JosÃ© Sifuentes-Osornio

List of Publications by Year
in descending order

118 papers	4,519 citations	136950 32 h-index	118850 62 g-index
128 all docs	128 docs citations	128 times ranked	6045 citing authors

#	Article	IF	Citations
1	Multidrug Resistant Pulmonary Tuberculosis Treatment Regimens and Patient Outcomes: An Individual Patient Data Meta-analysis of 9,153 Patients. PLoS Medicine, 2012, 9, e1001300.	8.4	430
2	Global Phylogeny of Mycobacterium tuberculosis Based on Single Nucleotide Polymorphism (SNP) Analysis: Insights into Tuberculosis Evolution, Phylogenetic Accuracy of Other DNA Fingerprinting Systems, and Recommendations for a Minimal Standard SNP Set. Journal of Bacteriology, 2006, 188, 759-772.	2.2	381
3	Population Genetics Study of Isoniazid Resistance Mutations and Evolution of Multidrug-Resistant Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2006, 50, 2640-2649.	3.2	364
4	Epidemiology of Candidemia in Latin America: A Laboratory-Based Survey. PLoS ONE, 2013, 8, e59373.	2.5	267
5	Association of diabetes and tuberculosis: impact on treatment and post-treatment outcomes. Thorax, 2013, 68, 214-220.	5.6	221
6	Tuberculosis and Diabetes in Southern Mexico. Diabetes Care, 2004, 27, 1584-1590.	8.6	182
7	Treatment Outcomes of Patients With Multidrug-Resistant and Extensively Drug-Resistant Tuberculosis According to Drug Susceptibility Testing to First- and Second-line Drugs: An Individual Patient Data Meta-analysis. Clinical Infectious Diseases, 2014, 59, 1364-1374.	5.8	116
8	Role of embB Codon 306 Mutations in Mycobacterium tuberculosis Revisited: a Novel Association with Broad Drug Resistance and IS 6110 Clustering Rather than Ethambutol Resistance. Antimicrobial Agents and Chemotherapy, 2005, 49, 3794-3802.	3.2	103
9	In-hospital mortality from severe COVID-19 in a tertiary care center in Mexico City; causes of death, risk factors and the impact of hospital saturation. PLoS ONE, 2021, 16, e0245772.	2.5	94
10	Clinical Consequences and Transmissibility of Drug-Resistant Tuberculosis in Southern Mexico. Archives of Internal Medicine, 2000, 160, 630-6.	3.8	87
11	Epidemiology of Invasive Fungal Infections in Latin America. Current Fungal Infection Reports, 2012, 6, 23-34.	2.6	85
12	Does DOTS work in populations with drug-resistant tuberculosis?. Lancet, The, 2005, 365, 1239-1245.	13.7	78
13	Virulence, immunopathology and transmissibility of selected strains ofMycobacterium tuberculosisin a murine model. Immunology, 2009, 128, 123-133.	4.4	75
14	Nested Polymerase Chain Reaction for Mycobacterium tuberculosis DNA Detection in Aqueous and Vitreous of Patients with Uveitis. Archives of Medical Research, 2003, 34, 116-119.	3.3	63
15	Clinical and Epidemiological Characteristics of Patients Diagnosed with COVID-19 in a Tertiary Care Center in Mexico City: A Prospective Cohort Study. Revista De Investigacion Clinica, 2020, 72, 165-177.	0.4	63
16	Factors Associated to Prevalence and Incidence of Carbapenem-Resistant Enterobacteriaceae Fecal Carriage: A Cohort Study in a Mexican Tertiary Care Hospital. PLoS ONE, 2015, 10, e0139883.	2.5	59
17	Tuberculosis in ageing: high rates, complex diagnosis and poor clinical outcomes. Age and Ageing, 2012, 41, 488-495.	1.6	58
18	Drugs in Clinical Development for Fungal Infections. Drugs, 2017, 77, 1505-1518.	10.9	58

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19	Prevalence of Latent and Active Tuberculosis among Dairy Farm Workers Exposed to Cattle Infected by Mycobacterium bovis. PLoS Neglected Tropical Diseases, 2013, 7, e2177.	3.0	57
20	Outbreak Caused by Enterobacteriaceae Harboring NDM-1 Metallo-Î²-Lactamase Carried in an IncFII Plasmid in a Tertiary Care Hospital in Mexico City. Antimicrobial Agents and Chemotherapy, 2015, 59, 7080-7083.	3.2	56
21	Molgramostim (GM-CSF) Associated With Antibiotic Treatment in Nontraumatic Abdominal Sepsis. Archives of Surgery, 2006, 141, 150.	2.2	54
22	Rapid identification and susceptibility testing of Mycobacterium tuberculosis from MGIT cultures with luciferase reporter mycobacteriophages. Journal of Medical Microbiology, 2003, 52, 557-561.	1.8	52
23	Risk factors associated with prolonged hospital length-of-stay: 18-year retrospective study of hospitalizations in a tertiary healthcare center in Mexico. PLoS ONE, 2018, 13, e0207203.	2.5	52
24	Molecular epidemiology and risk factors of bloodstream infections caused by extended-spectrum Î²-lactamase-producing Klebsiella pneumoniae. International Journal of Infectious Diseases, 2008, 12, 653-659.	3.3	49
25	Impact of undiagnosed type 2 diabetes and pre-diabetes on severity and mortality for SARS-CoV-2 infection. BMJ Open Diabetes Research and Care, 2021, 9, e002026.	2.8	46
26	Accuracy of galactomannan testing on tracheal aspirates in COVIDâ€19â€associated pulmonary aspergillosis. Mycoses, 2021, 64, 364-371.	4.0	44
27	Contamination of intravenous fluids: A continuing cause of hospital bacteremia. American Journal of Infection Control, 2010, 38, 217-221.	2.3	41
28	Association of Pulmonary Tuberculosis and Diabetes in Mexico: Analysis of the National Tuberculosis Registry 2000â€“2012. PLoS ONE, 2015, 10, e0129312.	2.5	41
29	Tuberculosis-Related Deaths within a Well-Functioning DOTS Control Program. Emerging Infectious Diseases, 2002, 8, 1327-1333.	4.3	40
30	Inadequate Therapy and Antibiotic Resistance. Risk Factors for Mortality in the Intensive Care Unit. Archives of Medical Research, 2002, 33, 290-294.	3.3	36
31	Identification of the infectious source of an unusual outbreak of histoplasmosis, in a hotel in Acapulco, state of Guerrero, Mexico. FEMS Immunology and Medical Microbiology, 2005, 45, 435-441.	2.7	35
32	Human tuberculosis caused by Mycobacterium bovis: a retrospective comparison with Mycobacterium tuberculosis in a Mexican tertiary care centre, 2000â€“2015. BMC Infectious Diseases, 2016, 16, 657.	2.9	35
33	Trends of Mycobacterium bovis Isolation and First-Line Anti-tuberculosis Drug Susceptibility Profile: A Fifteen-Year Laboratory-Based Surveillance. PLoS Neglected Tropical Diseases, 2015, 9, e0004124.	3.0	34
34	Simvastatin Enhances the Immune Response Against Mycobacterium tuberculosis. Frontiers in Microbiology, 2019, 10, 2097.	3.5	31
35	Antimicrobial Resistance Patterns and Antibiotic Use during Hospital Conversion in the COVID-19 Pandemic. Antibiotics, 2021, 10, 182.	3.7	31
36	The Evolutionary Landscape of SARS-CoV-2 Variant B.1.1.519 and Its Clinical Impact in Mexico City. Viruses, 2021, 13, 2182.	3.3	31

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37	Surveillance of Candida spp Bloodstream Infections: Epidemiological Trends and Risk Factors of Death in Two Mexican Tertiary Care Hospitals. PLoS ONE, 2014, 9, e97325.	2.5	30
38	Antimicrobial susceptibility of gram-negative bacilli isolated from intra-abdominal and urinary-tract infections in Mexico from 2009 to 2015: Results from the Study for Monitoring Antimicrobial Resistance Trends (SMART). PLoS ONE, 2018, 13, e0198621.	2.5	30
39	Increasing prevalence of extended-spectrum-beta-lactamase among Gram-negative bacilli in Latin America--2008 update from the Study for Monitoring Antimicrobial Resistance Trends (SMART). Brazilian Journal of Infectious Diseases, 2011, 15, 34-9.	0.6	30
40	Results of the Implementation of a Pilot Model for the Bidirectional Screening and Joint Management of Patients with Pulmonary Tuberculosis and Diabetes Mellitus in Mexico. PLoS ONE, 2014, 9, e106961.	2.5	28
41	Low Thoracic Skeletal Muscle Area Is Not Associated With Negative Outcomes in Patients With COVID-19. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 413-418.	1.4	28
42	Nocardiasis in Patients with HIV Infection. AIDS Patient Care and STDs, 1998, 12, 825-832.	2.5	27
43	Screening for Tuberculosis in the Study of the Living Renal Donor in a Developing Country. Transplantation, 2006, 81, 290-292.	1.0	25
44	Diagnostic accuracy of antigen detection in urine and molecular assays testing in different clinical samples for the diagnosis of progressive disseminated histoplasmosis in patients living with HIV/AIDS: A prospective multicenter study in Mexico. PLoS Neglected Tropical Diseases, 2021, 15, e0009215.	3.0	25
45	Ruxolitinib in addition to standard of care for the treatment of patients admitted to hospital with COVID-19 (RUXCOVID): a randomised, double-blind, placebo-controlled, phase 3 trial. Lancet Rheumatology, The, 2022, 4, e351-e361.	3.9	24
46	Isoniazid Mono-Resistant Tuberculosis: Impact on Treatment Outcome and Survival of Pulmonary Tuberculosis Patients in Southern Mexico 1995-2010. PLoS ONE, 2016, 11, e0168955.	2.5	23
47	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score. PLoS ONE, 2020, 15, e0244051.	2.5	22
48	Diagnostic accuracy cohort study and clinical value of the Histoplasma urine antigen (ALPHA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 PLoS Neglected Tropical Diseases, 2018, 12, e0006872.	3.0	21
49	Increasing prevalence of extended-spectrum-betalactamase among Gram-negative bacilli in Latin America â€“ 2008 update from the Study for Monitoring Antimicrobial Resistance Trends (SMART). Brazilian Journal of Infectious Diseases, 2011, 15, 34-39.	0.6	20
50	Risk factors for infections requiring hospitalization in renal transplant recipients: a cohort study. International Journal of Infectious Diseases, 2011, 15, e188-e196.	3.3	20
51	Impact of cigarette smoking on rates and clinical prognosis of pulmonary tuberculosis in Southern Mexico. Journal of Infection, 2013, 66, 303-312.	3.3	20
52	Impact of Clostridium difficile infection caused by the NAP1/RT027 strain on severity and recurrence during an outbreak and transition to endemicity in a Mexican tertiary care center. International Journal of Infectious Diseases, 2017, 65, 44-49.	3.3	20
53	Colchicine Is Safe Though Ineffective in the Treatment of Severe COVID-19: a Randomized Clinical Trial (COLCHIVID). Journal of General Internal Medicine, 2022, 37, 4-14.	2.6	20
54	Vancomycin-resistant Enterococci, Mexico City. Emerging Infectious Diseases, 2007, 13, 798-799.	4.3	18

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55	Is tuberculin skin testing useful to diagnose latent tuberculosis in BCG-vaccinated children?. International Journal of Epidemiology, 2006, 35, 1447-1454.	1.9	17
56	Bloodborne Viral Infections in Patients Attending an Emergency Room in Mexico City: Estimate of Seroconversion Probability in Healthcare Workers After an Occupational Exposure. Infection Control and Hospital Epidemiology, 2000, 21, 600-602.	1.8	16
57	Changes in the geographical distribution of tuberculosis patients in Veracruz, Mexico, after reinforcement of a tuberculosis control programme. Tropical Medicine and International Health, 2005, 10, 305-311.	2.3	16
58	Tuberculosis and systemic lupus erythematosus: a case-control study in Mexico City. Clinical Rheumatology, 2018, 37, 2095-2102.	2.2	16
59	Expression of USP18 and IL2RA Is Increased in Individuals Receiving Latent Tuberculosis Treatment with Isoniazid. Journal of Immunology Research, 2019, 2019, 1-13.	2.2	16
60	Impact of inappropriate antifungal therapy according to current susceptibility breakpoints on Candida bloodstream infection mortality, a retrospective analysis. BMC Infectious Diseases, 2017, 17, 753.	2.9	15
61	Potential Effect of Statins onMycobacterium tuberculosisInfection. Journal of Immunology Research, 2018, 2018, 1-14.	2.2	15
62	Azole resistance and cyp51A mutation screening in Aspergillus fumigatus in Mexico. Journal of Antimicrobial Chemotherapy, 2019, 74, 2047-2050.	3.0	15
63	Risk factors and outcomes associated with vancomycin-resistant Enterococcus faecium and ampicillin-resistant Enterococcus faecalis bacteraemia: A 10-year study in a tertiary-care centre in Mexico City. Journal of Global Antimicrobial Resistance, 2021, 24, 198-204.	2.2	15
64	Molecular clustering of patients with diabetes and pulmonary tuberculosis: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0184675.	2.5	15
65	Zika Virus: A New Epidemic on Our Doorstep. Revista De Investigacion Clinica, 2015, 67, 329-32.	0.4	15
66	Prevalence of Pneumococcal Disease, Serotype Distribution, and Antimicrobial Susceptibility in Mexican Children Younger than 5 Years of Age. Archives of Medical Research, 2013, 44, 142-150.	3.3	14
67	Molecular Analysis of Mycobacterium tuberculosis Strains with an Intact pks15/1 Gene in a Rural Community of Mexico. Archives of Medical Research, 2008, 39, 809-814.	3.3	13
68	Effect of isoniazid on antigen-specific interferon-Î³ secretion in latent tuberculosis. European Respiratory Journal, 2015, 45, 473-482.	6.7	13
69	Changing trends in serotypes of S. pneumoniae isolates causing invasive and non-invasive diseases in unvaccinated population in Mexico (2000-2014). International Journal of Infectious Diseases, 2017, 58, 1-7.	3.3	13
70	Factors associated with an outbreak of hospital-onset, healthcare facility-associated Clostridium difficile infection (HO-HCFA CDI) in a Mexican tertiary care hospital: A case-control study. PLoS ONE, 2018, 13, e0198212.	2.5	12
71	Outcomes of patients with severe and critical COVID-19 treated with dexamethasone: a prospective cohort study. Emerging Microbes and Infections, 2022, 11, 50-59.	6.5	12
72	Sir3 Polymorphisms in Candida glabrata Clinical Isolates. Mycopathologia, 2013, 175, 207-219.	3.1	11

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73	Fosfomycin trometamol in the prophylaxis of postâ€kidney transplant urinary tract infection: A controlled, randomized clinical trial. Transplant Infectious Disease, 2018, 20, e12980.	1.7	11
74	Perioperative fosfomycin disodium prophylaxis against urinary tract infection in renal transplant recipients: a randomized clinical trial. Nephrology Dialysis Transplantation, 2020, 35, 1996-2003.	0.7	11
75	Nontuberculous mycobacterial infection in a tertiary care center in Mexico, 2001â€“2017. Brazilian Journal of Infectious Diseases, 2020, 24, 213-220.	0.6	11
76	Adaptive Metabolic and Inflammatory Responses Identified Using Accelerated Aging Metrics Are Linked to Adverse Outcomes in Severe SARS-CoV-2 Infection. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, e117-e126.	3.6	11
77	NAFLD determined by Dallas Steatosis Index is associated with poor outcomes in COVID-19 pneumonia: a cohort study. Internal and Emergency Medicine, 2022, 17, 1355-1362.	2.0	11
78	Epidemiological and Biological Characteristics of Methicillin-Resistant Staphylococcal Infections in a Mexican Hospital. Archives of Medical Research, 1999, 30, 325-331.	3.3	10
79	Increasing prevalence of extended-spectrum-betalactamase among Gram-negative bacilli in Latin America: 2008 update from the Study for Monitoring Antimicrobial Resistance Trends (SMART). Brazilian Journal of Infectious Diseases, 2011, 15, 34-39.	0.6	10
80	Latent Tuberculosis in Hematopoietic Stem Cell Transplantation: Diagnostic and Therapeutic Strategies to Prevent Disease Activation in an Endemic Population. Biology of Blood and Marrow Transplantation, 2020, 26, 1350-1354.	2.0	9
81	Genotyping and spatial analysis of pulmonary tuberculosis and diabetes cases in the state of Veracruz, Mexico. PLoS ONE, 2018, 13, e0193911.	2.5	9
82	Outcomes in Temporary ICUs Versus Conventional ICUs: An Observational Cohort of Mechanically Ventilated Patients With COVID-19â€“Induced Acute Respiratory Distress Syndrome. , 2022, 4, e0668.		9
83	Impact of ertapenem on antimicrobial resistance in a sentinel group of Gram-negative bacilli: a 6 year antimicrobial resistance surveillance study. Journal of Antimicrobial Chemotherapy, 2015, 70, 914-921.	3.0	8
84	Associated factors and outcomes for OXA-232 Carbapenem-resistant Enterobacteriaceae infections in a tertiary care centre in Mexico City: A caseâ€“control-control study. Diagnostic Microbiology and Infectious Disease, 2016, 86, 243-248.	1.8	8
85	Genetic diversity and primary drug resistance transmission in Mycobacterium tuberculosis in southern Mexico. Infection, Genetics and Evolution, 2021, 93, 104994.	2.3	8
86	Genetic variations in toll-like receptor 4 in Mexican-Mestizo patients with intra-abdominal infection and/or pneumonia. Immunology Letters, 2013, 153, 41-46.	2.5	7
87	Large-scale screening for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) among healthcare workers: Prevalence and risk factors for asymptomatic and pauci-symptomatic carriers, with emphasis on the use of personal protective equipment (PPE). Infection Control and Hospital Epidemiology, 2022, 43, 513-517.	1.8	7
88	Mycobacterial Infection in Mexican AIDS Patients. Journal of Acquired Immune Deficiency Syndromes, 1996, 11, 53-58.	0.3	7
89	Clinicopathologic characteristics of severe COVID-19 patients in Mexico City: A post-mortem analysis using a minimally invasive autopsy approach. PLoS ONE, 2022, 17, e0262783.	2.5	7
90	Comparison of ceftibuten vs. amoxicillin/clavulanic acid as antibiotic prophylaxis in cholecystectomy and/or biliary tract surgery. Journal of Gastrointestinal Surgery, 2000, 4, 606-610.	1.7	6

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91	Concordance Between Two Enzyme Immunoassays for the Detection of Clostridium difficile Toxins. Archives of Medical Research, 2010, 41, 92-96.	3.3	6
92	Tracing the Source of an Outbreak of Methicillin-ResistantStaphylococcus aureusin a Tertiary-Care Oncology Hospital by Epidemiology and Molecular Methods. Microbial Drug Resistance, 2010, 16, 203-208.	2.0	6
93	Outbreak of NDM-1-Producing Escherichia coli in a Coronavirus Disease 2019 Intensive Care Unit in a Mexican Tertiary Care Center. Microbiology Spectrum, 2022, 10, e0201521.	3.0	6
94	First case of Nocardia amamiensis pulmonary infection in Mexico. New Microbes and New Infections, 2017, 16, 1-2.	1.6	4
95	Acute Cholangitis After Bilioenteric Anastomosis for Bile Duct Injuries. Journal of Gastrointestinal Surgery, 2017, 21, 1613-1619.	1.7	4
96	Genotyping of the MTL loci and susceptibility to two antifungal agents of Candida glabrata clinical isolates. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 775-782.	1.6	4
97	Risk Factors Associated with Failure of Linezolid Therapy in Vancomycin-Resistant Enterococcus faecium Bacteremia: A Retrospective Cohort Study in a Referral Center in Mexico. Microbial Drug Resistance, 2022, 28, 744-749.	2.0	4
98	Primary prophylaxis with ciprofloxacin in cirrhotic patients with ascites: a randomized, double blind study. Annals of Hepatology, 2014, 13, 65-74.	1.5	3
99	Asymptomatic bacteriuria in kidney transplant recipients: The challenge in the first 8Âweeks. Transplant Infectious Disease, 2018, 20, e12895.	1.7	3
100	Adverse Effects Associated With the Use of Antimalarials During The COVID-19 Pandemic in a Tertiary Care Center in Mexico City. Frontiers in Pharmacology, 2021, 12, 668678.	3.5	3
101	Surge in Ventilator-Associated Pneumonias and Bloodstream Infections in An Academic Referral Center Converted to Treat COVID-19 Patients. Revista De Investigacion Clinica, 2021, 73, .	0.4	3
102	InvestigaciÃ³n sobre epidemiologÃa convencional y molecular de tuberculosis en Orizaba, Veracruz, 1995-2008. Salud Publica De Mexico, 0, 51, .	0.4	2
103	Diagnosis and Treatment of Non-European Fungal Infections. Current Fungal Infection Reports, 2014, 8, 343-352.	2.6	2
104	Genetic diversity of Mycobacterium bovis evaluated by spoligotyping and MIRUâ€VNTR in an intensive dairy cattle breeding area in Mexico. Transboundary and Emerging Diseases, 2021, , .	3.0	2
105	Mycobacterial Growth Inhibition Assay (MGIA) as a Host Directed Diagnostic Tool for the Evaluation of the Immune Response in Subjects Living With Type 2 Diabetes Mellitus. Frontiers in Cellular and Infection Microbiology, 2021, 11, 640707.	3.9	2
106	Incidence of Cytomegalovirus disease and viral replication kinetics in seropositive liver transplant recipients managed under preemptive therapy in a tertiary-care center in Mexico City: a retrospective cohort study. BMC Infectious Diseases, 2022, 22, 155.	2.9	2
107	Efficacy and safety of norfloxacin versus carbenicillin indanyl sodium in the treatment of bacterial prostatitis. Current Therapeutic Research, 1993, 53, 154-158.	1.2	1
108	Identification and susceptibility testing of Candida spp . directly from yeast-positive blood cultures with Vitek 2. Diagnostic Microbiology and Infectious Disease, 2017, 89, 202-204.	1.8	1

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109	Mycobacterium tuberculosis complex bacteremia among HIV and non-HIV patients in a Mexican tertiary care center. Brazilian Journal of Infectious Diseases, 2018, 22, 387-391.	0.6	1
110	High prevalence of MDR gram-negative bacteria in feces of healthy blood donors in Mexico. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 1439-1444.	2.9	1
111	Association of recurrent common infections and subclinical cardiovascular disease in Mexican women. PLoS ONE, 2021, 16, e0246047.	2.5	1
112	Seroprevalence of brucellosis among dairy farm workers in Mexico. Salud Publica De Mexico, 2016, 58, 366-370.	0.4	1
113	Wuhan: Back to the Future and the Return of Coronaviruses. Revista De Investigacion Clinica, 2020, 72, 5-7.	0.4	1
114	Understanding The Impact of ICU Personnel on ICU Mortality During Times of High Demand. Annals of the American Thoracic Society, 2022, , .	3.2	1
115	Salvaging diabetic foot through debridement, pressure alleviation, metabolic control, and antibiotics. Wound Repair and Regeneration, 2010, 18, 567-571.	3.0	0
116	Clinical and Epidemiological Description of Diarrheal Episodes Caused by Clostridium difficile RT027 in Mexico. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
117	Effect of Fosfomycin on Cyclosporine Nephrotoxicity. Antibiotics, 2020, 9, 720.	3.7	0
118	Enfermedad granulomatosa hepÃ¡tica. Gaceta Medica De Mexico, 2019, 155, 266-275.	0.3	0