

# Sara Beltrán Hernández

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6390808/publications.pdf>

Version: 2024-02-01

23  
papers

1,042  
citations

840585

11  
h-index

713332

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptidoglycan editing in non-proliferating intracellular Salmonella as source of interference with immune signaling. <i>PLoS Pathogens</i> , 2022, 18, e1010241.	2.1	11
2	l-Arabinose Induces the Formation of Viable Nonproliferating Spheroplasts in <i>Vibrio cholerae</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	6
3	Evidence for Involvement of the <i>Salmonella enterica</i> Z-Ring Assembly Factors ZapA and ZapB in Resistance to Bile. <i>Frontiers in Microbiology</i> , 2021, 12, 647305.	1.5	0
4	New approaches and techniques for bacterial cell wall analysis. <i>Current Opinion in Microbiology</i> , 2021, 60, 88-95.	2.3	8
5	Cell Wall Biology of <i>Vibrio cholerae</i> . <i>Annual Review of Microbiology</i> , 2021, 75, 151-174.	2.9	10
6	Unexpected Cell Wall Alteration-Mediated Bactericidal Activity of the Antifungal Caspofungin against Vancomycin-Resistant <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	6
7	A collection of bacterial isolates from the pig intestine reveals functional and taxonomic diversity. <i>Nature Communications</i> , 2020, 11, 6389.	5.8	269
8	Modulation of Peptidoglycan Synthesis by Recycled Cell Wall Tetrapeptides. <i>Cell Reports</i> , 2020, 31, 107578.	2.9	43
9	Peptidoglycan Muropeptides: Release, Perception, and Functions as Signaling Molecules. <i>Frontiers in Microbiology</i> , 2019, 10, 500.	1.5	137
10	Mutational and non mutational adaptation of <i>Salmonella enterica</i> to the gall bladder. <i>Scientific Reports</i> , 2019, 9, 5203.	1.6	11
11	Regulation of AmpC-Driven $\beta$ -Lactam Resistance in <i>Pseudomonas aeruginosa</i> : Different Pathways, Different Signaling. <i>MSystems</i> , 2019, 4, .	1.7	53
12	Muropeptides Stimulate Growth Resumption from Stationary Phase in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 18043.	1.6	10
13	Alterations in Peptidoglycan Cross-Linking Suppress the Secretin Assembly Defect Caused by Mutation of GspA in the Type II Secretion System. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	9
14	The UbiK protein is an accessory factor necessary for bacterial ubiquinone (UQ) biosynthesis and forms a complex with the UQ biogenesis factor UbiJ. <i>Journal of Biological Chemistry</i> , 2017, 292, 11937-11950.	1.6	35
15	Environmental roles of microbial amino acid racemases. <i>Environmental Microbiology</i> , 2016, 18, 1673-1685.	1.8	67
16	Ultra-Sensitive, High-Resolution Liquid Chromatography Methods for the High-Throughput Quantitative Analysis of Bacterial Cell Wall Chemistry and Structure. <i>Methods in Molecular Biology</i> , 2016, 1440, 11-27.	0.4	80
17	D-Alanine-Controlled Transient Intestinal Mono-Colonization with Non-Laboratory-Adapted Commensal <i>E. coli</i> Strain HS. <i>PLoS ONE</i> , 2016, 11, e0151872.	1.1	9
18	Epigenetic Control of <i>Salmonella enterica</i> O-Antigen Chain Length: A Tradeoff between Virulence and Bacteriophage Resistance. <i>PLoS Genetics</i> , 2015, 11, e1005667.	1.5	88

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19	Bile-induced peptidoglycan remodelling in <i>Salmonella enterica</i> . Environmental Microbiology, 2015, 17, 1081-1089.	1.8	29
20	Increased bile resistance in <i>Salmonella enterica</i> mutants lacking Prc periplasmic protease. International Microbiology, 2013, 16, 87-92.	1.1	9
21	Adaptation and Preadaptation of <i>Salmonella enterica</i> to Bile. PLoS Genetics, 2012, 8, e1002459.	1.5	118
22	Roles of the Outer Membrane Protein AsmA of <i>Salmonella enterica</i> in the Control of <i>marRAB</i> Expression and Invasion of Epithelial Cells. Journal of Bacteriology, 2009, 191, 3615-3622.	1.0	33
23	Of Bacteria and Bile. , 0, , 153-162.		0