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List of Publications by Year in descending order

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62 papers	1,430 citations	430874 18 h-index	361022 35 g-index
62 all docs	62 docs citations	62 times ranked	1554 citing authors

#	Article	IF	Citations
1	Association of Escherichia coli HEp-2 adherence patterns with type and duration of diarrhoea. Lancet, The, 1991, 337, 262-264.	13.7	356
2	RISK OF DIARRHEA DURING THE FIRST YEAR OF LIFE ASSOCIATED WITH INITIAL AND SUBSEQUENT COLONIZATION BY SPECIFIC ENTEROPATHOGENS. American Journal of Epidemiology, 1990, 131, 886-904.	3.4	137
3	Phenotypic Profiles of Enterotoxigenic Escherichia coli Associated with Early Childhood Diarrhea in Rural Egypt. Journal of Clinical Microbiology, 2004, 42, 5588-5595.	3.9	87
4	Coverage of diarrhoeaâ€associated <scp>E</scp>scherichia coli isolates from different origins with two types of phage cocktails. Microbial Biotechnology, 2014, 7, 165-176.	4.2	69
5	Genetic Diversity and Population Structure of Vibrio cholerae. Journal of Clinical Microbiology, 1999, 37, 581-590.	3.9	69
6	Antigen Detection in EnteropathogenicEscherichia coli Using Secretory Immunoglobulin A Antibodies Isolated from Human Breast Milk. Infection and Immunity, 2000, 68, 5030-5036.	2.2	41
7	Cholera between 1991 and 1997 in Mexico Was Associated with Infection by Classical, El Tor, and El Tor Variants of Vibrio cholerae. Journal of Clinical Microbiology, 2010, 48, 3666-3674.	3.9	34
8	Vibrio cholerae Classical Biotype Strains Reveal Distinct Signatures in Mexico. Journal of Clinical Microbiology, 2012, 50, 2212-2216.	3.9	32
9	Occurrence of Hybrid Escherichia coli Strains Carrying Shiga Toxin and Heat-Stable Toxin in Livestock of Bangladesh. Frontiers in Public Health, 2016, 4, 287.	2.7	31
10	Phenotypic and Molecular Characterization of Extended-Spectrum Beta-Lactamase-Producing Escherichia coli in Bangladesh. PLoS ONE, 2014, 9, e108735.	2.5	31
11	Allelic variability of critical virulence genes (eae, bfpA and perA) in typical and atypical enteropathogenic Escherichia coli in Peruvian children. Journal of Medical Microbiology, 2010, 59, 25-31.	1.8	29
12	Virulence and Resistance Determinants of Uropathogenic Escherichia coli Strains Isolated from Pregnant and Non-Pregnant Women from Two States in Mexico . Infection and Drug Resistance, 2020, Volume 13, 295-310.	2.7	29
13	Involvement of main diarrheagenic Escherichia coli, with emphasis on enteroaggregative E. coli, in severe non-epidemic pediatric diarrhea in a high-income country. BMC Infectious Diseases, 2015, 15, 79.	2.9	26
14	Serotyping and Virulence Genes Detection in Escherichia coli Isolated from Fertile and Infertile Eggs, Dead-in-Shell Embryos, and Chickens with Yolk Sac Infection. Avian Diseases, 2004, 48, 791-802.	1.0	25
15	Adaptive Evolution of Class 5 Fimbrial Genes in Enterotoxigenic Escherichia coli and Its Functional Consequences. Journal of Biological Chemistry, 2012, 287, 6150-6158.	3.4	22
16	Treatment with phenylbutyrate in a pre-clinical trial reduces diarrhea due to enteropathogenic Escherichia coli: link to cathelicidin induction. Microbes and Infection, 2013, 15, 939-950.	1.9	22
17	Virulence Genes and Antimicrobial Resistance inEscherichia colifrom Cheese Made from Unpasteurized Milk in Brazil. Foodborne Pathogens and Disease, 2018, 15, 94-100.	1.8	21
18	Occurrence in Mexico, 1998â€“2008, of Vibrio cholerae CTX ⁺ El Tor carrying an additional truncated CTX prophage. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9917-9922.	7.1	20

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19	DiarrheagenicEscherichia coliAssociated with Acute Gastroenteritis in Children from Soriano, Uruguay. Canadian Journal of Infectious Diseases and Medical Microbiology, 2018, 2018, 1-8.	1.9	19
20	Antibody Responses to Escherichia coli O157 and Other Lipopolysaccharides in Healthy Children and Adults. Vaccine Journal, 2003, 10, 797-801.	3.1	18
21	The elements of the locus of enterocyte effacement in human and wild mammal isolates of Escherichia coli: evolution by assemblage or disruption?. Microbiology (United Kingdom), 2001, 147, 3149-3158.	1.8	18
22	UPEC strain characterization isolated from Mexican patients with recurrent urinary infections. Journal of Infection in Developing Countries, 2016, 10, 317-328.	1.2	18
23	Survival and characterization of Escherichia coli strains in a typical Mexican acid-fermented food. International Journal of Food Microbiology, 2001, 71, 169-176.	4.7	16
24	Enteropathogens Associated with Acute Diarrhea in Children from Households with High Socioeconomic Level in Uruguay. International Journal of Microbiology, 2015, 2015, 1-8.	2.3	16
25	Genetic characterization of Ã˜VC8 lytic phage for Vibrio cholerae O1. Virology Journal, 2016, 13, 47.	3.4	16
26	Molecular characterization of multidrug-resistant Shiga toxin-producingEscherichia coliharboring antimicrobial resistance genes obtained from a farmhouse. Pathogens and Global Health, 2019, 113, 268-274.	2.3	16
27	Serotypes of Vibrio cholerae Non-O1 Isolated from Water Supplies for Human Consumption in Campeche, MÃ©xico and their Antibiotic Susceptibility Pattern. Memorias Do Instituto Oswaldo Cruz, 1998, 93, 17-22.	1.6	14
28	Common epitopes in LPS of different Enterobacteriaceae are associated with an immune response against Escherichia coli O157 in bovine serum samples. Journal of Medical Microbiology, 2007, 56, 1447-1454.	1.8	14
29	CS21 positive multidrug-resistant ETEC clinical isolates from children with diarrhea are associated with self-aggregation, and adherence. Frontiers in Microbiology, 2014, 5, 709.	3.5	14
30	Pet dogs potential transmitters of pathogenic Escherichia coli with resistance to antimicrobials. Archives of Microbiology, 2020, 202, 1173-1179.	2.2	12
31	Detection and Characterization of Enteropathogenic and Shiga Toxin-Producing Escherichia coli Strains in Rattus spp. from Buenos Aires. Frontiers in Microbiology, 2018, 9, 199.	3.5	11
32	Effect and Analysis of Bacterial Lysates for the Treatment of Recurrent Urinary Tract Infections in Adults. Pathogens, 2020, 9, 102.	2.8	11
33	New enterovirulent Escherichia coli serogroup 64474 showingantigenic and genotypic relationships to Shigella boydii 16. Journal of Medical Microbiology, 2010, 59, 453-461.	1.8	10
34	Characterization of Escherichia coli strains from red deer (Cervus elaphus) faeces in a Mexican protected natural area. European Journal of Wildlife Research, 2016, 62, 415-421.	1.4	10
35	Extended-spectrum Î²-lactamase-producing Escherichia coli isolated from healthy humans in Mexico, including subclone ST131-B2-O25:H4-H30-Rx. Journal of Global Antimicrobial Resistance, 2017, 9, 130-134.	2.2	10
36	Characterization of Diarrheagenic Strains of Escherichia coli Isolated From Cattle Raised in Three Regions of Mexico. Frontiers in Microbiology, 2018, 9, 2373.	3.5	10

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37	Characterization of auto-agglutinating and non-typeable uropathogenic Escherichia coli strains. Journal of Infection in Developing Countries, 2019, 13, 465-472.	1.2	10
38	Serogroups, K1 antigen, and antimicrobial resistance patterns of Aeromonas spp. strains isolated from different sources in Mexico. Memorias Do Instituto Oswaldo Cruz, 2006, 101, 157-161.	1.6	8
39	Commensal and virulent Escherichia coli strains of vaginal origin are reservoirs of resistance cassettes in class 1 integrons. Journal of Infection in Developing Countries, 2020, 14, 48-58.	1.2	8
40	Tracing Back the Evolutionary Route of Enteroinvasive Escherichia coli (EIEC) and Shigella Through the Example of the Highly Pathogenic O96:H19 EIEC Clone. Frontiers in Cellular and Infection Microbiology, 2020, 10, 260.	3.9	7
41	Immunogenic peptide mimotopes from an epitope of Escherichia coli O157 LPS. Biochemical Journal, 2016, 473, 3791-3804.	3.7	5
42	Characterization of Escherichia coli causing community acquired urinary tract infections in Mexico City. Diagnostic Microbiology and Infectious Disease, 2017, 87, 193-195.	1.8	5
43	Characterization of non-O157 Shiga toxin-producing Escherichia coli (STEC) obtained from feces of sheep in Brazil. World Journal of Microbiology and Biotechnology, 2019, 35, 134.	3.6	5
44	Genetic Diversity and Population Structure of Vibrio cholerae. Journal of Clinical Microbiology, 1999, 37, 2125-2125.	3.9	5
45	Non-O1 Vibrio cholerae O139 Bengal Is Genetically Related to V. cholerae O1 El Tor Ogawa Isolated in Mexico. Journal of Infectious Diseases, 1994, 169, 1412-1413.	4.0	4
46	Genome Sequence of Enterotoxigenic Escherichia coli Strain FMU073332. Genome Announcements, 2017, 5, .	0.8	4
47	Molecular and phenotypic characterization of diarrheagenic Escherichia coli isolated from groundwater in rural areas in southern Brazil. Journal of Water and Health, 2019, 17, 597-608.	2.6	4
48	Susceptibility Profile to Common Antimicrobials Used for Eradication ofHelicobacter pyloriInfection in Mexico by Agar Dilution Method. Journal of Chemotherapy, 2007, 19, 108-109.	1.5	3
49	Genetic Characterization of Escherichia coli Isolated from Cattle Carcasses and Feces in Mexico State. Journal of Food Protection, 2015, 78, 796-801.	1.7	3
50	Serotypes, virulence genes profiles and antimicrobial resistance patterns of Escherichia coli recovered from feces of healthy lambs in Mexico. Small Ruminant Research, 2017, 153, 41-47.	1.2	3
51	Prospective Study in Children with Complicated Urinary Tract Infection Treated with Autologous Bacterial Lysates. Microorganisms, 2021, 9, 1811.	3.6	3
52	Potential Zoonotic Pathovars of Diarrheagenic Escherichia coli Detected in Lambs for Human Consumption from Tierra del Fuego, Argentina. Microorganisms, 2021, 9, 1710.	3.6	3
53	Phage Display Detection of Mimotopes that Are Shared Epitopes of Clinically and Epidemiologically Relevant Enterobacteria. Microorganisms, 2020, 8, 780.	3.6	3
54	Diversity of Potentially Pathogenic Escherichia coli O104 and O9 Serogroups Isolated before 2011 from Fecal Samples from Children from Different Geographic Regions. Microorganisms, 2021, 9, 2227.	3.6	3

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55	Monoclonal antibodies against all known variants of EspA: development of a simple diagnostic test for enteropathogenic Escherichia coli based on a key virulence factor. Journal of Medical Microbiology, 2014, 63, 1595-1607.	1.8	2
56	Detection of Diarrheagenic Escherichia coli in Bovine Meat in the Northern Region of ParanÃ¡ State, Brazil. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	2
57	Diversity of enterobacteria associated with tomato (Lycopersicum sculentum Mill) fruits and greenhouse soils. Scientia Agropecuaria, 2012, , 161-169.	1.0	2
58	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
59	Characterization of multidrug-resistant avian pathogenic Escherichia coli: an outbreak in canaries. Brazilian Journal of Microbiology, 2021, 52, 1005-1012.	2.0	1
60	Escherichiacoli DERIVED FROM DIFFERENT SOURCES SHARE ANTIGENIC CHARACTERISTICS WITH Shigellaboydii 18AND VIRULENCE FACTORS WITH ENTEROTOXIGENIC E. coli. International Journal of Advanced Research, 2016, 4, 629-638.	0.0	1
61	Characterization of commensal Escherichia coli isolates from slaughtered sheep in Mexico. Journal of Infection in Developing Countries, 2021, 15, 1755-1760.	1.2	1
62	pEntYN10 a plasmid of Escherichia coli O169:H41 associated with adherence and toxin production. Virulence, 2015, 6, 733-734.	4.4	0