

Susan S Huang

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

3,237
citations

230014

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175968

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all docs

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docs citations

92
times ranked

4921
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted versus Universal Decolonization to Prevent ICU Infection. <i>New England Journal of Medicine</i> , 2013, 368, 2255-2265.	13.9	676
2	Continued Impact of Pneumococcal Conjugate Vaccine on Carriage in Young Children. <i>Pediatrics</i> , 2009, 124, e1-e11.	1.0	258
3	Rapid detection of single bacteria in unprocessed blood using Integrated Comprehensive Droplet Digital Detection. <i>Nature Communications</i> , 2014, 5, 5427.	5.8	248
4	Multi-institute analysis of carbapenem resistance reveals remarkable diversity, unexplained mechanisms, and limited clonal outbreaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1135-1140.	3.3	158
5	The Impact of Coronavirus Disease 2019 (COVID-19) on Healthcare-Associated Infections. <i>Clinical Infectious Diseases</i> , 2022, 74, 1748-1754.	2.9	152
6	Pragmatic clinical trials embedded in healthcare systems: generalizable lessons from the NIH Collaboratory. <i>BMC Medical Research Methodology</i> , 2017, 17, 144.	1.4	127
7	Decolonization to Reduce Postdischarge Infection Risk among MRSA Carriers. <i>New England Journal of Medicine</i> , 2019, 380, 638-650.	13.9	107
8	A Case of Novel Coronavirus Disease 19 in a Chronic Hemodialysis Patient Presenting with Gastroenteritis and Developing Severe Pulmonary Disease. <i>American Journal of Nephrology</i> , 2020, 51, 337-342.	1.4	93
9	Chlorhexidine versus routine bathing to prevent multidrug-resistant organisms and all-cause bloodstream infections in general medical and surgical units (ABATE Infection trial): a cluster-randomised trial. <i>Lancet, The</i> , 2019, 393, 1205-1215.	6.3	84
10	Rapid bacterial detection and antibiotic susceptibility testing in whole blood using one-step, high throughput blood digital PCR. <i>Lab on A Chip</i> , 2020, 20, 477-489.	3.1	75
11	Impact of Policies on the Rise in Sepsis Incidence, 2000â€“2010. <i>Clinical Infectious Diseases</i> , 2016, 62, 695-703.	2.9	72
12	Methicillin-Resistant <i>Staphylococcus aureus</i> Infection and Hospitalization in High-Risk Patients in the Year following Detection. <i>PLoS ONE</i> , 2011, 6, e24340.	1.1	71
13	Objective Sepsis Surveillance Using Electronic Clinical Data. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 163-171.	1.0	66
14	Automated Detection of Infectious Disease Outbreaks in Hospitals: A Retrospective Cohort Study. <i>PLoS Medicine</i> , 2010, 7, e1000238.	3.9	65
15	A guide to research partnerships for pragmatic clinical trials. <i>BMJ, The</i> , 2014, 349, g6826-g6826.	3.0	54
16	Strainâ€“Relatedness of Methicillinâ€“Resistant <i>Staphylococcus aureus</i> Isolates Recovered from Patients with Repeated Infection. <i>Clinical Infectious Diseases</i> , 2008, 46, 1241-1247.	2.9	51
17	Cost-Effectiveness of Strategies to Prevent Methicillin-Resistant <i>Staphylococcus aureus</i> Transmission and Infection in an Intensive Care Unit. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 17-27.	1.0	51
18	Diversity of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Strains Isolated from Inpatients of 30 Hospitals in Orange County, California. <i>PLoS ONE</i> , 2013, 8, e62117.	1.1	45

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19	The SHIELD Orange County Project: Multidrug-resistant Organism Prevalence in 21 Nursing Homes and Long-term Acute Care Facilities in Southern California. <i>Clinical Infectious Diseases</i> , 2019, 69, 1566-1573.	2.9	42
20	Impact of Hospital Population Case-Mix, Including Poverty, on Hospital All-Cause and Infection-Related 30-Day Readmission Rates. <i>Clinical Infectious Diseases</i> , 2015, 61, 1235-1243.	2.9	38
21	Attributable healthcare utilization and cost of pneumoniae due to drug-resistant <i>Streptococcus pneumoniae</i> : a cost analysis. <i>Antimicrobial Resistance and Infection Control</i> , 2014, 3, 16.	1.5	36
22	Effect of body surface decolonisation on bacteriuria and candiduria in intensive care units: an analysis of a cluster-randomised trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 70-79.	4.6	36
23	Prevalence of and Factors Associated With Multidrug Resistant Organism (MDRO) Colonization in 3 Nursing Homes. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 1485-1488.	1.0	34
24	Cost Savings of Universal Decolonization to Prevent Intensive Care Unit Infection: Implications of the REDUCE MRSA Trial. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, S23-S31.	1.0	33
25	Immunization, Antibiotic Use, and Pneumococcal Colonization Over a 15-Year Period. <i>Pediatrics</i> , 2017, 140, .	1.0	33
26	Healthcare-Associated Pathogens and Nursing Home Policies and Practices: Results From a National Survey. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 759-766.	1.0	32
27	Cost-Benefit Analysis from the Hospital Perspective of Universal Active Screening Followed by Contact Precautions for Methicillin-Resistant <i>Staphylococcus aureus</i> Carriers. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 2-13.	1.0	28
28	Healthcare Workers and Post-Elimination Era Measles: Lessons on Acquisition and Exposure Prevention. <i>Clinical Infectious Diseases</i> , 2016, 62, 166-172.	2.9	24
29	Colonization with antibiotic-susceptible strains protects against methicillin-resistant <i>Staphylococcus aureus</i> but not vancomycin-resistant enterococci acquisition: a nested case-control study. <i>Critical Care</i> , 2011, 15, R210.	2.5	23
30	Electronic health record solutions to reduce central line-associated bloodstream infections by enhancing documentation of central line insertion practices, line days, and daily line necessity. <i>American Journal of Infection Control</i> , 2016, 44, 438-443.	1.1	21
31	Closing the Translation Gap: Toolkit-based Implementation of Universal Decolonization in Adult Intensive Care Units Reduces Central Line-associated Bloodstream Infections in 95 Community Hospitals. <i>Clinical Infectious Diseases</i> , 2016, 63, 172-177.	2.9	21
32	Identifying the effect of patient sharing on between-hospital genetic differentiation of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Genome Medicine</i> , 2016, 8, 18.	3.6	20
33	High Prevalence of Multidrug-Resistant Organism Colonization in 28 Nursing Homes: An <i>œœlceberg Effect</i> . <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1937-1943.e2.	1.2	20
34	Skin Metagenomic Sequence Analysis of Early <i>Candida auris</i> Outbreaks in U.S. Nursing Homes. <i>MSphere</i> , 2021, 6, e0028721.	1.3	20
35	Surgical Site Infection Surveillance Following Ambulatory Surgery. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 225-228.	1.0	19
36	Calculating Power by Bootstrap, with an Application to Cluster-randomized Trials. <i>EGEMS (Washington, DC)</i> , 2017, 4, 32.	2.0	19

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37	Data Sharing and Embedded Research. <i>Annals of Internal Medicine</i> , 2017, 167, 668.	2.0	18
38	Statistical detection of geographic clusters of resistant <i>Escherichia coli</i> in a regional network with WHONET and SaTScan. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 1097-1107.	2.0	15
39	Tracking the spread of carbapenem-resistant <i>Enterobacteriaceae</i> (CRE) through clinical cultures alone underestimates the spread of CRE even more than anticipated. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 731-734.	1.0	15
40	Inter-species geographic signatures for tracing horizontal gene transfer and long-term persistence of carbapenem resistance. <i>Genome Medicine</i> , 2022, 14, 37.	3.6	15
41	Does a quality improvement campaign accelerate take-up of new evidence? A ten-state cluster-randomized controlled trial of the IHI's Project JOINTS. <i>Implementation Science</i> , 2017, 12, 51.	2.5	14
42	Emergence of carbapenem-resistant <i>Enterobacteriaceae</i> in Orange County, California, and support for early regional strategies to limit spread. <i>American Journal of Infection Control</i> , 2017, 45, 1177-1182.	1.1	14
43	Quantifying the Exposure to Antibiotic-Resistant Pathogens Among Patients Discharged From a Single Hospital Across All California Healthcare Facilities. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1275-1282.	1.0	13
44	Trials without tribulations: Minimizing the burden of pragmatic research on healthcare systems. <i>Healthcare</i> , 2016, 4, 138-141.	0.6	11
45	Variable Case Detection and Many Unreported Cases of Surgical-Site Infection Following Colon Surgery and Abdominal Hysterectomy in a Statewide Validation. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1091-1097.	1.0	11
46	Effectiveness of a multistate quality improvement campaign in reducing risk of surgical site infections following hip and knee arthroplasty. <i>BMJ Quality and Safety</i> , 2019, 28, 374-381.	1.8	11
47	Improving Public Reporting and Data Validation for Complex Surgical Site Infections After Coronary Artery Bypass Graft Surgery and Hip Arthroplasty. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu106.	0.4	10
48	Secondary Cases of Delta Variant Coronavirus Disease 2019 Among Vaccinated Healthcare Workers With Breakthrough Infections is Rare. <i>Clinical Infectious Diseases</i> , 2022, 75, e895-e897.	2.9	10
49	Lack of Comprehensive Outbreak Detection in Hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 466-468.	1.0	9
50	Health Care-Associated Infection: Assessing the Value and Validity of Our Measures. <i>Clinical Infectious Diseases</i> , 2009, 48, 1116-1122.	2.9	8
51	Catheter-Associated Urinary Tract Infections – Turning the Tide. <i>New England Journal of Medicine</i> , 2016, 374, 2168-2169.	13.9	8
52	Evaluating hospital infection control measures for antimicrobial-resistant pathogens using stochastic transmission models: Application to vancomycin-resistant enterococci in intensive care units. <i>Statistical Methods in Medical Research</i> , 2018, 27, 269-285.	0.7	8
53	Confounding by indication affects antimicrobial risk factors for methicillin-resistant <i>Staphylococcus aureus</i> but not vancomycin-resistant enterococci acquisition. <i>Antimicrobial Resistance and Infection Control</i> , 2014, 3, 19.	1.5	7
54	Automated tracking and ordering of precautions for multidrug-resistant organisms. <i>American Journal of Infection Control</i> , 2015, 43, 577-580.	1.1	7

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55	Addressing guideline and policy changes during pragmatic clinical trials. <i>Clinical Trials</i> , 2019, 16, 431-437.	0.7	7
56	A Bayesian model of acquisition and clearance of bacterial colonization incorporating within-host variation. <i>PLoS Computational Biology</i> , 2019, 15, e1006534.	1.5	7
57	Modeling Interventions to Reduce the Spread of Multidrug-Resistant Organisms Between Health Care Facilities in a Region. <i>JAMA Network Open</i> , 2021, 4, e2119212.	2.8	7
58	The patient's perspective on the need for informed consent for minimal risk studies: Development of a survey-based measure. <i>AJOB Empirical Bioethics</i> , 2016, 7, 116-124.	0.8	6
59	Errors in antibiotic transitions between hospital and nursing home: How often do they occur?. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 1416-1419.	1.0	6
60	Automated outbreak detection of hospital-associated pathogens: Value to infection prevention programs. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 1016-1021.	1.0	6
61	Are nursing homes less likely to admit methicillin-resistant <i>Staphylococcus aureus</i> carriers?. <i>American Journal of Infection Control</i> , 2014, 42, 63-65.	1.1	5
62	Detection of carbapenem resistant enterobacteriaceae from fomite surfaces. <i>American Journal of Infection Control</i> , 2021, 49, 128-130.	1.1	4
63	Matching in cluster randomized trials using the Goldilocks Approach. <i>Contemporary Clinical Trials Communications</i> , 2021, 22, 100746.	0.5	4
64	Modelling methicillin-resistant <i>Staphylococcus aureus</i> decolonization: interactions between body sites and the impact of site-specific clearance. <i>Journal of the Royal Society Interface</i> , 2022, 19, .	1.5	4
65	Planned Analyses of the REDUCE MRSA Trial. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2485-2485.	1.4	3
66	Marked reduction in compliance with central line insertion practices (CLIP) when accounting for missing CLIP data and incomplete line capture. <i>American Journal of Infection Control</i> , 2016, 44, 242-244.	1.1	3
67	Chlorhexidine and Mupirocin for Clearance of Methicillin-Resistant <i>Staphylococcus aureus</i> Colonization After Hospital Discharge: A Secondary Analysis of the Changing Lives by Eradicating Antibiotic Resistance Trial. <i>Clinical Infectious Diseases</i> , 2023, 76, e1208-e1216.	2.9	3
68	Epidemiology and genomics of a slow outbreak of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in a neonatal intensive care unit: Successful chronic decolonization of MRSA-positive healthcare personnel. <i>Infection Control and Hospital Epidemiology</i> , 2023, 44, 589-596.	1.0	3
69	839. Effect of <i>Clostridioides difficile</i> (C. difficile) Toxin Test Reporting on Clinical Treatment and Outcomes of Toxin-Negative PCR-Positive Patients at Five California Hospitals. <i>Open Forum Infectious Diseases</i> , 2019, 6, S10-S11.	0.4	2
70	892Cost-Benefit Analysis of Universal Screening and Contact Precautions for Methicillin-resistant <i>Staphylococcus aureus</i> Carriers from the Hospital Perspective. <i>Open Forum Infectious Diseases</i> , 2014, 1, S257-S257.	0.4	1
71	908Use of Claims Data to Identify Cases of Surgical Site Infection Following Colon Surgery Identified Many Unreported Infections in a State-Wide Validation. <i>Open Forum Infectious Diseases</i> , 2014, 1, S262-S262.	0.4	1
72	Impact of a Standardized Central Line Insertion Site Assessment Score on Localized Inflammation and Infection. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	1

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73	Evaluating Antibiotic Use and Recurrent (Clostridium Difficile Infection) Risk Among Hospitalized Patients With a History of Clostridium Difficile Infection: Opportunities in Stewardship. Open Forum Infectious Diseases, 2016, 3, .	0.4	1
74	When a Home is Not a Home: MultiDrug-Resistant Organism (MDRO) Colonization and Environmental Contamination in 28 Nursing Homes (NHs). Open Forum Infectious Diseases, 2017, 4, S42-S43.	0.4	1
75	894. Universal Decolonization in Nursing Homes: Effect of Chlorhexidine and Nasal Povidoneâ€“Iodine on Prevalence of Multi-Drug-Resistant Organisms (MDROs) in the PROTECT Trial. Open Forum Infectious Diseases, 2019, 6, S24-S24.	0.4	1
76	Hospital Influenza Admissions as a Harbinger for Nursing Home Influenza Cases. Journal of the American Medical Directors Association, 2020, 21, 121-126.	1.2	1
77	Quantifying influenza exposure within California hospitals and nursing homes using administrative data. American Journal of Infection Control, 2020, 48, 831-833.	1.1	1
78	Accounting for quality improvement during the conduct of embedded pragmatic clinical trials within healthcare systems: NIH Collaboratory case studies. Healthcare, 2021, 8, 100432.	0.6	1
79	Combined laparoscopic and open colon surgery rankings fail to accurately rank hospitals by surgical-site infection rate. Infection Control and Hospital Epidemiology, 0, , 1-7.	1.0	1
80	Reply to Moehring et al. Infection Control and Hospital Epidemiology, 2012, 33, 857-858.	1.0	0
81	915Is a hospital's surgical site infection rate among Medicare-insured patients a good indicator of outcome for commercially-insured patients?. Open Forum Infectious Diseases, 2014, 1, S264-S264.	0.4	0
82	942How Do Hospitals Detect Outbreaks?. Open Forum Infectious Diseases, 2014, 1, S274-S274.	0.4	0
83	1450Impact of Body Surface Decolonization on Bacteriuria and Candiduria in a Cluster-Randomized Trial of Intensive Care Units. Open Forum Infectious Diseases, 2014, 1, S382-S382.	0.4	0
84	LB-5Measles Outbreak in a Heavily Vaccinated Community: How Wide Should The Net Be Cast?. Open Forum Infectious Diseases, 2014, 1, S67-S68.	0.4	0
85	Reply to Oâ€™Riordan et al. Infection Control and Hospital Epidemiology, 2015, 36, 857-858.	1.0	0
86	893. The SHIELD Orange County Project: A Decolonization Strategy in 35 Hospitals and Nursing Homes Reduces Multi-Drug-Resistant Organism (MDRO) Prevalence in a Southern California Region. Open Forum Infectious Diseases, 2019, 6, S23-S24.	0.4	0
87	84. Evaluation of the NHSN Standardized Infection Ratio (SIR) Risk Adjustment for HO-CDI in Oncology and ICU Patients in General Acute Care Hospitals. Open Forum Infectious Diseases, 2019, 6, S4-S4.	0.4	0
88	1241. Marked Improvement in Post-Operative Craniotomy Wound Care Using 2% Chlorhexidine (CHG) Cloths for Blood Clots Removal and Hair Cleaning in a Photo-Documentation Survey. Open Forum Infectious Diseases, 2019, 6, S447-S447.	0.4	0
89	Impact of empiric antibiotics for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infection and associated <i>Clostridioides difficile</i> infection (CDI) risk: Secondary analysis of the CLEAR trial. Infection Control and Hospital Epidemiology, 2021, 42, 1493-1496.	1.0	0
90	Unintended Consequences of MRSA Infection: Empiric Non-MRSA Antibiotic Use and Resultant <i>Clostridioides difficile</i> Infection. Infection Control and Hospital Epidemiology, 2020, 41, s421-s422.	1.0	0

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91	Post-discharge decolonization of patients harboring methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) USA300 strains: secondary analysis of the CLEAR Trial. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-4.	1.0	0