

L Silvia Munoz-Price

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1751134/l-silvia-munoz-price-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

124
papers

6,524
citations

41
h-index

80
g-index

138
ext. papers

7,551
ext. citations

4.7
avg, IF

6.17
L-index

#	Paper	IF	Citations
124	Acinetobacter infection. <i>New England Journal of Medicine</i> , 2008 , 358, 1271-81	59.2	1055
123	Clinical epidemiology of the global expansion of Klebsiella pneumoniae carbapenemases. <i>Lancet Infectious Diseases</i> , 2013 , 13, 785-96	25.5	1030
122	The new beta-lactamases. <i>New England Journal of Medicine</i> , 2005 , 352, 380-91	59.2	566
121	Universal glove and gown use and acquisition of antibiotic-resistant bacteria in the ICU: a randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 1571-80	27.4	199
120	Emergence and rapid regional spread of Klebsiella pneumoniae carbapenemase-producing Enterobacteriaceae. <i>Clinical Infectious Diseases</i> , 2011 , 53, 532-40	11.6	181
119	Racial Disparities in Incidence and Outcomes Among Patients With COVID-19. <i>JAMA Network Open</i> , 2020 , 3, e2021892	10.4	166
118	Multicity outbreak of carbapenem-resistant Acinetobacter baumannii isolates producing the carbapenemase OXA-40. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 2941-5	5.9	155
117	Successful control of an outbreak of Klebsiella pneumoniae carbapenemase-producing K. pneumoniae at a long-term acute care hospital. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 341-7	2	145
116	Emergence of resistance to daptomycin during treatment of vancomycin-resistant Enterococcus faecalis infection. <i>Clinical Infectious Diseases</i> , 2005 , 41, 565-6	11.6	123
115	Prevention of bloodstream infections by use of daily chlorhexidine baths for patients at a long-term acute care hospital. <i>Infection Control and Hospital Epidemiology</i> , 2009 , 30, 1031-5	2	102
114	The efficacy of daily bathing with chlorhexidine for reducing healthcare-associated bloodstream infections: a meta-analysis. <i>Infection Control and Hospital Epidemiology</i> , 2012 , 33, 257-67	2	93
113	Reconsidering contact precautions for endemic methicillin-resistant Staphylococcus aureus and vancomycin-resistant Enterococcus. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 1163-72	2	90
112	Associations between bacterial contamination of health care workers' hands and contamination of white coats and scrubs. <i>American Journal of Infection Control</i> , 2012 , 40, e245-8	3.8	83
111	Long-term acute care hospitals. <i>Clinical Infectious Diseases</i> , 2009 , 49, 438-43	11.6	82
110	Healthcare personnel attire in non-operating-room settings. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 107-21	2	81
109	Prevalence of Clostridium difficile and Multidrug Resistant Gram-negative Rods in the Soil from Southeastern Wisconsin. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S381-S382	1	78
108	Central Nervous System Infections Caused by Acinetobacter baumannii. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S240-S240	1	78

107	2339. Clostridioides difficile: Impact of Active Screening of Asymptomatic Carriers and Testing Stewardship. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S803-S804	1	78
106	2399. Ribotype Diversity of Clostridioides difficile strains obtained during screening tests. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S828-S829	1	78
105	534. Active Screening for Carbapenemase Producing Enterobacteriaceae: Yield and Cost Considerations. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S256-S256	1	78
104	1225. How Frequently Should Sink Drains Be Disinfected?. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S440-S440	1	78
103	1192. Identification of a Novel Enterobacter cloacae Isolate Producing an IMP-13 Metallo- β -Lactamase. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S360-S361	1	78
102	Decreasing operating room environmental pathogen contamination through improved cleaning practice. <i>Infection Control and Hospital Epidemiology</i> , 2012 , 33, 897-904	2	74
101	Emergence of KPC-producing Pseudomonas aeruginosa in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3072	5.9	69
100	Deconstructing the infection control bundles for the containment of carbapenem-resistant Enterobacteriaceae. <i>Current Opinion in Infectious Diseases</i> , 2013 , 26, 378-87	5.4	65
99	The clinical impact of ganciclovir prophylaxis on the occurrence of bacteremia in orthotopic liver transplant recipients. <i>Clinical Infectious Diseases</i> , 2004 , 39, 1293-9	11.6	59
98	Infection prevention in the operating room anesthesia work area. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 1-17	2	57
97	Clinical outcomes of carbapenem-resistant Acinetobacter baumannii bloodstream infections: study of a 2-state monoclonal outbreak. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 1057-62	2	56
96	Successful eradication of a monoclonal strain of Klebsiella pneumoniae during a K. pneumoniae carbapenemase-producing K. pneumoniae outbreak in a surgical intensive care unit in Miami, Florida. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 1074-7	2	52
95	Wild coastline birds as reservoirs of broad-spectrum- β -lactamase-producing Enterobacteriaceae in Miami Beach, Florida. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2756-8	5.9	51
94	Double gloves: a randomized trial to evaluate a simple strategy to reduce contamination in the operating room. <i>Anesthesia and Analgesia</i> , 2015 , 120, 848-52	3.9	50
93	Surveillance cultures growing carbapenem-Resistant Acinetobacter baumannii predict the development of clinical infections: a retrospective cohort study. <i>Clinical Infectious Diseases</i> , 2015 , 60, 415-22	11.6	47
92	Aerosolization of Acinetobacter baumannii in a trauma ICU*. <i>Critical Care Medicine</i> , 2013 , 41, 1915-8	1.4	47
91	Eighteen years of experience with Acinetobacter baumannii in a tertiary care hospital. <i>Critical Care Medicine</i> , 2013 , 41, 2733-42	1.4	47
90	Efficacy of ertapenem for treatment of bloodstream infections caused by extended-spectrum- β -lactamase-producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2173-7	5.9	45

89	Infection control in field hospitals after a natural disaster: lessons learned after the 2010 earthquake in Haiti. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 951-7	2	43
88	Clostridium difficile in Immunocompromised Hosts: A Review of Epidemiology, Risk Factors, Treatment, and Prevention. <i>Clinical Infectious Diseases</i> , 2019 , 68, 2144-2153	11.6	43
87	Distribution of SARS-CoV-2 PCR Cycle Threshold Values Provide Practical Insight Into Overall and Target-Specific Sensitivity Among Symptomatic Patients. <i>American Journal of Clinical Pathology</i> , 2020 , 154, 479-485	1.9	42
86	Duration of Contact Precautions for Acute-Care Settings. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 127-144	2	41
85	Isolation precautions for visitors. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 747-58	2	37
84	Interactions between anesthesiologists and the environment while providing anesthesia care in the operating room. <i>American Journal of Infection Control</i> , 2013 , 41, 922-4	3.8	37
83	Effectiveness of stepwise interventions targeted to decrease central catheter-associated bloodstream infections. <i>Critical Care Medicine</i> , 2012 , 40, 1464-9	1.4	36
82	Acinetobacter baumannii: association between environmental contamination of patient rooms and occupant status. <i>Infection Control and Hospital Epidemiology</i> , 2013 , 34, 517-20	2	33
81	The use of a novel technology to study dynamics of pathogen transmission in the operating room. <i>Anesthesia and Analgesia</i> , 2015 , 120, 844-7	3.9	32
80	Handling Time-dependent Variables: Antibiotics and Antibiotic Resistance. <i>Clinical Infectious Diseases</i> , 2016 , 62, 1558-1563	11.6	32
79	Pulmonary imaging of pandemic influenza H1N1 infection: relationship between clinical presentation and disease burden on chest radiography and CT. <i>British Journal of Radiology</i> , 2010 , 83, 645-51	3.4	31
78	Genetic features of CTX-M-15-producing Acinetobacter baumannii from Haiti. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5946-8	5.9	26
77	Four years of surveillance cultures at a long-term acute care hospital. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 59-63	2	25
76	Randomized crossover study evaluating the effect of a hand sanitizer dispenser on the frequency of hand hygiene among anesthesiology staff in the operating room. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 717-20	2	24
75	An evaluation of hand hygiene in an intensive care unit: Are visitors a potential vector for pathogens?. <i>Journal of Infection and Public Health</i> , 2015 , 8, 570-4	7.4	23
74	Control of a two-decade endemic situation with carbapenem-resistant Acinetobacter baumannii: electronic dissemination of a bundle of interventions. <i>American Journal of Infection Control</i> , 2014 , 42, 466-71	3.8	22
73	: Clinical Experience of an Academic Health System in Southeastern Wisconsin. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx251	1	22
72	Carbapenem-Resistant Acinetobacter baumannii: Concomitant Contamination of Air and Environmental Surfaces. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 777-81	2	22

71	Environmental exposure to carbapenem-resistant <i>Acinetobacter baumannii</i> as a risk factor for patient acquisition of <i>A. baumannii</i> . <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 430-3	2	21
70	Bed bugs in healthcare settings. <i>Infection Control and Hospital Epidemiology</i> , 2012 , 33, 1137-42	2	21
69	Infection control precautions for visitors to healthcare facilities. <i>Expert Review of Anti-Infective Therapy</i> , 2015 , 13, 1047-50	5.5	20
68	Diagnosis, prevention, and treatment of scabies. <i>Current Infectious Disease Reports</i> , 2013 , 15, 426-31	3.9	19
67	Differential laundering practices of white coats and scrubs among health care professionals. <i>American Journal of Infection Control</i> , 2013 , 41, 565-7	3.8	18
66	Four cases of invasive methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infections treated with tigecycline. <i>Scandinavian Journal of Infectious Diseases</i> , 2006 , 38, 1081-4		18
65	Frequency of interactions and hand disinfections among anesthesiologists while providing anesthesia care in the operating room: induction versus maintenance. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 1056-9	2	17
64	Outbreak of <i>Klebsiella pneumoniae</i> Carbapenemase-Producing <i>Citrobacter freundii</i> at a Tertiary Acute Care Facility in Miami, Florida. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 320-326	2	15
63	Contamination of Ambient Air with <i>Acinetobacter baumannii</i> on Consecutive Inpatient Days. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2346-8	9.7	15
62	A New Approach to Pathogen Containment in the Operating Room: Sheathing the Laryngoscope After Intubation. <i>Anesthesia and Analgesia</i> , 2015 , 121, 1209-14	3.9	14
61	The Effect of Universal Glove and Gown Use on Adverse Events in Intensive Care Unit Patients. <i>Clinical Infectious Diseases</i> , 2015 , 61, 545-53	11.6	14
60	Effect of high perioperative oxygen supplementation on surgical site infections. <i>Clinical Infectious Diseases</i> , 2013 , 57, 1465-72	11.6	14
59	The relevance of sink proximity to toilets on the detection of <i>Klebsiella pneumoniae</i> carbapenemase inside sink drains. <i>American Journal of Infection Control</i> , 2019 , 47, 98-100	3.8	14
58	Differential environmental contamination with <i>Acinetobacter baumannii</i> based on the anatomic source of colonization. <i>American Journal of Infection Control</i> , 2014 , 42, 755-7	3.8	13
57	Hand hygiene and anesthesiology. <i>International Anesthesiology Clinics</i> , 2013 , 51, 79-92	0.6	13
56	Use of UV powder for surveillance to improve environmental cleaning. <i>Infection Control and Hospital Epidemiology</i> , 2011 , 32, 283-5	2	13
55	New Delhi Metallo-β-Lactamase-1-Producing <i>Klebsiella pneumoniae</i> , Florida, USA(1). <i>Emerging Infectious Diseases</i> , 2016 , 22, 744-6	10.2	12
54	Coronavirus disease 2019 (COVID-19) in long-term care facilities: A review of epidemiology, clinical presentations, and containment interventions. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 1-6	2	11

53	Evaluating the Impact of Antibiotic Exposures as Time-Dependent Variables on the Acquisition of Carbapenem-Resistant <i>Acinetobacter baumannii</i> . <i>Critical Care Medicine</i> , 2016 , 44, e949-56	1.4	10
52	Patient-to-Patient Transmission of <i>Klebsiella pneumoniae</i> Carbapenemase Variants with Reduced Ceftazidime-Avibactam Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
51	Ultraviolet powder versus ultraviolet gel for assessing environmental cleaning. <i>Infection Control and Hospital Epidemiology</i> , 2012 , 33, 192-5	2	10
50	Infection Prevention Precautions for Routine Anesthesia Care During the SARS-CoV-2 Pandemic. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1342-1354	3.9	10
49	<i>Klebsiella pneumoniae</i> sequence type 11 isolate producing RmtG 16S rRNA methyltransferase from a patient in Miami, Florida. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4980-1	5.9	9
48	Controlling multidrug-resistant Gram-negative bacilli in your hospital: a transformational journey. <i>Journal of Hospital Infection</i> , 2015 , 89, 254-8	6.9	8
47	<i>Clostridium difficile</i> Exposures, Colonization, and the Microbiome: Implications for Prevention. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 596-602	2	7
46	The Intersection Between Colonization Resistance, Antimicrobial Stewardship, and <i>Clostridium difficile</i> . <i>Current Infectious Disease Reports</i> , 2018 , 20, 27	3.9	7
45	Effectiveness of a hydrogen peroxide foam against bleach for the disinfection of sink drains. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 724-726	2	6
44	Scabies and bedbugs in hospital outbreaks. <i>Current Infectious Disease Reports</i> , 2014 , 16, 412	3.9	6
43	Air contamination of households versus hospital inpatient rooms occupied by severe acute respiratory coronavirus virus 2 (SARS-CoV-2)-positive patients. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-5	2	6
42	Use of a cohorting-unit and systematic surveillance cultures to control a <i>Klebsiella pneumoniae</i> carbapenemase (KPC)-producing Enterobacteriaceae outbreak. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 767-773	2	5
41	Preventing Infection of Patients and Healthcare Workers Should Be the New Normal in the Era of Novel Coronavirus Epidemics: Reply. <i>Anesthesiology</i> , 2020 , 133, 463-464	4.3	5
40	Prevalence of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Asymptomatic Infections in 2 Large Academic Health Systems in Wisconsin. <i>Clinical Infectious Diseases</i> , 2021 , 73, e3974-e3976 ⁵	11.6	5
39	Recurrent Visual Electronic Hand Hygiene Reminders in the Anesthesia Work Area. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 872-4	2	5
38	The Juncture Between <i>Clostridioides difficile</i> Infection and Inflammatory Bowel Diseases. <i>Clinical Infectious Diseases</i> , 2019 , 69, 366-372	11.6	4
37	<i>Acinetobacter</i> in the air: did Maryland get it wrong?. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 833-4	2	4
36	A Comparison of Two Methods for Sampling Air: Settle Plates Versus Impactor. <i>Open Forum Infectious Diseases</i> , 2015 , 2,	1	3

35	Carbapenem-resistant Enterobacteriaceae, long-term acute care hospitals, and our distortions of reality. <i>Infection Control and Hospital Epidemiology</i> , 2013 , 34, 835-7	2	3
34	Association Between Environmental Factors and Toxigenic <i>Clostridioides difficile</i> Carriage at Hospital Admission. <i>JAMA Network Open</i> , 2020 , 3, e1919132	10.4	3
33	Transmission Dynamics of <i>Clostridioides difficile</i> in 2 High-Acuity Hospital Units. <i>Clinical Infectious Diseases</i> , 2021 , 72, S1-S7	11.6	3
32	Risk of infection in patients undergoing urologic surgery based on the presence of asymptomatic bacteriuria: A prospective study. <i>American Journal of Infection Control</i> , 2019 , 47, 1474-1478	3.8	2
31	Emergence and Control of Antibiotic-resistant Gram-negative Bacilli in Older Adults. <i>Current Translational Geriatrics and Experimental Gerontology Reports</i> , 2013 , 2, 113-124		2
30	Antibiotic resistance patterns of <i>Escherichia coli</i> isolates from the clinic through the wastewater pathway. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 238, 113863	6.9	2
29	Epidemiology of carbapenem-resistant Enterobacteriaceae in hospitals of a large healthcare system in Miami, Florida from 2012 to 2016: Five years of experience with an internal registry. <i>American Journal of Infection Control</i> , 2020 , 48, 1341-1347	3.8	2
28	Advances in Infection Control for <i>Clostridioides</i> (Formerly <i>Clostridium</i>) <i>difficile</i> Infection. <i>Current Treatment Options in Infectious Diseases</i> , 2019 , 11, 12-22	1	2
27	Fecal Microbiota Transplantation for <i>Clostridioides difficile</i> Infection in Immunocompromised Hosts. <i>Clinical Infectious Diseases</i> , 2021 , 72, 2247	11.6	2
26	239. Implementation of a Vertical Antimicrobial Stewardship Intervention for Patients Colonized with <i>Clostridium difficile</i> . <i>Open Forum Infectious Diseases</i> , 2018 , 5, S102-S102	1	2
25	Immediate impact of healthcare-facility-onset <i>Clostridium difficile</i> laboratory-identified events reporting methodology change on standardized infection ratios. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 1484-1486	2	2
24	The authors reply. <i>Critical Care Medicine</i> , 2013 , 41, e480-1	1.4	1
23	Poor outcomes in both infection and colonization with carbapenem-resistant Enterobacterales.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-7	2	1
22	Predicting asymptomatic severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection rates of inpatients: A time-series analysis. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-4	2	1
21	Toxigenic colonization as a risk factor for development of infection in solid-organ transplant patients. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 287-291	2	1
20	Environmental Cleaning of Outpatient Exam Rooms: How Frequent is Enough?. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 114-115	2	1
19	Duration of carbapenemase-producing Enterobacterales carriage among ICU patients in Miami, FL: A retrospective cohort study. <i>American Journal of Infection Control</i> , 2021 , 49, 1281-1286	3.8	1
18	Elastomeric Respirators for COVID-19 and the Next Respiratory Virus Pandemic: Essential Design Elements. <i>Anesthesiology</i> , 2021 , 135, 951-962	4.3	0

17	Incidence rate of severe acute respiratory coronavirus virus 2 (SARS-CoV-2) among nurses in coronavirus disease 2019 (COVID-19) units versus non-COVID-19-units at a large academic medical center. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-2	2	0
16	SARS-CoV-2 and Wisconsin Nursing Homes: Temporal Dynamics During the COVID-19 Pandemic. <i>Journal of the American Medical Directors Association</i> , 2021 , 22, 2233-2239	5.9	0
15	Predictors of Persistent Symptoms after SARS-CoV-2 Infection among Healthcare Workers: Results of a Multi-site Survey.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-11	2	0
14	Do Results of Surveillance Cultures Impact the Choice of Empirical Antibiotics Among Patients with Carbapenem-Resistant <i>Acinetobacter baumannii</i> Infections?. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 1455-7	2	
13	1803 <i>Acinetobacter baumannii</i> : Concomitant Contamination of Air and Environmental Surfaces Based on the Anatomic Source of Colonization. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S64-S64	1	
12	336 Ambient Air Contamination with <i>Acinetobacter baumannii</i> : Longitudinal observations based on the anatomic source of colonization. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S135-S135	1	
11	Reply to Rumbak and Cancio. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 880-880	2	
10	Risk factors for the development of infections associated with carbapenemase-producing among previously colonized patients: A retrospective cohort study. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 763-766	2	
9	How frequently should sink drains be disinfected?. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 358-360	2	
8	Surveillance cultures following a regional outbreak of carbapenem-resistant. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-7	2	
7	Reply to Greene: New SHEA expert guidance for infection prevention in the anesthesia work area needs improvement. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 1139	2	
6	Antimicrobial Curtains: Are They as Clean as You Think?. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 1260-2	2	
5	In Response. <i>Anesthesia and Analgesia</i> , 2021 , 132, e94-e95	3.9	
4	Letter to the Editor in Response to: Socioeconomic Status and COVID-19 Outcomes. <i>Journal of General Internal Medicine</i> , 2021 , 36, 3238	4	
3	SARS-CoV-2 Cycle Thresholds, Poverty, Race, and Clinical Outcomes.. <i>Wisconsin Medical Journal</i> , 2021 , 120, 301-304	0.5	
2	Predicting asymptomatic severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection rates of inpatients: A time-series analysis [CORRIGENDUM]. <i>Infection Control and Hospital Epidemiology</i> , 1-1	2	
1	Air Contamination in the Hospital Environment 2022 , 193-205		