

Daniel Paredes-Sabja

List of Publications by Year in descending order

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91
papers

3,380
citations

117453

34
h-index

174990

52
g-index

105
all docs

105
docs citations

105
times ranked

2505
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Clostridium difficile</i> spore biology: sporulation, germination, and spore structural proteins. Trends in Microbiology, 2014, 22, 406-416.	3.5	346
2	Germination of spores of Bacillales and Clostridiales species: mechanisms and proteins involved. Trends in Microbiology, 2011, 19, 85-94.	3.5	319
3	<i>Clostridium perfringens</i> Spore Germination: Characterization of Germinants and Their Receptors. Journal of Bacteriology, 2008, 190, 1190-1201.	1.0	143
4	SleC Is Essential for Cortex Peptidoglycan Hydrolysis during Germination of Spores of the Pathogenic Bacterium <i>Clostridium perfringens</i> . Journal of Bacteriology, 2009, 191, 2711-2720.	1.0	88
5	The <i>Clostridium difficile</i> Exosporium Cysteine (CdeC)-Rich Protein Is Required for Exosporium Morphogenesis and Coat Assembly. Journal of Bacteriology, 2013, 195, 3863-3875.	1.0	86
6	Characterization of <i>Clostridium perfringens</i> Spores That Lack SpoVA Proteins and Dipicolinic Acid. Journal of Bacteriology, 2008, 190, 4648-4659.	1.0	77
7	Adherence of <i>Clostridium difficile</i> spores to Caco-2 cells in culture. Journal of Medical Microbiology, 2012, 61, 1208-1218.	0.7	73
8	Protein composition of the outermost exosporium-like layer of <i>Clostridium difficile</i> 630 spores. Journal of Proteomics, 2015, 123, 1-13.	1.2	73
9	Characterization of the collagen-like exosporium protein, BclA1, of <i>Clostridium difficile</i> spores. Anaerobe, 2014, 25, 18-30.	1.0	72
10	Strategy to inactivate <i>Clostridium perfringens</i> spores in meat products. Food Microbiology, 2009, 26, 272-277.	2.1	70
11	The protease CspB is essential for initiation of cortex hydrolysis and dipicolinic acid (DPA) release during germination of spores of <i>Clostridium perfringens</i> type A food poisoning isolates. Microbiology (United Kingdom), 2009, 155, 3464-3472.	0.7	64
12	Characterization of the Adherence of <i>Clostridium difficile</i> 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.	1.8	62
13	<i>Clostridium difficile</i> toxins induce VEGF-A and vascular permeability to promote disease pathogenesis. Nature Microbiology, 2019, 4, 269-279.	5.9	62
14	Lauric Acid Is an Inhibitor of <i>Clostridium difficile</i> Growth in Vitro and Reduces Inflammation in a Mouse Infection Model. Frontiers in Microbiology, 2017, 8, 2635.	1.5	61
15	<i>Clostridium difficile</i> exosporium cysteine-rich proteins are essential for the morphogenesis of the exosporium layer, spore resistance, and affect <i>C. difficile</i> pathogenesis. PLoS Pathogens, 2018, 14, e1007199.	2.1	61
16	Sporulation and Germination in Clostridial Pathogens. Microbiology Spectrum, 2019, 7, .	1.2	60
17	Entry of spores into intestinal epithelial cells contributes to recurrence of <i>Clostridioides difficile</i> infection. Nature Communications, 2021, 12, 1140.	5.8	60
18	<i>Clostridium difficile</i> Spore-Macrophage Interactions: Spore Survival. PLoS ONE, 2012, 7, e43635.	1.1	59

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19	Inhibitory Effects of Nisin Against <i>Clostridium perfringens</i> , Food Poisoning and Nonfood-Borne Isolates. <i>Journal of Food Science</i> , 2012, 77, M51-6.	1.5	51
20	Ultrastructural Variability of the Exosporium Layer of <i>Clostridium difficile</i> Spores. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2202-2209.	1.4	51
21	Roles of DacB and Spm Proteins in <i>Clostridium perfringens</i> Spore Resistance to Moist Heat, Chemicals, and UV Radiation. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3730-3738.	1.4	49
22	Proteases and sonication specifically remove the exosporium layer of spores of <i>Clostridium difficile</i> strain 630. <i>Journal of Microbiological Methods</i> , 2013, 93, 25-31.	0.7	49
23	<i>Clostridium difficile</i> spores: a major threat to the hospital environment. <i>Future Microbiology</i> , 2014, 9, 475-486.	1.0	49
24	Ultrastructure Variability of the Exosporium Layer of <i>Clostridium difficile</i> Spores from Sporulating Cultures and Biofilms. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5892-5898.	1.4	46
25	Role of GerKB in Germination and Outgrowth of <i>Clostridium perfringens</i> Spores. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3813-3817.	1.4	43
26	The <i>Clostridium perfringens</i> Germinant Receptor Protein GerKC Is Located in the Spore Inner Membrane and Is Crucial for Spore Germination. <i>Journal of Bacteriology</i> , 2013, 195, 5084-5091.	1.0	42
27	Updates on the sporulation process in <i>Clostridium</i> species. <i>Research in Microbiology</i> , 2015, 166, 225-235.	1.0	41
28	Role of small, acid-soluble spore proteins in the resistance of <i>Clostridium perfringens</i> spores to chemicals. <i>International Journal of Food Microbiology</i> , 2008, 122, 333-335.	2.1	40
29	Hurdle Approach to Increase the Microbial Inactivation by High Pressure Processing: Effect of Essential Oils. <i>Food Engineering Reviews</i> , 2012, 4, 141-148.	3.1	39
30	Characterization of Chicken IgY Specific to <i>Clostridium difficile</i> R20291 Spores and the Effect of Oral Administration in Mouse Models of Initiation and Recurrent Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 365.	1.8	39
31	Inhibitory effects of polyphosphates on <i>Clostridium perfringens</i> growth, sporulation and spore outgrowth. <i>Food Microbiology</i> , 2008, 25, 802-808.	2.1	38
32	Updates on <i>Clostridium difficile</i> spore biology. <i>Anaerobe</i> , 2017, 45, 3-9.	1.0	38
33	Effect of microalgae on intestinal inflammation triggered by soybean meal and bacterial infection in zebrafish. <i>PLoS ONE</i> , 2017, 12, e0187696.	1.1	38
34	<i>hcr</i> (B), <i>hcr</i> (C), and a New <i>hcr</i> -Like Gene, <i>hcr</i> (E), in <i>Clostridium difficile</i> Strains Recovered across Latin America. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	1.4	37
35	Further Characterization of <i>Clostridium perfringens</i> Small Acid Soluble Protein-4 (Ssp4) Properties and Expression. <i>PLoS ONE</i> , 2009, 4, e6249.	1.1	36
36	Inorganic Phosphate and Sodium Ions Are Cogermnants for Spores of <i>Clostridium perfringens</i> Type A Food Poisoning-Related Isolates. <i>Applied and Environmental Microbiology</i> , 2009, 75, 6299-6305.	1.4	36

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37	High hydrostatic pressure-induced inactivation of bacterial spores. <i>Critical Reviews in Microbiology</i> , 2015, 41, 18-26.	2.7	36
38	Molecular basis of early stages of <i>Clostridium difficile</i> infection: germination and colonization. <i>Future Microbiology</i> , 2012, 7, 933-943.	1.0	35
39	Recent advances in germination of <i>Clostridium</i> spores. <i>Research in Microbiology</i> , 2015, 166, 236-243.	1.0	35
40	Unique Regulatory Mechanism of Sporulation and Enterotoxin Production in <i>Clostridium perfringens</i> . <i>Journal of Bacteriology</i> , 2013, 195, 2931-2936.	1.0	29
41	Germination response of spores of the pathogenic bacterium <i>Clostridium perfringens</i> and <i>Clostridium difficile</i> to cultured human epithelial cells. <i>Anaerobe</i> , 2011, 17, 78-84.	1.0	28
42	Survival of <i>Clostridium difficile</i> spores at low temperatures. <i>Food Microbiology</i> , 2015, 46, 218-221.	2.1	28
43	Comprehensive genome analyses of <i>Sellimonas intestinalis</i> , a potential biomarker of homeostasis gut recovery. <i>Microbial Genomics</i> , 2020, 6, .	1.0	28
44	<i>Clostridium perfringens</i> sporulation and its relevance to pathogenesis. <i>Future Microbiology</i> , 2009, 4, 519-525.	1.0	26
45	CysB-dependent upregulation of the <i>Salmonella</i> Typhimurium <i>cysJIH</i> operon in response to antimicrobial compounds that induce oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 46-51.	1.0	25
46	GerO, a Putative Na ⁺ /H ⁺ -K ⁺ Antiporter, Is Essential for Normal Germination of Spores of the Pathogenic Bacterium <i>Clostridium perfringens</i> . <i>Journal of Bacteriology</i> , 2009, 191, 3822-3831.	1.0	24
47	<i>Clostridium perfringens</i> <i>tpcL</i> is expressed during sporulation. <i>Microbial Pathogenesis</i> , 2011, 51, 384-388.	1.3	24
48	Interactions between <i>Clostridium perfringens</i> spores and Raw 264.7 macrophages. <i>Anaerobe</i> , 2012, 18, 148-156.	1.0	22
49	The inhibitory effects of sorbate and benzoate against <i>Clostridium perfringens</i> type A isolates. <i>Food Microbiology</i> , 2015, 48, 89-98.	2.1	21
50	Location and stoichiometry of the protease CspB and the cortex-lytic enzyme SleC in <i>Clostridium perfringens</i> spores. <i>Food Microbiology</i> , 2015, 50, 83-87.	2.1	21
51	Epidemic <i>Clostridium difficile</i> Ribotype 027 in Chile. <i>Emerging Infectious Diseases</i> , 2012, 18, 1370-2.	2.0	20
52	Prospective comparison of a commercial multiplex real-time polymerase chain reaction and an enzyme immunoassay with toxigenic culture in the diagnosis of <i>Clostridium difficile</i> -associated infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 361-365.	0.8	19
53	Lose to win: <i>marT</i> pseudogenization in <i>Salmonella enterica</i> serovar Typhi contributed to the surV-dependent survival to H ₂ O ₂ , and inside human macrophage-like cells. <i>Infection, Genetics and Evolution</i> , 2016, 45, 111-121.	1.0	18
54	New amino acid germinants for spores of the enterotoxigenic <i>Clostridium perfringens</i> type A isolates. <i>Food Microbiology</i> , 2014, 44, 24-33.	2.1	17

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55	Motility modulation by the small non-coding RNA SroC in <i>Salmonella</i> Typhimurium. FEMS Microbiology Letters, 2015, 362, fmv135.	0.7	16
56	Identification of <i>Clostridium difficile</i> Immunoreactive Spore Proteins of the Epidemic Strain R20291. Proteomics - Clinical Applications, 2018, 12, e1700182.	0.8	16
57	Indomethacin increases severity of <i>Clostridium difficile</i> infection in mouse model. Future Microbiology, 2018, 13, 1271-1281.	1.0	16
58	Molecular, microbiological and clinical characterization of <i>Clostridium difficile</i> isolates from tertiary care hospitals in Colombia. PLoS ONE, 2017, 12, e0184689.	1.1	15
59	<i>Clostridium difficile</i> recurrent infection: possible implication of TA systems. Future Microbiology, 2015, 10, 1649-1657.	1.0	14
60	Acyldepsipeptide antibiotics as a potential therapeutic agent against <i>Clostridium difficile</i> recurrent infections. Future Microbiology, 2016, 11, 1179-1189.	1.0	14
61	Characterization of Exosporium Layer Variability of <i>Clostridioides difficile</i> Spores in the Epidemically Relevant Strain R20291. Frontiers in Microbiology, 2020, 11, 1345.	1.5	14
62	FastMLST: A Multi-core Tool for Multilocus Sequence Typing of Draft Genome Assemblies. Bioinformatics and Biology Insights, 2021, 15, 117793222110592.	1.0	14
63	New insights for vaccine development against <i>Clostridium difficile</i> infections. Anaerobe, 2019, 58, 73-79.	1.0	12
64	Survival of <i>Clostridium difficile</i> spores at low water activity. Food Microbiology, 2017, 65, 274-278.	2.1	11
65	Landscapes and bacterial signatures of mucosa-associated intestinal microbiota in Chilean and Spanish patients with inflammatory bowel disease. Microbial Cell, 2021, 8, 223-238.	1.4	11
66	Outcome of relapsing <i>Clostridium difficile</i> infections do not correlate with virulence-, spore- and vegetative cell-associated phenotypes. Anaerobe, 2015, 36, 30-38.	1.0	10
67	Subtyping of <i>Clostridium difficile</i> PCR ribotypes 591, 106 and 002, the dominant strain types circulating in Medellin, Colombia. PLoS ONE, 2018, 13, e0195694.	1.1	10
68	Induction of a Specific Humoral Immune Response by Nasal Delivery of Bcla2ctd of <i>Clostridioides difficile</i> . International Journal of Molecular Sciences, 2020, 21, 12777.	1.8	9
69	Host serum factor triggers germination of <i>Clostridium perfringens</i> spores lacking the cortex hydrolysis machinery. Journal of Medical Microbiology, 2011, 60, 1734-1741.	0.7	8
70	<i>Clostridioides (Clostridium) difficile</i> infection: current and alternative therapeutic strategies. Future Microbiology, 2018, 13, 469-482.	1.0	8
71	Characterization of germinants and their receptors for spores of non-food-borne <i>Clostridium perfringens</i> strain F4969. Microbiology (United Kingdom), 2016, 162, 1972-1983.	0.7	8
72	The <i>Clostridioides difficile</i> Cysteine-Rich Exosporium Morphogenetic Protein, CdeC, Exhibits Self-Assembly Properties That Lead to Organized Inclusion Bodies in <i>Escherichia coli</i> . MSphere, 2020, 5, .	1.3	8

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73	Assembly of the exosporium layer in <i>Clostridioides difficile</i> spores. <i>Current Opinion in Microbiology</i> , 2022, 67, 102137.	2.3	8
74	Effect of the cortex-lytic enzyme SleC from non-food-borne <i>Clostridium perfringens</i> on the germination properties of SleC-lacking spores of a food poisoning isolate. <i>Canadian Journal of Microbiology</i> , 2010, 56, 952-958.	0.8	7
75	Visualization of fidaxomicin association with the exosporium layer of <i>Clostridioides difficile</i> spores. <i>Anaerobe</i> , 2021, 69, 102352.	1.0	7
76	<i>Clostridioides difficile</i> spores stimulate inflammatory cytokine responses and induce cytotoxicity in macrophages. <i>Anaerobe</i> , 2021, 70, 102381.	1.0	7
77	Effect of antibiotic to induce <i>Clostridioides difficile</i> -susceptibility and infectious strain in a mouse model of <i>Clostridioides difficile</i> infection and recurrence. <i>Anaerobe</i> , 2020, 62, 102149.	1.0	6
78	Origin, genomic diversity and microevolution of the <i>Clostridium difficile</i> B1/NAP1/RT027/ST01 strain in Costa Rica, Chile, Honduras and Mexico. <i>Microbial Genomics</i> , 2020, 6, .	1.0	6
79	The NarE protein of <i>Neisseria gonorrhoeae</i> catalyzes ADP-ribosylation of several ADP-ribose acceptors despite an N-terminal deletion. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw181.	0.7	5
80	Nasal Immunization with the C-Terminal Domain of BclA3 Induced Specific IgG Production and Attenuated Disease Symptoms in Mice Infected with <i>Clostridioides difficile</i> Spores. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6696.	1.8	5
81	Updating changes in human gut microbial communities associated with <i>Clostridioides difficile</i> infection. <i>Gut Microbes</i> , 2021, 13, 1966277.	4.3	5
82	Participation of <i>S. Typhimurium</i> cysJ/H Operon in the H ₂ S-mediated Ciprofloxacin Resistance in Presence of Sulfate as Sulfur Source. <i>Antibiotics</i> , 2015, 4, 321-328.	1.5	4
83	Inactivation model and risk-analysis design for apple juice processing by high-pressure CO ₂ . <i>Journal of Food Science and Technology</i> , 2018, 55, 258-264.	1.4	4
84	MODELING OF THE GERMINATION OF SPORES FROM <i>CLOSTRIDIUM PERFRINGENS</i> FOOD POISONING ISOLATES. <i>Journal of Food Process Engineering</i> , 2010, 33, 150-167.	1.5	3
85	Using a ligate intestinal loop mouse model to investigate <i>Clostridioides difficile</i> adherence to the intestinal mucosa in aged mice. <i>PLoS ONE</i> , 2021, 16, e0261081.	1.1	3
86	Diagnostic accuracy of a multiplex real-time PCR to predict <i>Clostridium difficile</i> ribotype 027. <i>Anaerobe</i> , 2013, 22, 115-117.	1.0	2
87	Analysis of <i>Vibrio vulnificus</i> Infection Risk When Consuming Depurated Raw Oysters. <i>Journal of Food Protection</i> , 2015, 78, 1113-1118.	0.8	2
88	Identification of <i>Escherichia coli</i> strains for the heterologous overexpression of soluble <i>Clostridium difficile</i> exosporium proteins. <i>Journal of Microbiological Methods</i> , 2018, 154, 46-51.	0.7	2
89	Sporulation and Germination in Clostridial Pathogens. , 0, , 903-926.		2
90	Atypical presentation of pseudomembranous colitis localized in adenomatous polyps. <i>World Journal of Gastroenterology</i> , 2013, 19, 316.	1.4	1

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91	Genome Sequence of Clostridium paraputrificum 373-A1 Isolated in Chile from a Patient Infected with Clostridium difficile. Genome Announcements, 2016, 4, .	0.8	1