

# Alfredo G Torres

## List of Publications by Year in descending order

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160  
papers

9,230  
citations

50170

46  
h-index

46693

89  
g-index

170  
all docs

170  
docs citations

170  
times ranked

7852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteria-host communication: The language of hormones. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8951-8956.	3.3	776
2	Quorum sensing Escherichia coli regulators B and C (QseBC): a novel two-component regulatory system involved in the regulation of flagella and motility by quorum sensing in E. coli. Molecular Microbiology, 2002, 43, 809-821.	1.2	457
3	Melioidosis. Nature Reviews Disease Primers, 2018, 4, 17107.	18.1	430
4	Quorum Sensing Is a Global Regulatory Mechanism in Enterohemorrhagic Escherichia coli O157:H7. Journal of Bacteriology, 2001, 183, 5187-5197.	1.0	389
5	The flagella of enteropathogenic Escherichia coli mediate adherence to epithelial cells. Molecular Microbiology, 2002, 44, 361-379.	1.2	334
6	TonB-Dependent Systems of Uropathogenic Escherichia coli : Aerobactin and Heme Transport and TonB Are Required for Virulence in the Mouse. Infection and Immunity, 2001, 69, 6179-6185.	1.0	267
7	Haem iron transport system in enterohaemorrhagic Escherichia coli O157:H7. Molecular Microbiology, 1997, 23, 825-833.	1.2	230
8	Adherence of Diarrheagenic Escherichia coli Strains to Epithelial Cells. Infection and Immunity, 2005, 73, 18-29.	1.0	195
9	Genome sequence of adherent-invasive Escherichia coli and comparative genomic analysis with other E. coli pathotypes. BMC Genomics, 2010, 11, 667.	1.2	193
10	Identification and Characterization of lpfABCC DE , a Fimbrial Operon of Enterohemorrhagic Escherichia coli O157:H7. Infection and Immunity, 2002, 70, 5416-5427.	1.0	173
11	Escherichia coli isolated from a Crohn's disease patient adheres, invades, and induces inflammatory responses in polarized intestinal epithelial cells. International Journal of Medical Microbiology, 2008, 298, 397-409.	1.5	163
12	Multiple Elements Controlling Adherence of Enterohemorrhagic Escherichia coli O157:H7 to HeLa Cells. Infection and Immunity, 2003, 71, 4985-4995.	1.0	160
13	StcE, a metalloprotease secreted by Escherichia coli O157:H7, specifically cleaves C1 esterase inhibitor. Molecular Microbiology, 2002, 45, 277-288.	1.2	158
14	Glanders: off to the races with Burkholderia mallei. FEMS Microbiology Letters, 2007, 277, 115-122.	0.7	149
15	Enteropathogenic Escherichia coli: foe or innocent bystander?. Clinical Microbiology and Infection, 2015, 21, 729-734.	2.8	147
16	Molecular Mechanisms That Mediate Colonization of Shiga Toxin-Producing Escherichia coli Strains. Infection and Immunity, 2012, 80, 903-913.	1.0	141
17	Structure of the Shigella dysenteriae haem transport locus and its phylogenetic distribution in enteric bacteria. Molecular Microbiology, 1998, 28, 1139-1152.	1.2	137
18	The two-component system QseEF and the membrane protein QseG link adrenergic and stress sensing to bacterial pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5889-5894.	3.3	137

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19	The aerobactin iron transport system genes in <i>Shigella flexneri</i> are present within a pathogenicity island. <i>Molecular Microbiology</i> , 1999, 33, 63-73.	1.2	135
20	A Novel Two-Component Signaling System That Activates Transcription of an Enterohemorrhagic <i>Escherichia coli</i> Effector Involved in Remodeling of Host Actin. <i>Journal of Bacteriology</i> , 2007, 189, 2468-2476.	1.0	127
21	Flagellin of Enteropathogenic <i>Escherichia coli</i> Stimulates Interleukin-8 Production in T84 Cells. <i>Infection and Immunity</i> , 2003, 71, 2120-2129.	1.0	125
22	Enterohemorrhagic <i>Escherichia coli</i> Adhesins. <i>Microbiology Spectrum</i> , 2014, 2, EHEC00032013.	1.2	109
23	Differential Binding of <i>Escherichia coli</i> O157:H7 to Alfalfa, Human Epithelial Cells, and Plastic Is Mediated by a Variety of Surface Structures. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8008-8015.	1.4	103
24	Characterization of Cah, a calcium-binding and heat-extractable autotransporter protein of enterohaemorrhagic <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2002, 45, 951-966.	1.2	100
25	Extensive Identification of Bacterial Riboflavin Transporters and Their Distribution across Bacterial Species. <i>PLoS ONE</i> , 2015, 10, e0126124.	1.1	98
26	Characterization of the second long polar (LP) fimbriae of O157:H7 and distribution of LP fimbriae in other pathogenic strains. <i>FEMS Microbiology Letters</i> , 2004, 238, 333-344.	0.7	93
27	Long Polar Fimbriae Contribute to Colonization by <i>Escherichia coli</i> O157:H7 In Vivo. <i>Infection and Immunity</i> , 2004, 72, 6168-6171.	1.0	92
28	Polysaccharides Cellulose, Poly- $\beta$ -1,6- <i>N</i> -Acetyl- <i>D</i> -Glucosamine, and Colanic Acid Are Required for Optimal Binding of <i>Escherichia coli</i> O157:H7 Strains to Alfalfa Sprouts and K-12 Strains to Plastic but Not for Binding to Epithelial Cells. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2384-2390.	1.4	92
29	Present and future therapeutic strategies for melioidosis and glanders. <i>Expert Review of Anti-Infective Therapy</i> , 2010, 8, 325-338.	2.0	91
30	Cloning, Expression, and Characterization of Fimbrial Operon F9 from Enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Infection and Immunity</i> , 2006, 74, 2233-2244.	1.0	89
31	A <i>Burkholderia pseudomallei</i> Outer Membrane Vesicle Vaccine Provides Protection against Lethal Sepsis. <i>Vaccine Journal</i> , 2014, 21, 747-754.	3.2	85
32	Role of Shiga toxin versus H7 flagellin in enterohaemorrhagic <i>Escherichia coli</i> signalling of human colon epithelium in vivo. <i>Cellular Microbiology</i> , 2006, 8, 869-879.	1.1	82
33	A gold nanoparticle-linked glycoconjugate vaccine against <i>Burkholderia mallei</i> . <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 447-456.	1.7	79
34	Recent advances in adherence and invasion of pathogenic <i>Escherichia coli</i> . <i>Current Opinion in Infectious Diseases</i> , 2014, 27, 459-464.	1.3	78
35	Characterization of the second long polar (LP) fimbriae of <i>Escherichia coli</i> O157:H7 and distribution of LP fimbriae in other pathogenic <i>E. coli</i> strains. <i>FEMS Microbiology Letters</i> , 2004, 238, 333-344.	0.7	75
36	Host S-nitrosylation inhibits clostridial small molecule-activated glucosylating toxins. <i>Nature Medicine</i> , 2011, 17, 1136-1141.	15.2	75

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37	The IbeA Invasin of Adherent-Invasive <i>Escherichia coli</i> Mediates Interaction with Intestinal Epithelia and Macrophages. <i>Infection and Immunity</i> , 2015, 83, 1904-1918.	1.0	65
38	Outer Membrane Protein A of <i>Escherichia coli</i> O157:H7 Stimulates Dendritic Cell Activation. <i>Infection and Immunity</i> , 2006, 74, 2676-2685.	1.0	64
39	Long Polar Fimbriae of Enterohemorrhagic <i>Escherichia coli</i> O157:H7 Bind to Extracellular Matrix Proteins. <i>Infection and Immunity</i> , 2011, 79, 3744-3750.	1.0	63
40	Synthesis and in vitro Efficacy Studies of Silver Carbene Complexes on Biosafety Level 3 Bacteria. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1739-1745.	1.0	61
41	Ler and H-NS, Regulators Controlling Expression of the Long Polar Fimbriae of <i>Escherichia coli</i> O157:H7. <i>Journal of Bacteriology</i> , 2007, 189, 5916-5928.	1.0	59
42	Protection of non-human primates against glanders with a gold nanoparticle glycoconjugate vaccine. <i>Vaccine</i> , 2015, 33, 686-692.	1.7	59
43	Consensus on the Development of Vaccines against Naturally Acquired Melioidosis. <i>Emerging Infectious Diseases</i> , 2015, 21, .	2.0	57
44	Development of Subunit Vaccines That Provide High-Level Protection and Sterilizing Immunity against Acute Inhalational Melioidosis. <i>Infection and Immunity</i> , 2018, 86, .	1.0	55
45	Environmental regulation and colonization attributes of the long polar fimbriae (LPF) of <i>Escherichia coli</i> O157:H7. <i>International Journal of Medical Microbiology</i> , 2007, 297, 177-185.	1.5	54
46	ToIC and DsbA are needed for the secretion of STB, a heat-stable enterotoxin of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1995, 18, 237-245.	1.2	53
47	Molecular Epidemiology of the Iron Utilization Genes of Enteroaggregative <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2004, 42, 36-44.	1.8	53
48	A Double, Long Polar Fimbria Mutant of <i>Escherichia coli</i> O157:H7 Expresses Curli and Exhibits Reduced <i>In Vivo</i> Colonization. <i>Infection and Immunity</i> , 2012, 80, 914-920.	1.0	50
49	Hacking the host: exploitation of macrophage polarization by intracellular bacterial pathogens. <i>Pathogens and Disease</i> , 2020, 78, .	0.8	50
50	Genes Related to Long Polar Fimbriae of Pathogenic <i>Escherichia coli</i> Strains as Reliable Markers To Identify Virulent Isolates. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2442-2451.	1.8	48
51	Advances in the development of enterohemorrhagic <i>Escherichia coli</i> vaccines using murine models of infection. <i>Vaccine</i> , 2013, 31, 3229-3235.	1.7	46
52	Use of Reverse Vaccinology in the Design and Construction of Nanoglycoconjugate Vaccines against <i>Burkholderia pseudomallei</i> . <i>Vaccine Journal</i> , 2017, 24, .	3.2	46
53	The effects of low shear stress on Adherent-Invasive <i>Escherichia coli</i> . <i>Environmental Microbiology</i> , 2008, 10, 1512-1525.	1.8	44
54	TonB Is Required for Intracellular Growth and Virulence of <i>Shigella dysenteriae</i> . <i>Infection and Immunity</i> , 2000, 68, 6329-6336.	1.0	43

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55	Long polar fimbriae and tissue tropism in <i>Escherichia coli</i> O157:H7. <i>Microbes and Infection</i> , 2006, 8, 1741-1749.	1.0	43
56	Comparative <i>Burkholderia pseudomallei</i> natural history virulence studies using an aerosol murine model of infection. <i>Scientific Reports</i> , 2014, 4, 4305.	1.6	43
57	Identification of Coli Surface Antigen 23, a Novel Adhesin of Enterotoxigenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2012, 80, 2791-2801.	1.0	42
58	Development of a Gold Nanoparticle Vaccine against Enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>MBio</i> , 2019, 10, .	1.8	42
59	Polysaccharide Specific Monoclonal Antibodies Provide Passive Protection against Intranasal Challenge with <i>Burkholderia pseudomallei</i> . <i>PLoS ONE</i> , 2012, 7, e35386.	1.1	42
60	Recent Advances in <i>Burkholderia mallei</i> and <i>B. pseudomallei</i> Research. <i>Current Tropical Medicine Reports</i> , 2015, 2, 62-69.	1.6	41
61	Recent Advances in Shiga Toxin-Producing <i>Escherichia coli</i> Research in Latin America. <i>Microorganisms</i> , 2018, 6, 100.	1.6	41
62	<i>Burkholderia pseudomallei</i> $\hat{I}^{\text{tonB}}$ $\hat{I}^{\text{hcp1}}$ Live Attenuated Vaccine Strain Elicits Full Protective Immunity against Aerosolized Melioidosis Infection. <i>MSphere</i> , 2019, 4, .	1.3	41
63	Identification and Characterization of the Locus for Diffuse Adherence, Which Encodes a Novel Afimbrial Adhesin Found in Atypical Enteropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2005, 73, 4753-4765.	1.0	40
64	Development of a Multiplex PCR Assay for Detection of Shiga Toxin-Producing <i>Escherichia coli</i> , Enterohemorrhagic <i>E. coli</i> , and Enteropathogenic <i>E. coli</i> Strains. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 8.	1.8	39
65	SARS-CoV-2: Evolution and Emergence of New Viral Variants. <i>Viruses</i> , 2022, 14, 653.	1.5	39
66	Protective response to subunit vaccination against intranasal <i>Burkholderia mallei</i> and <i>B. pseudomallei</i> challenge. <i>Procedia in Vaccinology</i> , 2010, 2, 73-77.	0.4	38
67	In vivo bioluminescence imaging of <i>Burkholderia mallei</i> respiratory infection and treatment in the mouse model. <i>Frontiers in Microbiology</i> , 2011, 2, 174.	1.5	38
68	Fimbriation and curliation in <i>Escherichia coli</i> O157. <i>Gut Microbes</i> , 2012, 3, 272-276.	4.3	37
69	Characterization of the <i>Burkholderia mallei</i> tonB Mutant and Its Potential as a Backbone Strain for Vaccine Development. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003863.	1.3	36
70	Pathoadaptive Mutation That Mediates Adherence of Shiga Toxin-Producing <i>Escherichia coli</i> O111. <i>Infection and Immunity</i> , 2005, 73, 4766-4776.	1.0	34
71	Identification and Characterization of RibN, a Novel Family of Riboflavin Transporters from <i>Rhizobium leguminosarum</i> and Other Proteobacteria. <i>Journal of Bacteriology</i> , 2013, 195, 4611-4619.	1.0	33
72	The art of persistence—the secrets to <i>Burkholderia</i> chronic infections. <i>Pathogens and Disease</i> , 2016, 74, ftw070.	0.8	33

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73	Contribution of the Ler- and H-NS-Regulated Long Polar Fimbriae of <i>Escherichia coli</i> O157:H7 during Binding to Tissue-Cultured Cells. <i>Infection and Immunity</i> , 2008, 76, 5062-5071.	1.0	32
74	<i>Escherichia coli</i> diseases in Latin America – a “One Health” multidisciplinary approach. <i>Pathogens and Disease</i> , 2017, 75, .	0.8	32
75	Melioidosis in Mexico, Central America, and the Caribbean. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 24.	0.9	31
76	<i>Burkholderia mallei</i> cellular interactions in a respiratory cell model. <i>Journal of Medical Microbiology</i> , 2009, 58, 554-562.	0.7	30
77	Immunomodulation for gastrointestinal infections. <i>Expert Review of Anti-Infective Therapy</i> , 2012, 10, 391-400.	2.0	30
78	Comparative Genomics and Immunoinformatics Approach for the Identification of Vaccine Candidates for Enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Infection and Immunity</i> , 2014, 82, 2016-2026.	1.0	30
79	The Role of Long Polar Fimbriae in <i>Escherichia coli</i> O104:H4 Adhesion and Colonization. <i>PLoS ONE</i> , 2015, 10, e0141845.	1.1	30
80	CadA Negatively Regulates <i>Escherichia coli</i> O157:H7 Adherence and Intestinal Colonization. <i>Infection and Immunity</i> , 2008, 76, 5072-5081.	1.0	29
81	Evaluating New Compounds to Treat <i>Burkholderia pseudomallei</i> Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 210.	1.8	29
82	The <i>lpf</i> Gene Cluster for Long Polar Fimbriae Is Not Involved in Adherence of Enteropathogenic <i>Escherichia coli</i> or Virulence of <i>Citrobacter rodentium</i> . <i>Infection and Immunity</i> , 2006, 74, 265-272.	1.0	28
83	Clinical Implications of Enteroadherent <i>Escherichia coli</i> . <i>Current Gastroenterology Reports</i> , 2012, 14, 386-394.	1.1	28
84	Novel multi-component vaccine approaches for <i>Burkholderia pseudomallei</i> . <i>Clinical and Experimental Immunology</i> , 2019, 196, 178-188.	1.1	28
85	<i>Burkholderia mallei</i> CLH001 Attenuated Vaccine Strain Is Immunogenic and Protects against Acute Respiratory Glanders. <i>Infection and Immunity</i> , 2016, 84, 2345-2354.	1.0	27
86	The <i>cad</i> locus of Enterobacteriaceae: More than just lysine decarboxylation. <i>Anaerobe</i> , 2009, 15, 1-6.	1.0	26
87	A transcriptome study of the QseEF two-component system and the QseG membrane protein in enterohaemorrhagic <i>Escherichia coli</i> O157:H7. <i>Microbiology (United Kingdom)</i> , 2010, 156, 1167-1175.	0.7	26
88	Adhesin-Encoding Genes from Shiga Toxin-Producing <i>Escherichia coli</i> Are More Prevalent in Atypical than in Typical Enteropathogenic <i>E. coli</i> . <i>Journal of Clinical Microbiology</i> , 2011, 49, 3334-3337.	1.8	26
89	Prophylactic Application of CpG Oligonucleotides Augments the Early Host Response and Confers Protection in Acute Melioidosis. <i>PLoS ONE</i> , 2012, 7, e34176.	1.1	25
90	Host immunity in the protective response to vaccination with heat-killed <i>Burkholderia mallei</i> . <i>BMC Immunology</i> , 2008, 9, 55.	0.9	23

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91	Regulatory Control of the <i>Escherichia coli</i> O157:H7 <i>lpf1</i> Operon by H-NS and Ler. Journal of Bacteriology, 2011, 193, 1622-1632.	1.0	23
92	Host-Microbe Communication within the GI Tract. Advances in Experimental Medicine and Biology, 2008, 635, 93-101.	0.8	23
93	Bile salts induce expression of the afimbrial LDA adhesin of atypical enteropathogenic <i>Escherichia coli</i> . Cellular Microbiology, 2007, 9, 1039-1049.	1.1	21
94	<i>Burkholderia cepacia</i> Complex Vaccines: Where Do We Go from here?. Vaccines, 2016, 4, 10.	2.1	20
95	Polysorbates prevent biofilm formation and pathogenesis of <i>Escherichia coli</i> O104:H4. Biofouling, 2016, 32, 1131-1140.	0.8	20
96	Multicomponent gold nano-glycoconjugate as a highly immunogenic and protective platform against <i>Burkholderia mallei</i> . Npj Vaccines, 2020, 5, 82.	2.9	20
97	In vivo bioluminescence imaging of <i>Escherichia coli</i> O104:H4 and role of aerobactin during colonization of a mouse model of infection. BMC Microbiology, 2012, 12, 112.	1.3	19
98	Current aspects of <i>Shigella</i> pathogenesis. Revista Latinoamericana De Microbiología, 2004, 46, 89-97.	0.1	19
99	Comparison of the in vitro and in vivo susceptibilities of <i>Burkholderia mallei</i> to Cefotaxime and Levofloxacin. BMC Microbiology, 2009, 9, 88.	1.3	18
100	The long polar fimbriae of STEC O157:H7 induce expression of pro-inflammatory markers by intestinal epithelial cells. Veterinary Immunology and Immunopathology, 2013, 152, 126-131.	0.5	18
101	Multicomponent Gold-Linked Glycoconjugate Vaccine Elicits Antigen-Specific Humoral and Mixed T <sub>H</sub> 1-T <sub>H</sub> 17 Immunity, Correlated with Increased Protection against <i>Burkholderia pseudomallei</i> . MBio, 2021, 12, e0122721.	1.8	18
102	Identification and characterization of <i>œ</i> pathoadaptive mutations of the cadBA operon in several intestinal <i>Escherichia coli</i> . International Journal of Medical Microbiology, 2006, 296, 547-552.	1.5	17
103	Characterization of the universal stress protein F from atypical enteropathogenic <i>Escherichia coli</i> and its prevalence in <i>Enterobacteriaceae</i> . Protein Science, 2016, 25, 2142-2151.	3.1	17
104	Comparative Antimicrobial Activity of Granulysin against Bacterial Biothreat Agents. Open Microbiology Journal, 2009, 3, 92-96.	0.2	17
105	Protective Antigens Against Glanders Identified by Expression Library Immunization. Frontiers in Microbiology, 2011, 2, 227.	1.5	16
106	Evaluation of <i>Burkholderia mallei</i> $\Delta$ tonB $\Delta$ hcp1 (CLH001) as a live attenuated $\Delta$ murine models of glanders and melioidosis. PLoS Neglected Tropical Diseases, 2019, 13, e0007578.	1.3	16
107	Comparative genomics of a subset of Adherent/Invasive <i>Escherichia coli</i> strains isolated from individuals without inflammatory bowel disease. Genomics, 2020, 112, 1813-1820.	1.3	16
108	Sero-characterization of lipopolysaccharide from <i>Burkholderia thailandensis</i> . Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, S58-S60.	0.7	15

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109	Construction of a reporter system to study <i>Burkholderia mallei</i> type III secretion and identification of the BopA effector protein function in intracellular survival. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, S127-S133.	0.7	15
110	The <i>Escherichia coli</i> O157:H7 cattle immunoproteome includes outer membrane protein A (OmpA), a modulator of adherence to bovine rectoanal junction squamous epithelial (RSE) cells. <i>Proteomics</i> , 2015, 15, 1829-1842.	1.3	15
111	Evaluating the role of <i>Burkholderia pseudomallei</i> K96243 toxins BPSS0390, BPSS0395, and BPSS1584 in persistent infection. <i>Cellular Microbiology</i> , 2019, 21, e13096.	1.1	15
112	Identification of the long polar fimbriae gene variants in the locus of enterocyte effacement-negative Shiga toxin-producing <i>Escherichia coli</i> strains isolated from humans and cattle in Argentina. <i>FEMS Microbiology Letters</i> , 2010, 308, no-no.	0.7	14
113	Outbreak Caused by cad-Negative Shiga Toxin-Producing <i>Escherichia coli</i> O111, Oklahoma. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 107-109.	0.8	14
114	Multinucleated Giant Cell Formation as a Portal to Chronic Bacterial Infections. <i>Microorganisms</i> , 2020, 8, 1637.	1.6	14
115	Characterization of the <i>Burkholderia cenocepacia</i> TonB Mutant as a Potential Live Attenuated Vaccine. <i>Vaccines</i> , 2017, 5, 33.	2.1	13
116	Testing the Efficacy and Toxicity of Adenylyl Cyclase Inhibitors against Enteric Pathogens Using In Vitro and In Vivo Models of Infection. <i>Infection and Immunity</i> , 2010, 78, 1740-1749.	1.0	12
117	Environmental regulation of the long polar fimbriae 2 of enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>FEMS Microbiology Letters</i> , 2014, 357, n/a-n/a.	0.7	12
118	From In silico Protein Epitope Density Prediction to Testing <i>Escherichia coli</i> O157:H7 Vaccine Candidates in a Murine Model of Colonization. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 94.	1.8	12
119	Antigen-specific antibody and polyfunctional T cells generated by respiratory immunization with protective <i>Burkholderia</i> $\Delta$ tonB $\Delta$ hcp1 live attenuated vaccines. <i>Npj Vaccines</i> , 2021, 6, 72.	2.9	12
120	Long polar fimbriae participates in the induction of neutrophils transepithelial migration across intestinal cells infected with enterohemorrhagic <i>E. coli</i> O157:H7. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 4, 185.	1.8	11
121	Combating the great mimicker: latest progress in the development of <i>Burkholderia pseudomallei</i> vaccines. <i>Expert Review of Vaccines</i> , 2020, 19, 653-660.	2.0	11
122	<i>Burkholderia pseudomallei</i> as an Enteric Pathogen: Identification of Virulence Factors Mediating Gastrointestinal Infection. <i>Infection and Immunity</i> , 2020, 89, .	1.0	11
123	Monitoring Therapeutic Treatments against <i>Burkholderia</i> Infections Using Imaging Techniques. <i>Pathogens</i> , 2013, 2, 383-401.	1.2	10
124	Subtractive hybridization and identification of putative adhesins in a Shiga toxin-producing eae-negative <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 3639-3648.	0.7	8
125	Exploiting the power of OMICS approaches to produce <i>E. coli</i> O157 vaccines. <i>Gut Microbes</i> , 2014, 5, 770-774.	4.3	8
126	Emerging role of biologics for the treatment of melioidosis and glanders. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 1319-1332.	1.4	8



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127	Misidentification of <i>Burkholderia pseudomallei</i> and Other <i>Burkholderia</i> Species From Pediatric Infections in Mexico. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz008.	0.4	8
128	Description of two fatal cases of melioidosis in Mexican children with acute pneumonia: case report. <i>BMC Infectious Diseases</i> , 2021, 21, 204.	1.3	7
129	Melioidosis: where do we stand in the development of an effective vaccine?. <i>Future Microbiology</i> , 2016, 11, 477-480.	1.0	7
130	Development of Melioidosis Subunit Vaccines Using an Enzymatically Inactive <i>Burkholderia pseudomallei</i> AhpC. <i>Infection and Immunity</i> , 2022, 90, .	1.0	7
131	Increased Mortality in Mice following Immunoprophylaxis Therapy with High Dosage of Nicotinamide in <i>Burkholderia</i> Persistent Infections. <i>Infection and Immunity</i> , 2019, 87, .	1.0	6
132	Predicting toxins found in toxin-antitoxin systems with a role in host-induced <i>Burkholderia pseudomallei</i> persistence. <i>Scientific Reports</i> , 2020, 10, 16923.	1.6	6
133	TonB Is Required for Intracellular Growth and Virulence of <i>Shigella dysenteriae</i> . <i>Infection and Immunity</i> , 2000, 68, 6329-6336.	1.0	6
134	Encapsulation of Asparaginase as a Promising Strategy to Improve In Vivo Drug Performance. <i>Pharmaceutics</i> , 2021, 13, 1965.	2.0	6
135	Restrictive Streptomycin Resistance Mutations Decrease the Formation of Attaching and Effacing Lesions in <i>Escherichia coli</i> O157:H7 Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4260-4266.	1.4	5
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