coli strains for the heterologous overexpression of soluble Clostridium difficile exosporium proteins. Journal of Microbiological Methods, 2018, 154, 46-51.	1.6	2
13	Effect of antibiotic treatment on the formation of non-spore Clostridium difficile persister-like cells. Journal of Antimicrobial Chemotherapy, 2018, 73, 2396-2399.	3.0	4
14	Clostridium difficile exosporium cysteine-rich proteins are essential for the morphogenesis of the exosporium layer, spore resistance, and affect C. difficile pathogenesis. PLoS Pathogens, 2018, 14, e1007199.	4.7	61
15	Updates on Clostridium difficile spore biology. Anaerobe, 2017, 45, 3-9.	2.1	38
16	Characterization of the Adherence of Clostridium difficile Spores: The Integrity of the Outermost Layer Affects Adherence Properties of Spores of the Epidemic Strain R20291 to Components of the Intestinal Mucosa. Frontiers in Cellular and Infection Microbiology, 2016, 6, 99.	3.9	62
17	Genome Sequence of Clostridium paraputrificum 373-A1 Isolated in Chile from a Patient Infected with Clostridium difficile. Genome Announcements, 2016, 4, .	0.8	1
18	The NarE protein of<i>Neisseria gonorrhoeae</i>catalyzes ADP-ribosylation of several ADP-ribose acceptors despite an N-terminal deletion. FEMS Microbiology Letters, 2016, 363, fnw181.	1.8	5

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19	Lose to win: marT pseudogenization in Salmonella enterica serovar Typhi contributed to the surV -dependent survival to H 2 O 2 , and inside human macrophage-like cells. Infection, Genetics and Evolution, 2016, 45, 111-121.	2.3	18
20	Acyldepsipeptide antibiotics as a potential therapeutic agent against <i>Clostridium difficile</i> recurrent infections. Future Microbiology, 2016, 11, 1179-1189.	2.0	14
21	SalmonellaTyphimurium exhibits fluoroquinolone resistance mediated by the accumulation of the antioxidant molecule H2S in a CysK-dependent manner. Journal of Antimicrobial Chemotherapy, 2016, 71, 3409-3415.	3.0	11
22	A feed-forward loop between SroC and MgrR small RNAs modulates the expression of eptB and the susceptibility to polymyxin B in Salmonella Typhimurium. Microbiology (United Kingdom), 2016, 162, 1996-2004.	1.8	31
23	Participation of S. Typhimurium cysJIH Operon in the H2S-mediated Ciprofloxacin Resistance in Presence of Sulfate as Sulfur Source. Antibiotics, 2015, 4, 321-328.	3.7	4
24	CysB-dependent upregulation of the Salmonella Typhimurium cysJIH operon in response to antimicrobial compounds that induce oxidative stress. Biochemical and Biophysical Research Communications, 2015, 458, 46-51.	2.1	25
25	Hydrogen peroxide and hypochlorous acid influx through the major S. Typhimurium porin OmpD is affected by substitution of key residues of the channel. Archives of Biochemistry and Biophysics, 2015, 568, 38-45.	3.0	16
26	Pseudogenization of sopA and sopE2 is functionally linked and contributes to virulence of Salmonella enterica serovar Typhi. Infection, Genetics and Evolution, 2015, 33, 131-142.	2.3	22
27	Outcome of relapsing Clostridium difficile infections do not correlate with virulence-, spore- and vegetative cell-associated phenotypes. Anaerobe, 2015, 36, 30-38.	2.1	10
28	<i>Clostridium difficile</i> recurrent infection: possible implication of TA systems. Future Microbiology, 2015, 10, 1649-1657.	2.0	14
29	Motility modulation by the small non-coding RNA SroC in<i>Salmonella</i>Typhimurium. FEMS Microbiology Letters, 2015, 362, fnv135.	1.8	16
30	Role of Salmonella Typhimurium small RNAs RyhB-1 and RyhB-2 in the oxidative stress response. Research in Microbiology, 2014, 165, 30-40.	2.1	50
31	The small RNA RyhB homologs from Salmonella typhimurium participate in the response to S-nitrosoglutathione-induced stress. Biochemical and Biophysical Research Communications, 2014, 450, 641-645.	2.1	26
32	Participation of the Salmonella OmpD Porin in the Infection of RAW264.7 Macrophages and BALB/c Mice. PLoS ONE, 2014, 9, e111062.	2.5	24
33	Probing the ArcA regulon under aerobic/ROS conditions in Salmonella enterica serovar Typhimurium. BMC Genomics, 2013, 14, 626.	2.8	34
34	Hypochlorous acid and hydrogen peroxide-induced negative regulation of Salmonella enterica serovar Typhimurium ompW by the response regulator ArcA. BMC Microbiology, 2012, 12, 63.	3.3	46
35	Response regulator ArcA of Salmonella enterica serovar Typhimurium downregulates expression of OmpD, a porin facilitating uptake of hydrogen peroxide. Research in Microbiology, 2011, 162, 214-222.	2.1	29
36	The ompW (porin) gene mediates methyl viologen (paraquat) efflux in Salmonella enterica serovar Typhimurium. Research in Microbiology, 2007, 158, 529-536.	2.1	59