

Aaron M Milstone

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113
papers

2,028
citations

23
h-index

41
g-index

123
ext. papers

2,653
ext. citations

5
avg, IF

5.13
L-index

#	Paper	IF	Citations
113	Chlorhexidine: expanding the armamentarium for infection control and prevention. <i>Clinical Infectious Diseases</i> , 2008 , 46, 274-81	11.6	257
112	Daily chlorhexidine bathing to reduce bacteraemia in critically ill children: a multicentre, cluster-randomised, crossover trial. <i>Lancet, The</i> , 2013 , 381, 1099-106	40	153
111	Timing of preoperative antibiotic prophylaxis: a modifiable risk factor for deep surgical site infections after pediatric spinal fusion. <i>Pediatric Infectious Disease Journal</i> , 2008 , 27, 704-8	3.4	83
110	Association of Staphylococcus aureus Colonization with the Evolving Neonatal Nasal Microbiome and the Impact of Intranasal Mupirocin. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S682-S682	1	78
109	The Impact of active surveillance culture and decolonization programs on NICU MRSA transmission: A multicenter, mechanistic modeling approach.. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S45-S45	1	78
108	977Impact of Decolonization on Methicillin-resistant Staphylococcus aureus Transmission in Hospitalized Neonates. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S284-S284	1	78
107	981Catheter Complications in Children Discharged with Peripherally Inserted Central Catheters (PICCs). <i>Open Forum Infectious Diseases</i> , 2014 , 1, S285-S285	1	78
106	2310. Reasons Pediatric Providers Obtain Endotracheal Aspirate Cultures and How Results Inform Patient Management. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S686-S686	1	78
105	Methicillin-resistant Staphylococcus aureus colonization and risk of subsequent infection in critically ill children: importance of preventing nosocomial methicillin-resistant Staphylococcus aureus transmission. <i>Clinical Infectious Diseases</i> , 2011 , 53, 853-9	11.6	59
104	Bloodstream infections: epidemiology and resistance. <i>Clinics in Perinatology</i> , 2015 , 42, 1-16, vii	2.8	52
103	Risk Factors Associated With SARS-CoV-2 Seropositivity Among US Health Care Personnel. <i>JAMA Network Open</i> , 2021 , 4, e211283	10.4	50
102	Community-associated methicillin-resistant Staphylococcus aureus strains in pediatric intensive care unit. <i>Emerging Infectious Diseases</i> , 2010 , 16, 647-55	10.2	44
101	Factors associated with acute kidney injury in children receiving vancomycin. <i>Annals of Pharmacotherapy</i> , 2014 , 48, 1555-62	2.9	43
100	Research Methods in Healthcare Epidemiology and Antimicrobial Stewardship-Quasi-Experimental Designs. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 1135-40	2	43
99	Association of a Clinical Practice Guideline With Blood Culture Use in Critically Ill Children. <i>JAMA Pediatrics</i> , 2017 , 171, 157-164	8.3	39
98	Active Surveillance Cultures and Decolonization to Reduce Staphylococcus aureus Infections in the Neonatal Intensive Care Unit. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 381-7	2	39
97	Role of decolonization in a comprehensive strategy to reduce methicillin-resistant Staphylococcus aureus infections in the neonatal intensive care unit: an observational cohort study. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 558-60	2	37

96	Clinical Subpopulations in a Sample of North American Children Diagnosed With Acute Flaccid Myelitis, 2012-2016. <i>JAMA Pediatrics</i> , 2019 , 173, 134-139	8.3	31
95	Extensively drug-resistant tuberculosis in a young child after travel to India. <i>Lancet Infectious Diseases</i> , 2015 , 15, 1485-91	25.5	27
94	Identification and eradication of methicillin-resistant <i>Staphylococcus aureus</i> colonization in the neonatal intensive care unit: results of a national survey. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 766-8	2	27
93	Increasing Clindamycin and Trimethoprim-Sulfamethoxazole Resistance in Pediatric <i>Staphylococcus aureus</i> Infections. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019 , 8, 351-353	4.8	25
92	Do prolonged peripherally inserted central venous catheter dwell times increase the risk of bloodstream infection?. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 1184-7	2	24
91	Evaluation of Multiple Methods for Detection of Gastrointestinal Colonization of Carbapenem-Resistant Organisms from Rectal Swabs. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1664-1687	28.7	24
90	A Multicenter Longitudinal Study of Hospital-Onset Bacteremia: Time for a New Quality Outcome Measure?. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 143-8	2	23
89	Prescriber Behavior in <i>Clostridioides difficile</i> Testing: A 3-Hospital Diagnostic Stewardship Intervention. <i>Clinical Infectious Diseases</i> , 2019 , 69, 2019-2021	11.6	22
88	Trends in Chlorhexidine Use in US Neonatal Intensive Care Units: Results From a Follow-Up National Survey. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 1116-8	2	20
87	High Burden of Antimicrobial Resistance and Mortality Among Adults and Children With Community-Onset Bacterial Infections in India. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1312-1320	7	19
86	Durability of Antibody Levels After Vaccination With mRNA SARS-CoV-2 Vaccine in Individuals With or Without Prior Infection. <i>JAMA - Journal of the American Medical Association</i> , 2021 ,	27.4	19
85	Effect of Treating Parents Colonized With <i>Staphylococcus aureus</i> on Transmission to Neonates in the Intensive Care Unit: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 319-328	27.4	19
84	A methodological comparison of risk scores versus decision trees for predicting drug-resistant infections: A case study using extended-spectrum beta-lactamase (ESBL) bacteremia. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 400-407	2	17
83	Unrecognized burden of methicillin-resistant <i>Staphylococcus aureus</i> and vancomycin-resistant <i>Enterococcus</i> carriage in the pediatric intensive care unit. <i>Infection Control and Hospital Epidemiology</i> , 2008 , 29, 1174-6	2	17
82	The Prevalence and Molecular Epidemiology of Multidrug-Resistant Enterobacteriaceae Colonization in a Pediatric Intensive Care Unit. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 535-43	2	17
81	Chlorhexidine inhibits L1 cell adhesion molecule-mediated neurite outgrowth in vitro. <i>Pediatric Research</i> , 2014 , 75, 8-13	3.2	16
80	Antibiotic susceptibility of common pediatric uropathogens in the United States. <i>Clinical Infectious Diseases</i> , 2014 , 59, 750-2	11.6	14
79	Epidemiology of respiratory viruses in children admitted to an infant/toddler unit. <i>American Journal of Infection Control</i> , 2012 , 40, 462-4	3.8	14

78	Community-Onset Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Young Infants: A Systematic Review. <i>Journal of Pediatrics</i> , 2021 , 228, 94-100.e3	3.6	14
77	Status of the Prevention of Multidrug-Resistant Organisms in International Settings: A Survey of the Society for Healthcare Epidemiology of America Research Network. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 53-60	2	13
76	The role of syndromic surveillance in directing the public health response to the enterovirus D68 epidemic. <i>JAMA Pediatrics</i> , 2014 , 168, 981-2	8.3	13
75	Extended-Spectrum Beta-Lactamase Bacteria From Urine Isolates in Children. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2015 , 20, 373-7	1.6	11
74	The past, present, and future of healthcare-associated infection prevention in pediatrics: multidrug-resistant organisms. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31 Suppl 1, S18-21	2	11
73	Cerebrospinal fluid penetration and bacteriostatic activity of linezolid against <i>Enterococcus faecalis</i> in a child with a ventriculoperitoneal shunt infection. <i>Pediatric Neurosurgery</i> , 2007 , 43, 406-9	0.9	11
72	Dissemination of a Novel Framework to Improve Blood Culture Use in Pediatric Critical Care. <i>Pediatric Quality & Safety</i> , 2018 , 3, e112	1	11
71	Association of Vaccine Type and Prior SARS-CoV-2 Infection With Symptoms and Antibody Measurements Following Vaccination Among Health Care Workers. <i>JAMA Internal Medicine</i> , 2021 , 181, 1660-1662	11.5	11
70	Low prevalence of mupirocin resistance among hospital-acquired methicillin-resistant <i>Staphylococcus aureus</i> isolates in a neonatal intensive care unit with an active surveillance cultures and decolonization program. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 232-4	2	10
69	High Burden of Bloodstream Infections Associated With Antimicrobial Resistance and Mortality in the Neonatal Intensive Care Unit in Pune, India. <i>Clinical Infectious Diseases</i> , 2021 , 73, 271-280	11.6	10
68	Targeted surveillance to identify children colonized with vancomycin-resistant <i>Enterococcus</i> in the pediatric intensive care unit. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 95-8	2	10
67	Practices, Perceptions, and Attitudes in the Evaluation of Critically Ill Children for Bacteremia: A National Survey. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, e23-e29	3	10
66	Ebola Preparedness Resources for Acute-Care Hospitals in the United States: A Cross-Sectional Study of Costs, Benefits, and Challenges. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 405-410	2	9
65	The Association Between the Developing Nasal Microbiota of Hospitalized Neonates and Colonization. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz062	1	9
64	Association of an Active Surveillance and Decolonization Program on Incidence of Clinical Cultures Growing <i>Staphylococcus aureus</i> in the Neonatal Intensive Care Unit. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 882-884	2	9
63	Preventability of hospital onset bacteremia and fungemia: A pilot study of a potential healthcare-associated infection outcome measure. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 358-361	2	9
62	Deep Infections After Pediatric Spinal Arthrodesis: Differences Exist with Idiopathic, Neuromuscular, or Genetic and Syndromic Cause of Deformity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, 2219-2225	5.6	9
61	The impact of chlorhexidine gluconate bathing on skin bacterial burden of neonates admitted to the Neonatal Intensive Care Unit. <i>Journal of Perinatology</i> , 2019 , 39, 63-71	3.1	9

60	Transforming a PICU Into an Adult ICU During the Coronavirus Disease 2019 Pandemic: Meeting Multiple Needs 2020 , 2, e0201		8
59	Bacterial Infections in Neonates Following Mupirocin-Based MRSA Decolonization: A Multicenter Cohort Study. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 930-936	2	7
58	Hospital epidemiologists and infection preventionists' opinions regarding hospital-onset bacteremia and fungemia as a potential healthcare-associated infection metric. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 536-540	2	7
57	Family-Centered Care and High-Consequence Pathogens: Thinking Outside the Room. <i>JAMA Pediatrics</i> , 2015 , 169, 985-6	8.3	7
56	First report of <i>Westerdykella dispersa</i> as a cause of an angioinvasive fungal infection in a neutropenic host. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 4407-11	9.7	7
55	SHEA neonatal intensive care unit (NICU) white paper series: Practical approaches to disease prevention. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 1251-1257	2	7
54	Chlorhexidine gluconate bathing in children with cancer or those undergoing hematopoietic stem cell transplantation: A double-blinded randomized controlled trial from the Children's Oncology Group. <i>Cancer</i> , 2020 , 127, 56-66	6.4	7
53	Durability of Spike Immunoglobulin G Antibodies to SARS-CoV-2 Among Health Care Workers With Prior Infection. <i>JAMA Network Open</i> , 2021 , 4, e2123256	10.4	7
52	Multistate Outbreak of an Emerging <i>Burkholderia cepacia</i> Complex Strain Associated With Contaminated Oral Liquid Docusate Sodium. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 237-239		6
51	How frequently are hospitalized patients colonized with carbapenem-resistant Enterobacteriaceae (CRE) already on contact precautions for other indications?. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 1491-1493	2	6
50	Impact of weekly asymptomatic testing for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) in inpatients at an academic hospital. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-3	2	6
49	The Role of Healthcare Worker-Mediated Contact Networks in the Transmission of Vancomycin-Resistant. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa056	1	5
48	Treating Parents to Reduce NICU Transmission of <i>Staphylococcus aureus</i> (TREAT PARENTS) trial: protocol of a multisite randomised, double-blind, placebo-controlled trial. <i>BMJ Open</i> , 2015 , 5, e009274	3	5
47	Alerting pregnant women to the risk of reptile-associated salmonellosis. <i>Obstetrics and Gynecology</i> , 2006 , 107, 516-8	4.9	5
46	A Diagnostic Stewardship Intervention To Improve Blood Culture Use among Adult Nonneutropenic Inpatients: the DISTRIBUTE Study. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	5
45	A Decision Tree Using Patient Characteristics to Predict Resistance to Commonly Used Broad-Spectrum Antibiotics in Children With Gram-Negative Bloodstream Infections. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020 , 9, 142-149	4.8	5
44	Risk Factors for Non-Therapeutic Initial Steady-State Vancomycin Trough Concentrations in Children and Adolescents Receiving High Empiric Doses of Intravenous Vancomycin. <i>Paediatric Drugs</i> , 2017 , 19, 43-51	4.2	4
43	<i>Staphylococcus aureus</i> Bacteremia in Children: Antibiotic Resistance and Mortality. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 459-463	3.4	4

42	Evaluating accuracy of sampling strategies for fluorescent gel monitoring of patient room cleaning. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 794-797	2	4
41	Association of a blood culture utilization intervention on antibiotic use in a pediatric intensive care unit. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 482-484	2	4
40	Consensus Recommendations for Blood Culture Use in Critically Ill Children Using a Modified Delphi Approach. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 774-784	3	4
39	Understanding reasons clinicians obtained endotracheal aspirate cultures and impact on patient management to inform diagnostic stewardship initiatives. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 240-242	2	4
38	Coronavirus disease 2019 (COVID-19) research agenda for healthcare epidemiology. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-11	2	4
37	Prescribers' knowledge, attitudes and perceptions about blood culturing practices for adult hospitalized patients: a call for action. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 1394-1396	2	4
36	MRSA: screening and laboratory identification. <i>Pediatric Infectious Disease Journal</i> , 2008 , 27, 927-8	3.4	3
35	In vivo characterization of emerging SARS-CoV-2 variant infectivity and human antibody escape potential. <i>Cell Reports</i> , 2021 , 37, 109838	10.6	3
34	Evaluation of the Direct MacConkey Method for Identification of Carbapenem-Resistant Gram-Negative Organisms from Rectal Swabs: Reevaluating Zone Diameter Cutoffs. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	3
33	Current infection prevention and antibiotic stewardship program practices: A survey of the Society for Healthcare Epidemiology of America (SHEA) Research Network (SRN). <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 1046-1049	2	2
32	Pediatric research priorities in healthcare-associated infections and antimicrobial stewardship. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 519-522	2	2
31	Changing antibiotic resistance patterns for Staphylococcus aureus surgical site infections. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 486-487	2	2
30	Association of Diagnostic Stewardship for Blood Cultures in Critically Ill Children With Culture Rates, Antibiotic Use, and Patient Outcomes: Results of the Bright STAR Collaborative. <i>JAMA Pediatrics</i> , 2022 ,	8.3	2
29	Analysis of Morphologically Similar Staphylococcus aureus Colonies for Assessment of Phenotypic and Genotypic Correlation. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 2285-2286	9.7	1
28	Saving neonatal lives by improving infection prevention in low-resource units: tools are needed. <i>Journal of Global Health</i> , 2019 , 9, 010319	4.3	1
27	A retrospective cohort study of antibiotic exposure and vancomycin-resistant Enterococcus recolonization. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 414-419	2	1
26	How good is our diagnostic intuition? Clinician prediction of bacteremia in critically ill children. <i>BMC Medical Informatics and Decision Making</i> , 2020 , 20, 144	3.6	1
25	Reply to Nguyen et al. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1351	11.6	1

24	Development and evaluation of a structured guide to assess the preventability of hospital-onset bacteremia and fungemia.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-7	2	1
23	Differentiation of SARS-CoV-2 previously infected and vaccinated individuals in an inner-city emergency department.. <i>Journal of Clinical Microbiology</i> , 2022 , jcm0239021	9.7	1
22	Culture Ordering for Patients with New-onset Fever: A Survey of Pediatric Intensive Care Unit Clinician Practices. <i>Pediatric Quality & Safety</i> , 2021 , 6, e463	1	1
21	Differentiation of SARS-CoV-2 naturally infected and vaccinated individuals in an inner-city emergency department 2021 ,		1
20	Reply to Are we certain that chlorhexidine gluconate bathing is not beneficial in deducing central line associated blood stream infections among children with cancer or undergoing hematopoietic stem cell transplantation?. <i>Cancer</i> , 2021 , 127, 2813-2814	6.4	1
19	Gram-Negative and Fungal Infections Following Mupirocin-Based Methicillin-Resistant Staphylococcus aureus Decolonization in Neonates. <i>Open Forum Infectious Diseases</i> , 2016 , 3,	1	1
18	577. The Role of Healthcare Worker-Mediated Contact Networks in the Transmission of Vancomycin-Resistant Enterococci. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S272-S273	1	1
17	1956. Reduction in Endotracheal Aspirate Cultures after Implementation of a Diagnostic Stewardship Intervention in a Pediatric Intensive Care Unit. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S61-S61	1	1
16	Alcohol-impregnated caps and ambulatory central-line-associated bloodstream infections (CLABSIs): A randomized clinical trial. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 431-439	2	1
15	N95 filtering face piece respirators remain effective after extensive reuse during the coronavirus disease 2019 (COVID-19) pandemic. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 896-899	2	1
14	Impact of prior SARS-CoV-2 infection on post-vaccination SARS-CoV-2 spike IgG antibodies in a longitudinal cohort of healthcare workers		1
13	Implementation of the Comprehensive Unit-Based Safety Program to Improve Infection Prevention and Control Practices in Four Neonatal Intensive Care Units in Pune, India.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 794637	3.4	0
12	Low Diversity in Nasal Microbiome Associated With Colonization and Bloodstream Infections in Hospitalized Neonates. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab475	1	0
11	Trainee-led Engagement of the Care Team Improves Application of an Institutional Blood Culture Clinical Decision Algorithm to Pediatric Oncology Inpatients: A Single-institution Quality Improvement Project.. <i>Pediatric Quality & Safety</i> , 2022 , 7, e545	1	0
10	Survey-based Work System Assessment to Facilitate Large-scale Dissemination of Healthcare Quality Improvement Programs. <i>Pediatric Quality & Safety</i> , 2020 , 5, e288	1	
9	Transmission of severe acute respiratory coronavirus virus 2 (SARS-CoV-2), delta variant, between two fully vaccinated healthcare personnel. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-3	2	
8	Cost-effectiveness of carbapenem-resistant Enterobacteriaceae (CRE) surveillance in Maryland. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-9	2	
7	Vascular Access in Children to Prevent and Treat Infectious Diseases. <i>Pediatrics</i> , 2020 , 145, S290-S291	7.4	

6	43745 A pilot survey to assess the practices, attitudes and beliefs around endotracheal aspirate culture use in a pediatric intensive care unit. <i>Journal of Clinical and Translational Science</i> , 2021 , 5, 52-52	0.4
5	Development of an Electronic Algorithm to Identify in Real Time Adults Hospitalized With Suspected Community-Acquired Pneumonia. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab291	1
4	Research Methods in Healthcare Epidemiology and Antimicrobial Stewardship. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 627-8	2
3	Upholding Family-Centered Care in the Face of High-Consequence Pathogens--Thinking Inside the Room--Reply. <i>JAMA Pediatrics</i> , 2016 , 170, 299	8.3
2	Impact of postnatal age on neonatal intensive care unit bloodstream infection reporting. <i>American Journal of Infection Control</i> , 2021 , 49, 1191-1193	3.8
1	SARS-CoV-2 Exposure Investigations Using Genomic Sequencing Among Healthcare Workers and Patients in A Large Academic Center.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-10	2