

# Francisco Garca-del Portillo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89  
papers

3,141  
citations

30  
h-index

54  
g-index

97  
ext. papers

3,691  
ext. citations

5.3  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
89	Peptidoglycan editing in non-proliferating intracellular Salmonella as source of interference with immune signaling.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010241	7.6	1
88	Acid stress signals are integrated into the B-dependent general stress response pathway via the stressosome in the food-borne pathogen <i>Listeria monocytogenes</i> .. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010213	7.6	3
87	Ferrous Iron Uptake Is Required for Salmonella to Persist within Vacuoles of Host Cells.. <i>Infection and Immunity</i> , <b>2022</b> , e0014922	3.7	2
86	Pathogenicity and virulence of : A trip from environmental to medical microbiology. <i>Virulence</i> , <b>2021</b> , 12, 2509-2545	4.7	8
85	requires the RsbX protein to prevent SigB-activation under non-stressed conditions. <i>Journal of Bacteriology</i> , <b>2021</b> , JB0048621	3.5	3
84	Activation of the <i>Listeria monocytogenes</i> Stressosome in the Intracellular Eukaryotic Environment. <i>Applied and Environmental Microbiology</i> , <b>2021</b> , 87, e0039721	4.8	3
83	Phase Variation in HMW1A Controls a Phenotypic Switch in <i>Haemophilus influenzae</i> Associated with Pathoadaptation during Persistent Infection. <i>MBio</i> , <b>2021</b> , 12, e0078921	7.8	2
82	Structure-based analyses of Salmonella RcsB variants unravel new features of the Rcs regulon. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 2357-2374	20.1	3
81	A Novel Periplasmic Protein Controlling Cell Wall Homeostasis and Virulence. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 633701	5.7	2
80	Balance between bacterial extracellular matrix production and intramacrophage proliferation by a Salmonella-specific SPI-2-encoded transcription factor. <i>Molecular Microbiology</i> , <b>2021</b> , 116, 1022-1032	4.1	1
79	NOD1 in the interplay between microbiota and gastrointestinal immune adaptations. <i>Pharmacological Research</i> , <b>2021</b> , 171, 105775	10.2	3
78	Building peptidoglycan inside eukaryotic cells: A view from symbiotic and pathogenic bacteria. <i>Molecular Microbiology</i> , <b>2020</b> , 113, 613-626	4.1	7
77	Mild Stress Conditions during Laboratory Culture Promote the Proliferation of Mutations That Negatively Affect Sigma B Activity in <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , <b>2020</b> , 202,	3.5	14
76	An alternative penicillin-binding protein involved in Salmonella relapses following ceftriaxone therapy. <i>EBioMedicine</i> , <b>2020</b> , 55, 102771	8.8	6
75	Impact of osmotic stress on the phosphorylation and subcellular location of <i>Listeria monocytogenes</i> stressosome proteins. <i>Scientific Reports</i> , <b>2020</b> , 10, 20837	4.9	7
74	Genome analysis of <i>Salmonella enterica</i> subsp. <i>diarizonae</i> isolates from invasive human infections reveals enrichment of virulence-related functions in lineage ST1256. <i>BMC Genomics</i> , <b>2019</b> , 20, 99	4.5	13
73	Salmonella Intracellular Lifestyles and Their Impact on Host-to-Host Transmission <b>2019</b> , 95-116		0

72	Conformational dynamism for DNA interaction in the Salmonella RcsB response regulator. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 456-472	20.1	12
71	HilD and PhoP independently regulate the expression of grhD1, a novel gene required for Salmonella Typhimurium invasion of host cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 4841	4.9	7
70	Two distinct penicillin binding proteins promote cell division in different lifestyles. <i>Microbial Cell</i> , <b>2018</b> , 5, 165-168	3.9	5
69	Within-Host Envelope Remodelling and its Impact in Bacterial Pathogen Recognition. <i>Current Issues in Molecular Biology</i> , <b>2018</b> , 25, 43-60	2.9	4
68	A Novel Class of Cationic and Non-Peptidic Small Molecules as Hits for the Development of Antimicrobial Agents. <i>Molecules</i> , <b>2018</b> , 23,	4.8	6
67	RNA-Seq unveils new attributes of the heterogeneous Salmonella-host cell communication. <i>RNA Biology</i> , <b>2017</b> , 14, 429-435	4.8	5
66	Draft Genome Sequence of subsp. Serovar Infantis Strain SPE101, Isolated from a Chronic Human Infection. <i>Genome Announcements</i> , <b>2017</b> , 5,		7
65	Single-cell analyses reveal an attenuated NF- $\kappa$ B response in the Salmonella-infected fibroblast. <i>Virulence</i> , <b>2017</b> , 8, 719-740	4.7	11
64	Listeria monocytogenes encodes a functional ESX-1 secretion system whose expression is detrimental to in vivo infection. <i>Virulence</i> , <b>2017</b> , 8, 993-1004	4.7	14
63	A Specialized Peptidoglycan Synthase Promotes Cell Division inside Host Cells. <i>MBio</i> , <b>2017</b> , 8,	7.8	19
62	Populations inside Host Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 432	5.9	30
61	A Disulfide Bond in the Membrane Protein IgaA Is Essential for Repression of the RcsCDB System. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2605	5.7	5
60	Characterization of Salmonella enterica isolates causing bacteremia in Lima, Peru, using multiple typing methods. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189946	3.7	12
59	Intracellular Lifestyles and Their Impact on Host-to-Host Transmission. <i>Microbiology Spectrum</i> , <b>2017</b> , 5,	8.9	14
58	Stabilization of the Virulence Plasmid pSLT of Typhimurium by Three Maintenance Systems and Its Evaluation by Using a New Stability Test. <i>Frontiers in Molecular Biosciences</i> , <b>2016</b> , 3, 66	5.6	18
57	A novel peptidoglycan D,L-endopeptidase induced by Salmonella inside eukaryotic cells contributes to virulence. <i>Molecular Microbiology</i> , <b>2016</b> , 99, 546-56	4.1	16
56	Listeria monocytogenes remodels the cell surface in the blood-stage. <i>Environmental Microbiology Reports</i> , <b>2016</b> , 8, 641-648	3.7	10
55	Toxin-antitoxins and bacterial virulence. <i>FEMS Microbiology Reviews</i> , <b>2016</b> , 40, 592-609	15.1	109

54	Intracellular Salmonella induces aggrephagy of host endomembranes in persistent infections. <i>Autophagy</i> , <b>2016</b> , 12, 1886-1901	10.2	20
53	Distinct type I and type II toxin-antitoxin modules control Salmonella lifestyle inside eukaryotic cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 9374	4.9	80
52	Bile-induced peptidoglycan remodelling in Salmonella enterica. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 1081-9	5.2	18
51	Epigenetic Control of Salmonella enterica O-Antigen Chain Length: A Tradeoff between Virulence and Bacteriophage Resistance. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005667	6	60
50	The Listeria monocytogenes LPXTG surface protein Lmo1413 is an invasin with capacity to bind mucin. <i>International Journal of Medical Microbiology</i> , <b>2014</b> , 304, 393-404	3.7	15
49	Dormant intracellular Salmonella enterica serovar Typhimurium discriminates among Salmonella pathogenicity island 2 effectors to persist inside fibroblasts. <i>Infection and Immunity</i> , <b>2014</b> , 82, 221-32	3.7	22
48	Non-coding RNA regulation in pathogenic bacteria located inside eukaryotic cells. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2014</b> , 4, 162	5.9	27
47	The Listeria Small RNA Rli27 Regulates a Cell Wall Protein inside Eukaryotic Cells by Targeting a Long 5'UTR Variant. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004765	6	37
46	Comparison of widely used Listeria monocytogenes strains EGD, 10403S, and EGD-e highlights genomic variations underlying differences in pathogenicity. <i>MBio</i> , <b>2014</b> , 5, e00969-14	7.8	140
45	An RpoS-dependent sRNA regulates the expression of a chaperone involved in protein folding. <i>Rna</i> , <b>2013</b> , 19, 1253-65	5.8	29
44	Occurrence of mutations impairing sigma factor B (SigB) function upon inactivation of Listeria monocytogenes genes encoding surface proteins. <i>Microbiology (United Kingdom)</i> , <b>2013</b> , 159, 1328-1339	2.9	12
43	Genome expression analysis of nonproliferating intracellular Salmonella enterica serovar Typhimurium unravels an acid pH-dependent PhoP-PhoQ response essential for dormancy. <i>Infection and Immunity</i> , <b>2013</b> , 81, 154-65	3.7	44
42	Increased bile resistance in Salmonella enterica mutants lacking Prc periplasmic protease. <i>International Microbiology</i> , <b>2013</b> , 16, 87-92	3	6
41	Extraction of cell wall-bound teichoic acids and surface proteins from Listeria monocytogenes. <i>Methods in Molecular Biology</i> , <b>2013</b> , 966, 289-308	1.4	3
40	Dynamics of Salmonella small RNA expression in non-growing bacteria located inside eukaryotic cells. <i>RNA Biology</i> , <b>2012</b> , 9, 469-88	4.8	55
39	Salmonella biofilm development depends on the phosphorylation status of RcsB. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 3708-22	3.5	48
38	Inverse regulation in the metabolic genes pckA and metE revealed by proteomic analysis of the Salmonella RcsCDB regulon. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 3386-98	5.6	6
37	Association of ActA to peptidoglycan revealed by cell wall proteomics of intracellular Listeria monocytogenes. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 34675-89	5.4	37

36	Identification of the Salmonella enterica damX gene product, an inner membrane protein involved in bile resistance. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 893-5	3.5	26
35	Salmonella enterica serovar typhimurium invades fibroblasts by multiple routes differing from the entry into epithelial cells. <i>Infection and Immunity</i> , <b>2010</b> , 78, 2700-13	3.7	55
34	Evaluation of isotope-coded protein labeling (ICPL) in the quantitative analysis of complex proteomes. <i>Talanta</i> , <b>2010</b> , 80, 1496-502	6.2	24
33	Roles of the outer membrane protein AsmA of Salmonella enterica in the control of marRAB expression and invasion of epithelial cells. <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 3615-22	3.5	24
32	The Listeria monocytogenes sortase-B recognizes varied amino acids at position 2 of the sorting motif. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 6140-6	5.4	17
31	Genome expression analyses revealing the modulation of the Salmonella Rcs regulon by the attenuator IgaA. <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 1855-67	3.5	42
30	Intracellular replication of attenuated Mycobacterium tuberculosis phoP mutant in the absence of host cell cytotoxicity. <i>Microbes and Infection</i> , <b>2009</b> , 11, 115-22	9.3	15
29	Growth control in the Salmonella-containing vacuole. <i>Current Opinion in Microbiology</i> , <b>2008</b> , 11, 46-52	7.9	47
28	Instability of the Salmonella RcsCDB signalling system in the absence of the attenuator IgaA. <i>Microbiology (United Kingdom)</i> , <b>2008</b> , 154, 1372-1383	2.9	20
27	Modulation of horizontally acquired genes by the Hha-YdgT proteins in Salmonella enterica serovar Typhimurium. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 1152-6	3.5	48
26	Heterogeneity in tissue culture infection models: a source of novel host-pathogen interactions?. <i>Microbes and Infection</i> , <b>2008</b> , 10, 1063-6	9.3	9
25	Pathogenomics: an updated European Research Agenda. <i>Infection, Genetics and Evolution</i> , <b>2008</b> , 8, 386-93	3.5	6
24	The GATC-binding protein SeqA is required for bile resistance and virulence in Salmonella enterica serovar typhimurium. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 8496-502	3.5	25
23	An important step in listeria lipoprotein research. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 294-7	3.5	2
22	Sigma(s)-Dependent carbon-starvation induction of pbpG (PBP 7) is required for the starvation-stress response in Salmonella enterica serovar Typhimurium. <i>Microbiology (United Kingdom)</i> , <b>2007</b> , 153, 2148-2158	2.9	11
21	DNA adenine methylation regulates virulence gene expression in Salmonella enterica serovar Typhimurium. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 8160-8	3.5	85
20	New concepts in Salmonella virulence: the importance of reducing the intracellular growth rate in the host. <i>Cellular Microbiology</i> , <b>2005</b> , 7, 901-9	3.9	57
19	Gp96 is a receptor for a novel Listeria monocytogenes virulence factor, Vip, a surface protein. <i>EMBO Journal</i> , <b>2005</b> , 24, 2827-38	13	150

18	Analysis of the <i>Listeria</i> cell wall proteome by two-dimensional nanoliquid chromatography coupled to mass spectrometry. <i>Proteomics</i> , <b>2005</b> , 5, 433-43	4.8	60
17	Identification of substrates of the <i>Listeria monocytogenes</i> sortases A and B by a non-gel proteomic analysis. <i>Proteomics</i> , <b>2005</b> , 5, 4808-17	4.8	60
16	Increased excision of the <i>Salmonella</i> prophage ST64B caused by a deficiency in Dam methylase. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 7901-11	3.5	21
15	Sortase B, a new class of sortase in <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 1972-82	3.5	87
14	The <i>Salmonella</i> membrane protein IgaA modulates the activity of the RcsC-YojN-RcsB and PhoP-PhoQ regulons. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 7481-9	3.5	23
13	Repression of the RcsC-YojN-RcsB phosphorelay by the IgaA protein is a requisite for <i>Salmonella</i> virulence. <i>Molecular Microbiology</i> , <b>2004</b> , 53, 1437-49	4.1	77
12	Role of the GGDEF protein family in <i>Salmonella</i> cellulose biosynthesis and biofilm formation. <i>Molecular Microbiology</i> , <b>2004</b> , 54, 264-77	4.1	190
11	Protein-peptidoglycan interactions modulate the assembly of the needle complex in the <i>Salmonella</i> invasion-associated type III secretion system. <i>Molecular Microbiology</i> , <b>2003</b> , 48, 573-85	4.1	31
10	Selection of small-colony variants of <i>Salmonella enterica</i> serovar typhimurium in nonphagocytic eucaryotic cells. <i>Infection and Immunity</i> , <b>2003</b> , 71, 3690-8	3.7	43
9	Inactivation of the <i>srtA</i> gene in <i>Listeria monocytogenes</i> inhibits anchoring of surface proteins and affects virulence. <i>Molecular Microbiology</i> , <b>2002</b> , 43, 869-81	4.1	197
8	Characterization of a novel intracellularly activated gene from <i>Salmonella enterica</i> serovar typhi. <i>Infection and Immunity</i> , <b>2002</b> , 70, 5404-11	3.7	10
7	Role of the RecBCD recombination pathway in <i>Salmonella</i> virulence. <i>Journal of Bacteriology</i> , <b>2002</b> , 184, 592-5	3.5	46
6	Analysis of <i>Salmonella</i> invasion protein-peptidoglycan interactions. <i>Methods in Enzymology</i> , <b>2002</b> , 358, 393-409	1.7	2
5	Regulation of capsule synthesis and cell motility in <i>Salmonella enterica</i> by the essential gene <i>igaA</i> . <i>Genetics</i> , <b>2002</b> , 162, 1513-23	4	94
4	<i>Salmonella</i> intracellular proliferation: where, when and how?. <i>Microbes and Infection</i> , <b>2001</b> , 3, 1305-11	9.3	65
3	Peptidoglycan structure of <i>Salmonella typhimurium</i> growing within cultured mammalian cells. <i>Molecular Microbiology</i> , <b>1997</b> , 23, 693-704	4.1	63
2	Identification of a <i>Salmonella</i> virulence gene required for formation of filamentous structures containing lysosomal membrane glycoproteins within epithelial cells. <i>Molecular Microbiology</i> , <b>1996</b> , 20, 151-64	4.1	242
1	The varied lifestyles of intracellular pathogens within eukaryotic vacuolar compartments. <i>Trends in Microbiology</i> , <b>1995</b> , 3, 373-80	12.4	122

