

# Luke F Chen

## List of Publications by Year in descending order

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74  
papers

3,231  
citations

126907

33  
h-index

149698

56  
g-index

74  
all docs

74  
docs citations

74  
times ranked

4343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the Burdens of Hospital-Onset, Healthcare Facility-Associated <i>Clostridium difficile</i> Infection and of Healthcare-Associated Infection due to Methicillin-Resistant <i>Staphylococcus aureus</i> in Community Hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2011, 32, 387-390.	1.8	315
2	Enhanced terminal room disinfection and acquisition and infection caused by multidrug-resistant organisms and <i>Clostridium difficile</i> (the Benefits of Enhanced Terminal Room Disinfection study): a cluster-randomised, multicentre, crossover study. <i>Lancet</i> , The, 2017, 389, 805-814.	13.7	243
3	Clinical and Financial Outcomes Due to Methicillin Resistant <i>Staphylococcus aureus</i> Surgical Site Infection: A Multi-Center Matched Outcomes Study. <i>PLoS ONE</i> , 2009, 4, e8305.	2.5	158
4	Effectiveness of ultraviolet devices and hydrogen peroxide systems for terminal room decontamination: Focus on clinical trials. <i>American Journal of Infection Control</i> , 2016, 44, e77-e84.	2.3	142
5	The Hawthorne Effect in Infection Prevention and Epidemiology. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1444-1450.	1.8	112
6	Decontamination of Targeted Pathogens from Patient Rooms Using an Automated Ultraviolet-C-Emitting Device. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 466-471.	1.8	107
7	Rising Rates of Carbapenem-Resistant Enterobacteriaceae in Community Hospitals: A Mixed-Methods Review of Epidemiology and Microbiology Practices in a Network of Community Hospitals in the Southeastern United States. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, 978-983.	1.8	97
8	Two-Phase Hospital-Associated Outbreak of <i>Mycobacterium abscessus</i> : Investigation and Mitigation. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw877.	5.8	95
9	What's New in Rocky Mountain Spotted Fever?. <i>Infectious Disease Clinics of North America</i> , 2008, 22, 415-432.	5.1	92
10	Assessing the Relative Burden of Hospital-Acquired Infections in a Network of Community Hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 1229-1230.	1.8	92
11	Seasonal Variation in <i>Klebsiella pneumoniae</i> Bloodstream Infection on 4 Continents. <i>Journal of Infectious Diseases</i> , 2008, 197, 752-756.	4.0	91
12	Effectiveness of targeted enhanced terminal room disinfection on hospital-wide acquisition and infection with multidrug-resistant organisms and <i>Clostridium difficile</i> : a secondary analysis of a multicentre cluster randomised controlled trial with crossover design (BETR Disinfection). <i>Lancet Infectious Diseases</i> , The, 2018, 18, 845-853.	9.1	89
13	Ten years of highly active antiretroviral therapy for HIV infection. <i>Medical Journal of Australia</i> , 2007, 186, 146-151.	1.7	85
14	Cluster of Oseltamivir-Resistant 2009 Pandemic Influenza A (H1N1) Virus Infections on a Hospital Ward among Immunocompromised Patients—North Carolina, 2009. <i>Journal of Infectious Diseases</i> , 2011, 203, 838-846.	4.0	83
15	Colonization, pathogenicity, host susceptibility, and therapeutics for <i>Staphylococcus aureus</i> : what is the clinical relevance?. <i>Seminars in Immunopathology</i> , 2012, 34, 185-200.	6.1	69
16	The Network Approach for Prevention of Healthcare-Associated Infections: Long-Term Effect of Participation in the Duke Infection Control Outreach Network. <i>Infection Control and Hospital Epidemiology</i> , 2011, 32, 315-322.	1.8	67
17	Overview of the epidemiology and the threat of <i>Klebsiella pneumoniae</i> carbapenemases (KPC) resistance. <i>Infection and Drug Resistance</i> , 2012, 5, 133.	2.7	66
18	Seasonal Variation of Common Surgical Site Infections: Does Season Matter?. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1011-1016.	1.8	61

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19	Current Definitions of Central Line-Associated Bloodstream Infection Is the Emperor Wearing Clothes?. <i>Infection Control and Hospital Epidemiology</i> , 2010, 31, 1286-1289.	1.8	57
20	Widespread Dissemination of CTX-M-15 Genotype Extended-Spectrum-β-Lactamase-Producing Enterobacteriaceae among Patients Presenting to Community Hospitals in the Southeastern United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1200-1202.	3.2	56
21	Poor Functional Status as a Risk Factor for Surgical Site Infection Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Infection Control and Hospital Epidemiology</i> , 2008, 29, 832-839.	1.8	54
22	Epidemiology and outcome of major postoperative infections following cardiac surgery: Risk factors and impact of pathogen type. <i>American Journal of Infection Control</i> , 2012, 40, 963-968.	2.3	53
23	Postoperative infection in spine surgery: does the month matter?. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 128-134.	1.7	52
24	Complex Surgical Site Infections and the Devilish Details of Risk Adjustment: Important Implications for Public Reporting. <i>Infection Control and Hospital Epidemiology</i> , 2008, 29, 941-946.	1.8	50
25	Observing and Improving Hand Hygiene Compliance Implementation and Refinement of an Electronic-Assisted Direct-Observer Hand Hygiene Audit Program. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 207-210.	1.8	50
26	Current Use for Old Antibacterial Agents: Polymyxins, Rifamycins, and Aminoglycosides. <i>Infectious Disease Clinics of North America</i> , 2009, 23, 1053-1075.	5.1	49
27	Pathogens Resistant to Antibacterial Agents. <i>Infectious Disease Clinics of North America</i> , 2009, 23, 817-845.	5.1	46
28	Enhanced disinfection leads to reduction of microbial contamination and a decrease in patient colonization and infection. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 1118-1121.	1.8	45
29	RNA Populations in Immunocompromised Patients as Reservoirs for Novel Norovirus Variants. <i>Journal of Virology</i> , 2014, 88, 14184-14196.	3.4	44
30	The Impact of Depth of Infection and Postdischarge Surveillance on Rate of Surgical-Site Infections in a Network of Community Hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2012, 33, 276-282.	1.8	41
31	Outbreak of Bacteremia Due to <i>Burkholderia contaminans</i> Linked to Intravenous Fentanyl From an Institutional Compounding Pharmacy. <i>JAMA Internal Medicine</i> , 2014, 174, 606.	5.1	40
32	A prospective study of transmission of Multidrug-Resistant Organisms (MDROs) between environmental sites and hospitalized patients—the TransFER study. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 47-52.	1.8	37
33	The Epidemiology of Ventilator-Associated Pneumonia in a Network of Community Hospitals: A Prospective Multicenter Study. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 657-662.	1.8	36
34	Identification of novel risk factors for community-acquired <i>Clostridium difficile</i> infection using spatial statistics and geographic information system analyses. <i>PLoS ONE</i> , 2017, 12, e0176285.	2.5	28
35	Implementation Lessons Learned From the Benefits of Enhanced Terminal Room (BETR) Disinfection Study: Process and Perceptions of Enhanced Disinfection with Ultraviolet Disinfection Devices. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 157-163.	1.8	28
36	Surveying the Surveillance: Surgical Site Infections Excluded by the January 2013 Updated Surveillance Definitions. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, 570-573.	1.8	26

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37	Comparison of Non-Intensive Care Unit (ICU) versus ICU Rates of Catheter-Associated Urinary Tract Infection in Community Hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 744-747.	1.8	25
38	Delays in Appropriate Antibiotic Therapy for Gram-Negative Bloodstream Infections: A Multicenter, Community Hospital Study. <i>PLoS ONE</i> , 2013, 8, e76225.	2.5	25
39	Epidemiology of Surgical Site Infection in a Community Hospital Network. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 519-526.	1.8	25
40	The changing epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> : 50 years of a superbug. <i>American Journal of Infection Control</i> , 2013, 41, 448-451.	2.3	22
41	Risk Factors for Gram-Negative Bacterial Surgical Site Infection Do Allergies to Antibiotics Increase Risk?. <i>Infection Control and Hospital Epidemiology</i> , 2009, 30, 440-446.	1.8	20
42	Current Use for Old Antibacterial Agents: Polymyxins, Rifamycins, and Aminoglycosides. <i>Medical Clinics of North America</i> , 2011, 95, 819-842.	2.5	20
43	<i>Staphylococcus aureus</i> infections following knee and hip prosthesis insertion procedures. <i>Antimicrobial Resistance and Infection Control</i> , 2015, 4, 13.	4.1	20
44	A Comparison Between National Healthcare Safety Network Laboratory-Identified Event Reporting versus Traditional Surveillance for <i>Clostridium difficile</i> Infection. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 125-131.	1.8	20
45	Validating a 3-Point Prediction Rule for Surgical Site Infection after Coronary Artery Bypass Surgery. <i>Infection Control and Hospital Epidemiology</i> , 2010, 31, 64-68.	1.8	19
46	Community-Acquired Methicillin-Resistant <i>Staphylococcus aureus</i> Skin and Soft Tissue Infections: Management and Prevention. <i>Current Infectious Disease Reports</i> , 2011, 13, 442-450.	3.0	16
47	Casablanca Redux: We Are Shocked That Public Reporting of Rates of Central Line-Associated Bloodstream Infections Are Inaccurate. <i>Infection Control and Hospital Epidemiology</i> , 2012, 33, 932-935.	1.8	16
48	Delay in Diagnosis of Invasive Surgical Site Infections Following Knee Arthroplasty Versus Hip Arthroplasty. <i>Clinical Infectious Diseases</i> , 2015, 60, 990-996.	5.8	16
49	<i>Mycobacterium avium</i> pseudo-outbreak associated with an outpatient bronchoscopy clinic: Lessons for reprocessing. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 106-108.	1.8	14
50	Surgical Site Infections After Laparoscopic and Open Cholecystectomies in Community Hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2008, 29, 92-94.	1.8	13
51	Clinical characteristics and antimicrobial susceptibility pattern of hospitalised patients with community-acquired urinary tract infections at a regional hospital in Taiwan. <i>Healthcare Infection</i> , 2014, 19, 20-25.	0.6	13
52	Short Operative Duration and Surgical Site Infection Risk in Hip and Knee Arthroplasty Procedures. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1431-1436.	1.8	12
53	Self-monitoring by Environmental Services May Not Accurately Measure Thoroughness of Hospital Room Cleaning. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1371-1373.	1.8	12
54	An Automated Surveillance Strategy to Identify Infectious Complications After Cardiac Implantable Electronic Device Procedures. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv128.	0.9	10

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55	Real-Time Surveillance of Influenza Morbidity: Tracking Intensive Care Unit Resource Utilization. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1810-1817.	3.2	8
56	Patient-days: A better measure of incidence of occupational bloodborne exposures. <i>American Journal of Infection Control</i> , 2009, 37, 534-540.	2.3	7
57	Pathogens Resistant to Antibacterial Agents. <i>Medical Clinics of North America</i> , 2011, 95, 647-676.	2.5	7
58	Fidaxomicin for treatment of clostridium difficile-associated diarrhea and its potential role for prophylaxis. <i>Expert Opinion on Pharmacotherapy</i> , 2013, 14, 1529-1536.	1.8	7
59	The Potential Impact of Excluding Funguria from the Surveillance Definition of Catheter-Associated Urinary Tract Infection. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 467-469.	1.8	7
60	Reply to Fe Talento et al. <i>Infection Control and Hospital Epidemiology</i> , 2010, 31, 983-983.	1.8	5
61	Methicillin-Resistant Staphylococcus aureus Bloodstream Infection Surveillance: National Healthcare Safety Network's Laboratory-Identified Event Reporting versus Traditional Laboratory-Confirmed Bloodstream Infection Surveillance. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, 1286-1289.	1.8	4
62	Letter to the editor regarding: "Effectiveness of local vancomycin powder to decrease surgical site infections: a meta-analysis" by Chiang et al. <i>Spine Journal</i> , 2014, 14, 1092.	1.3	4
63	Efficacy and safety of fidaxomicin compared with oral vancomycin for the treatment of adults with Clostridium difficile-associated diarrhea: data from the OPT-80-003 and OPT-80-004 studies. <i>Future Microbiology</i> , 2012, 7, 677-683.	2.0	3
64	Ceftaroline fosamil for treatment of community-acquired pneumonia: findings from FOCUS 1 and 2 and potential role in therapy. <i>Expert Review of Anti-Infective Therapy</i> , 2011, 9, 567-572.	4.4	2
65	"What the Eyes Don't See, the Heart Doesn't Grieve Over" Epidemiology and Risk Factors for Bloodstream Infections following Cardiac Catheterization. <i>Infection Control and Hospital Epidemiology</i> , 2012, 33, 837-841.	1.8	2
66	Investigating a Mycobacterium Avium Complex Pseudo-Outbreak Associated With Outpatient Bronchoscopy Clinic: Lessons for Reprocessing. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	1
67	910 Seasonal Variation of Surgical Site Infections Following Common Procedures. <i>Open Forum Infectious Diseases</i> , 2014, 1, S262-S262.	0.9	0
68	912 Assessment of Automated Surveillance Strategies to Identify Infectious Complications Following Implanted Cardiac Device Procedures. <i>Open Forum Infectious Diseases</i> , 2014, 1, S263-S263.	0.9	0
69	1006 Rates of Complex Surgical Site Infection in a Community Hospital Network Are Declining. <i>Open Forum Infectious Diseases</i> , 2014, 1, S294-S294.	0.9	0
70	1011 Quick But Not Dirty: Short Operative Time and Surgical Site Infection Rates In Knee and Hip Arthroplasty Procedures. <i>Open Forum Infectious Diseases</i> , 2014, 1, S296-S296.	0.9	0
71	1013 Delay in diagnosis of invasive surgical site infections following knee arthroplasties compared to hip arthroplasties. <i>Open Forum Infectious Diseases</i> , 2014, 1, S297-S297.	0.9	0
72	1364 Enhanced Terminal Room Disinfection: A Qualitative Summary of Perspectives from Environmental Services (EVS) and Nurse Managers. <i>Open Forum Infectious Diseases</i> , 2014, 1, S357-S357.	0.9	0

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73	Microbial Load on Environmental Surfaces: The Relationship Between Reduced Environmental Contamination and Reduction of Healthcare-Associated Infections. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
74	Using Clinical Scenarios to Understand Preventability of Clostridium difficile Infections by Inpatient Antibiotic Stewardship Programs. Infection Control and Hospital Epidemiology, 2017, 38, 747-749.	1.8	0