

# Bertha González-Pedrajo

## List of Publications by Year in descending order

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28  
papers

1,535  
citations

394421

19  
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501196

28  
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29  
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29  
docs citations

29  
times ranked

1531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between Quorum Sensing and Secretion Systems. <i>Frontiers in Microbiology</i> , 2019, 10, 1100.	3.5	176
2	Role of Sex Steroid Hormones in Bacterial-Host Interactions. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	160
3	Type Three Secretion System in Attaching and Effacing Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 129.	3.9	153
4	FliK, the protein responsible for flagellar hook length control in <i>Salmonella</i> , is exported during hook assembly. <i>Molecular Microbiology</i> , 1999, 34, 295-304.	2.5	141
5	Interactions between C ring proteins and export apparatus components: a possible mechanism for facilitating type III protein export. <i>Molecular Microbiology</i> , 2006, 60, 984-998.	2.5	102
6	Sexual dimorphism in bacterial infections. <i>Biology of Sex Differences</i> , 2018, 9, 27.	4.1	89
7	Molecular dissection of <i>Salmonella</i> FliH, a regulator of the ATPase FliI and the type III flagellar protein export pathway. <i>Molecular Microbiology</i> , 2002, 45, 967-982.	2.5	86
8	The ATPase FliI Can Interact with the Type III Flagellar Protein Export Apparatus in the Absence of Its Regulator, FliH. <i>Journal of Bacteriology</i> , 2003, 185, 3983-3988.	2.2	77
9	Roles of the extreme N-terminal region of FliH for efficient localization of the FliH-FliI complex to the bacterial flagellar type III export apparatus. <i>Molecular Microbiology</i> , 2009, 74, 1471-1483.	2.5	70
10	The FliH-FliI Interaction Mediates Localization of Flagellar Export ATPase FliI to the C Ring Complex. <i>Biochemistry</i> , 2006, 45, 11790-11798.	2.5	62
11	Interactions among Membrane and Soluble Components of the Flagellar Export Apparatus of <i>Salmonella</i> . <i>Biochemistry</i> , 2002, 41, 9516-9524.	2.5	57
12	Interactions of FliJ with the <i>Salmonella</i> Type III Flagellar Export Apparatus. <i>Journal of Bacteriology</i> , 2003, 185, 5546-5554.	2.2	55
13	Enzymatic characterization of the enteropathogenic <i>Escherichia coli</i> type III secretion ATPase EscN. <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 121-127.	3.0	46
14	The muramidase EtgA from enteropathogenic <i>Escherichia coli</i> is required for efficient type III secretion. <i>Microbiology (United Kingdom)</i> , 2011, 157, 1145-1160.	1.8	35
15	Role of EscP (Orf16) in Injectisome Biogenesis and Regulation of Type III Protein Secretion in Enteropathogenic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2012, 194, 6029-6045.	2.2	32
16	Novel insights into the mechanism of SepL-mediated control of effector secretion in enteropathogenic <i>Escherichia coli</i> . <i>MicrobiologyOpen</i> , 2018, 7, e00571.	3.0	29
17	Structural Properties of FliH, an ATPase Regulatory Component of the <i>Salmonella</i> Type III Flagellar Export Apparatus. <i>Journal of Molecular Biology</i> , 2002, 322, 281-290.	4.2	27
18	EscO, a Functional and Structural Analog of the Flagellar FliJ Protein, Is a Positive Regulator of EscN ATPase Activity of the Enteropathogenic <i>Escherichia coli</i> Injectisome. <i>Journal of Bacteriology</i> , 2014, 196, 2227-2241.	2.2	24

#	ARTICLE	IF	CITATIONS
19	Repurposed anti-cancer drugs: the future for anti-infective therapy?. <i>Expert Review of Anti-Infective Therapy</i> , 2020, 18, 609-612.	4.4	23
20	The race between drug introduction and appearance of microbial resistance. Current balance and alternative approaches. <i>Current Opinion in Pharmacology</i> , 2019, 48, 48-56.	3.5	22
21	AiiM Lactonase Strongly Reduces Quorum Sensing Controlled Virulence Factors in Clinical Strains of <i>Pseudomonas aeruginosa</i> Isolated From Burned Patients. <i>Frontiers in Microbiology</i> , 2019, 10, 2657.	3.5	19
22	Functional Characterization of EscK (Orf4), a Sorting Platform Component of the Enteropathogenic <i>Escherichia coli</i> Injectisome. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	18
23	Tetradecanoic Acids With Anti-Virulence Properties Increase the Pathogenicity of <i>Pseudomonas aeruginosa</i> in a Murine Cutaneous Infection Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 597517.	3.9	9
24	Anti-Pathogenic Properties of the Combination of a T3SS Inhibitory Halogenated Pyrrolidone with C-30 Furanone. <i>Molecules</i> , 2021, 26, 7635.	3.8	9
25	CesL Regulates Type III Secretion Substrate Specificity of the Enteropathogenic <i>E. coli</i> Injectisome. <i>Microorganisms</i> , 2021, 9, 1047.	3.6	5
26	Antivirulence Activity of a Dietary Phytochemical: Hibiscus Acid Isolated from <i>Hibiscus sabdariffa</i> L. Reduces the Virulence of <i>Pseudomonas aeruginosa</i> in a Mouse Infection Model. <i>Journal of Medicinal Food</i> , 2021, 24, 934-943.	1.5	5
27	Anti-Virulence Properties of Plant Species: Correlation between In Vitro Activity and Efficacy in a Murine Model of Bacterial Infection. <i>Microorganisms</i> , 2021, 9, 2424.	3.6	3
28	The BPtpA protein from <i>Burkholderia cenocepacia</i> belongs to a new subclass of low molecular weight protein tyrosine phosphatases. <i>Archives of Biochemistry and Biophysics</i> , 2020, 681, 108277.	3.0	1