

Juan Xicohtencatl-Cortes

List of Publications by Year in descending order

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69
papers

2,046
citations

304743

22
h-index

254184

43
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76
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76
docs citations

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times ranked

2427
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic role of curli and cellulose in cell adherence and biofilm formation of attaching and effacing <i>Escherichia coli</i> and identification of Fis as a negative regulator of curli. <i>Environmental Microbiology</i> , 2009, 11, 992-1006.	3.8	190
2	<i>Mycobacterium tuberculosis</i> produces pili during human infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5145-5150.	7.1	164
3	Host Protein Binding and Adhesive Properties of H6 and H7 Flagella of Attaching and Effacing <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2007, 189, 7426-7435.	2.2	146
4	Intestinal adherence associated with type IV pili of enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Journal of Clinical Investigation</i> , 2007, 117, 3519-3529.	8.2	120
5	Interaction of <i>Escherichia coli</i> O157:H7 with Leafy Green Produce. <i>Journal of Food Protection</i> , 2009, 72, 1531-1537.	1.7	99
6	Surface Structures Involved in Plant Stomata and Leaf Colonization by Shiga-Toxigenic <i>Escherichia coli</i> O157:H7. <i>Frontiers in Microbiology</i> , 2011, 2, 119.	3.5	97
7	The Type 4 Pili of Enterohemorrhagic <i>Escherichia coli</i> O157:H7 Are Multipurpose Structures with Pathogenic Attributes. <i>Journal of Bacteriology</i> , 2009, 191, 411-421.	2.2	79
8	Monolayers of Apolipoproteins at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 2001, 105, 5757-5765.	2.6	76
9	Virulence traits in <i>Cronobacter</i> species isolated from different sources. <i>Canadian Journal of Microbiology</i> , 2011, 57, 735-744.	1.7	71
10	Identification of Virulence Factors Genes in <i>Escherichia coli</i> Isolates from Women with Urinary Tract Infection in Mexico. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	60
11	Multidrug- and Extensively Drug-Resistant Uropathogenic <i>Escherichia coli</i> Clinical Strains: Phylogenetic Groups Widely Associated with Integrons Maintain High Genetic Diversity. <i>Frontiers in Microbiology</i> , 2016, 7, 2042.	3.5	51
12	Flagella from Five <i>Cronobacter</i> Species Induce Pro-Inflammatory Cytokines in Macrophage Derivatives from Human Monocytes. <i>PLoS ONE</i> , 2012, 7, e52091.	2.5	49
13	Longus, a Type IV Pilus of Enterotoxigenic <i>Escherichia coli</i> , Is Involved in Adherence to Intestinal Epithelial Cells. <i>Journal of Bacteriology</i> , 2010, 192, 2791-2800.	2.2	46
14	Bacterial Macroscopic Rope-like Fibers with Cytopathic and Adhesive Properties. <i>Journal of Biological Chemistry</i> , 2010, 285, 32336-32342.	3.4	42
15	Occurrence of virulence factors in <i>Cronobacter sakazakii</i> and <i>Cronobacter malonaticus</i> originated from clinical samples. <i>Microbial Pathogenesis</i> , 2019, 127, 250-256.	2.9	40
16	The Hemorrhagic Coli Pilus (HCP) of <i>Escherichia coli</i> O157:H7 Is an Inducer of Proinflammatory Cytokine Secretion in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2010, 5, e12127.	2.5	36
17	Identification of Proinflammatory Flagellin Proteins in Supernatants of <i>Vibrio cholerae</i> O1 by Proteomics Analysis. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2374-2383.	3.8	35
18	Intestinal adherence associated with type IV pili of enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Journal of Clinical Investigation</i> , 2008, 118, 820-820.	8.2	35

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19	Phenotypic characterization of multidrug-resistant <i>Pseudomonas aeruginosa</i> strains isolated from pediatric patients associated to biofilm formation. <i>Microbiological Research</i> , 2015, 172, 68-78.	5.3	29
20	Molecular Epidemiology, Antibiotic Resistance, and Virulence Traits of <i>Stenotrophomonas maltophilia</i> Strains Associated With an Outbreak in a Mexican Tertiary Care Hospital. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 50.	3.9	29
21	Vancomycin Tolerant, Methicillin-Resistant <i>Staphylococcus aureus</i> Reveals the Effects of Vancomycin on Cell Wall Thickening. <i>PLoS ONE</i> , 2015, 10, e0118791.	2.5	27
22	Whole-Genome Sequences of Five <i>Acinetobacter baumannii</i> Strains From a Child With Leukemia M2. <i>Frontiers in Microbiology</i> , 2019, 10, 132.	3.5	24
23	Molecular analysis and distribution of multidrug-resistant <i>Enterococcus faecium</i> isolates belonging to clonal complex 17 in a tertiary care center in Mexico City. <i>BMC Microbiology</i> , 2013, 13, 291.	3.3	20
24	Curli of Uropathogenic <i>Escherichia coli</i> Enhance Urinary Tract Colonization as a Fitness Factor. <i>Frontiers in Microbiology</i> , 2019, 10, 2063.	3.5	20
25	An overview of the infection of CMV, HSV 1/2 and EBV in Mexican patients with glioblastoma multiforme. <i>Pathology Research and Practice</i> , 2017, 213, 271-276.	2.3	19
26	Profiling the Virulence and Antibiotic Resistance Genes of <i>Cronobacter sakazakii</i> Strains Isolated From Powdered and Dairy Formulas by Whole-Genome Sequencing. <i>Frontiers in Microbiology</i> , 2021, 12, 694922.	3.5	18
27	Vancomycin modifies the expression of the <i>agr</i> system in multidrug-resistant <i>Staphylococcus aureus</i> clinical isolates. <i>Frontiers in Microbiology</i> , 2015, 6, 369.	3.5	17
28	Mucormycosis in a Non-Hodgkin Lymphoma Patient Caused by <i>Syncephalastrum racemosum</i> : Case Report and Review of Literature. <i>Mycopathologia</i> , 2015, 180, 89-93.	3.1	17
29	Everybody hands-on to avoid ESKAPE: effect of sustained hand hygiene compliance on healthcare-associated infections and multidrug resistance in a paediatric hospital. <i>Journal of Medical Microbiology</i> , 2018, 67, 1761-1771.	1.8	17
30	Genetic characterization of ϕ VC8 lytic phage for <i>Vibrio cholerae</i> O1. <i>Virology Journal</i> , 2016, 13, 47.	3.4	16
31	Features of urinary <i>Escherichia coli</i> isolated from children with complicated and uncomplicated urinary tract infections in Mexico. <i>PLoS ONE</i> , 2018, 13, e0204934.	2.5	16
32	Molecular Epidemiology of <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> Complex Isolated From Children at the Hospital Infantil de México Federico Gómez. <i>Frontiers in Microbiology</i> , 2020, 11, 576673.	3.5	16
33	Molecular Characterization of <i>Cronobacter sakazakii</i> Strains Isolated from Powdered Milk. <i>Foods</i> , 2021, 10, 20.	4.3	16
34	Dimeric and Trimeric Fusion Proteins Generated with Fimbrial Adhesins of Uropathogenic <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 135.	3.9	15
35	Tracking Bioluminescent ETEC during In vivo BALB/c Mouse Colonization. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 187.	3.9	15
36	CS21 positive multidrug-resistant ETEC clinical isolates from children with diarrhea are associated with self-aggregation, and adherence. <i>Frontiers in Microbiology</i> , 2014, 5, 709.	3.5	14

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37	Molecular Epidemiology of Multidrug-Resistant Uropathogenic Escherichia coli O25b Strains Associated with Complicated Urinary Tract Infection in Children. <i>Microorganisms</i> , 2021, 9, 2299.	3.6	14
38	Uropathogenic Escherichia coli strains harboring <i>tosA</i> gene were associated to high virulence genes and a multidrug-resistant profile. <i>Microbial Pathogenesis</i> , 2019, 134, 103593.	2.9	13
39	Rhino-orbital mucormycosis due to <i>Apophysomyces ossiformis</i> in a patient with diabetes mellitus: a case report. <i>BMC Infectious Diseases</i> , 2020, 20, 614.	2.9	12
40	<i>Nocardia harenae</i> , an uncommon causative organism of mycetoma: report on two patients. <i>Journal of Medical Microbiology</i> , 2012, 61, 1153-1155.	1.8	11
41	First case of mycetoma associated with <i>Nocardia takedensis</i> . <i>Journal of Dermatology</i> , 2013, 40, 135-136.	1.2	11
42	Effects of <i>lmg</i> Mutations on <i>LmgA</i> Expression, Processing, and CS21 Assembly in Enterotoxigenic <i>Escherichia coli</i> E9034A. <i>Frontiers in Microbiology</i> , 2016, 7, 1201.	3.5	10
43	Characterization of <i>Escherichia coli</i> strains from red deer (<i>Cervus elaphus</i>) faeces in a Mexican protected natural area. <i>European Journal of Wildlife Research</i> , 2016, 62, 415-421.	1.4	10
44	Epidemiology of Clinical Sporotrichosis in the Americas in the Last Ten Years. <i>Journal of Fungi (Basel)</i> , 2021, 7, 10.	3.5	10
45	Primary Cutaneous Mucormycosis Caused by <i>Rhizopus oryzae</i> : A Case Report and Review of Literature. <i>Mycopathologia</i> , 2017, 182, 387-392.	3.1	9
46	Molecular characterization of KPC-2-producing <i>Klebsiella pneumoniae</i> ST258 isolated from bovine mastitis. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1029-1036.	2.0	9
47	Role of Epstein-Barr Virus in Glioblastoma. <i>Critical Reviews in Oncogenesis</i> , 2019, 24, 307-338.	0.4	9
48	Flagella, Type I Fimbriae and Curli of Uropathogenic <i>Escherichia coli</i> Promote the Release of Proinflammatory Cytokines in a Coculture System. <i>Microorganisms</i> , 2021, 9, 2233.	3.6	9
49	Identification of two adhesins of <i>Actinobacillus seminis</i> . <i>Small Ruminant Research</i> , 2018, 167, 100-103.	1.2	7
50	Control of Methicillin-Resistant <i>Staphylococcus aureus</i> Strains Associated With a Hospital Outbreak Involving Contamination From Anesthesia Equipment Using UV-C. <i>Frontiers in Microbiology</i> , 2020, 11, 600093.	3.5	7
51	Genomic Characterization of <i>Cronobacter</i> spp. and <i>Salmonella</i> spp. Strains Isolated From Powdered Infant Formula in Chile. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	7
52	Identification of <i>Mycobacterium leprae</i> and <i>Mycobacterium lepromatosis</i> in Formalin-Fixed and Paraffin-Embedded Skin Samples from Mexico. <i>Annals of Dermatology</i> , 2018, 30, 562.	0.9	6
53	Vacuolar proteases from <i>Candida glabrata</i> : Acid aspartic protease PrA, neutral serine protease PrB and serine carboxypeptidase CpY. The nitrogen source influences their level of expression. <i>Revista Iberoamericana De Micologia</i> , 2016, 33, 26-33.	0.9	4
54	Actinomycetoma due to <i>Nocardia brasiliensis</i> with extension to the ovaries. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 211, 224-225.	1.1	4

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55	Infectious Agents in Childhood Leukemia. Archives of Medical Research, 2017, 48, 305-313.	3.3	4
56	Genome Sequence of Enterotoxigenic Escherichia coli Strain FMU073332. Genome Announcements, 2017, 5, .	0.8	4
57	Lacaziosis (Lobomycosis) From Southern Mexico: A Case Confirmed by Molecular Biology. Mycopathologia, 2020, 185, 737-739.	3.1	4
58	Molecular and genome characterization of colistin-resistant Escherichia coli isolates from wild sea lions (Zalophus californianus). Brazilian Journal of Microbiology, 2020, 51, 2009-2014.	2.0	4
59	Cutaneous infection due to <i>Mycobacterium marseillense</i> acquired following acupuncture. Acupuncture in Medicine, 2020, 38, 205-206.	1.0	4
60	Fungal Invasive Co-Infection Due to Aspergillus fumigatus and Rhizopus arrhizus: A Rhino-Orbital Presentation. Journal of Fungi (Basel, Switzerland), 2021, 7, 1096.	3.5	4
61	Histoplasmosis and skin lesions in <i>HIV</i> : a safe and accurate diagnosis. Mycoses, 2015, 58, 413-415.	4.0	3
62	Chromoblastomycosis caused by Fonsecaea monophora in Mexico. Journal De Mycologie Medicale, 2021, 31, 101114.	1.5	3
63	Variable Expression of Notch1 and Pax5 in Classical Hodgkin Lymphoma and Infection with Epstein-Barr in Pediatric Patients. Microorganisms, 2020, 8, 958.	3.6	2
64	E. coli outbreak in a neonate intensive care unit in a general hospital in Mexico City. Folia Microbiologica, 2013, 58, 229-234.	2.3	1
65	Identification and phylogenetic relationship of Mannheimia varigena using the 16S rRNA subunit and the rpoB gene. Annals of Microbiology, 2015, 65, 1781-1787.	2.6	1
66	Nocardia transvalensis Disseminated Infection in an Immunocompromised Patient with Idiopathic Thrombocytopenic Purpura. Case Reports in Infectious Diseases, 2016, 2016, 1-3.	0.5	1
67	Ribotipificación de aislamientos de Mannheimia haemolytica serotipo 1 obtenidos de exudado nasal de bovinos productores de leche en México. Revista Mexicana De Ciencias Pecuarias, 2017, 8, 219.	0.4	0
68	Frecuencia de contaminación y de serotipos de Salmonella enterica y Escherichia coli en una operación integrada de matanza y deshuese de bovinos. Revista Mexicana De Ciencias Pecuarias, 2020, 11, 971-990.	0.4	0
69	In Vitro Analysis of Extracts of Plant Used in Mexican Traditional Medicine, Which Are Useful to Combat Clostridioides difficile Infection. Pathogens, 2022, 11, 774.	2.8	0