Karen Lolans

List of Publications by Year
in descending order

66 papers	4,715 citations	147801 31 h-index	128289 60 g-index
73 all docs	73 docs citations	73 times ranked	5037 citing authors

#	Article	IF	Citations
1	High molecular weight DNA extraction strategies for longâ€read sequencing of complex metagenomes. Molecular Ecology Resources, 2022, 22, 1786-1802.	4.8	24
2	Threshold-free genomic cluster detection to track transmission pathways in health-care settings: a genomic epidemiology analysis. Lancet Microbe, The, 2022, , .	7.3	3
3	4. 137 Hospital Cluster-Randomized Trial of Mupirocin-Chlorhexidine vs Iodophor-Chlorhexidine for Universal Decolonization in Intensive Care Units (ICUs) (Mupirocin Iodophor Swap Out Trial). Open Forum Infectious Diseases, 2021, 8, S3-S4.	0.9	4
4	Interferon inducible pseudouridine modification in human mRNA by quantitative nanopore profiling. Genome Biology, 2021, 22, 330.	8.8	44
5	Functional and genetic markers of niche partitioning among enigmatic members of the human oral microbiome. Genome Biology, 2020, 21, 292.	8.8	132
6	Cohorting KPC+ Klebsiella pneumoniae (KPC-Kp)â€“positive patients: A genomic exposÃ© of cross-colonization hazards in a long-term acute-care hospital (LTACH). Infection Control and Hospital Epidemiology, 2020, 41, 1162-1168.	1.8	3
7	919. Understanding Intermittent Detection of Multidrug-Resistant Organisms (MDROs) in Rectally Colonized Patients. Open Forum Infectious Diseases, 2020, 7, S494-S494.	0.9	0
8	Impact of doffing errors on healthcare worker self-contamination when caring for patients on contact precautions. Infection Control and Hospital Epidemiology, 2019, 40, 559-565.	1.8	50
9	The Wolbachia mobilome in Culex pipiens includes a putative plasmid. Nature Communications, 2019, 10, 1051.	12.8	42
10	2849. Gut Microbiota Differences at the Time of Medical Intensive Care Unit (MICU) Admission Are Associated with Acquisition of Multi-drug-Resistant Organisms (MDROs) Among Patients Not Already Colonized with an MDRO. Open Forum Infectious Diseases, 2019, 6, S71-S72.	0.9	0
11	572. Relationship Between Chlorhexidine Gluconate (CHG) Skin Concentrations and Microbial Skin Colonization among Medical Intensive Care Unit (MICU) Patients. Open Forum Infectious Diseases, 2019, 6, S270-S270.	0.9	0
12	895. Impact of Measurement and Results Feedback of Chlorhexidine Gluconate (CHG) Skin Concentrations in Medical Intensive Care Unit (MICU) Patients Receiving CHG Bathing. Open Forum Infectious Diseases, 2019, 6, S24-S25.	0.9	0
13	Increased Relative Abundance of Klebsiella pneumoniae Carbapenemase-producing Klebsiella pneumoniae Within the Gut Microbiota Is Associated With Risk of Bloodstream Infection in Long-term Acute Care Hospital Patients. Clinical Infectious Diseases, 2019, 68, 2053-2059.	5.8	72
14	Differential Effects of Chlorhexidine Skin Cleansing Methods on Residual Chlorhexidine Skin Concentrations and Bacterial Recovery. Infection Control and Hospital Epidemiology, 2018, 39, 405-411.	1.8	24
15	Regional Epidemiology of Methicillin-Resistant Staphylococcus aureus Among Adult Intensive Care Unit Patients Following State-Mandated Active Surveillance. Clinical Infectious Diseases, 2018, 66, 1535-1539.	5.8	10
16	Flocked nylon swabs versus RODAC plates for detection of multidrug-resistant organisms on environmental surfaces in intensive care units. Journal of Hospital Infection, 2018, 98, 105-108.	2.9	5
17	1764. The Gut: A Veiled Reservoir for Multidrug-resistant Organisms (MDROs) Below the Tip of the Iceberg. Open Forum Infectious Diseases, 2018, 5, S63-S63.	0.9	1
18	Gut Microbiota and Clinical Features Distinguish Colonization With Klebsiella pneumoniae Carbapenemase-Producing Klebsiella pneumoniae at the Time of Admission to a Long-term Acute Care Hospital. Open Forum Infectious Diseases, 2018, 5, ofy190.	0.9	10

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19	Notes from the Field:Large Cluster of Verona Integron-Encoded Metallo-Beta-Lactamaseâ€“Producing Carbapenem-ResistantPseudomonas aeruginosaIsolates Colonizing Residents at a Skilled Nursing Facility â€" Chicago, Illinois, November 2016â€“March 2018. Morbidity and Mortality Weekly Report, 2018, 67, 1130-1131.	15.1	11
20	Modifiable Risk Factors for the Spread of Klebsiella pneumoniae Carbapenemase-Producing Enterobacteriaceae Among Long-Term Acute-Care Hospital Patients. Infection Control and Hospital Epidemiology, 2017, 38, 670-677.	1.8	24
21	Integrated genomic and interfacility patient-transfer data reveal the transmission pathways of multidrug-resistant Klebsiella pneumoniae in a regional outbreak. Science Translational Medicine, 2017, 9, .	12.4	47
22	Comparison of stool versus rectal swab samples and storage conditions on bacterial community profiles. BMC Microbiology, 2017, 17, 78.	3.3	125
23	Co-circulation of Influenza AÂand B During the 2016â€“2017 Influenza Season at Rush University Medical Center. Open Forum Infectious Diseases, 2017, 4, S314-S315.	0.9	1
24	The Importance of Ventilator Skilled Nursing Facilities (vSNFs) in the Regional Epidemiology of Carbapenemase-Producing Organisms (CPOs). Open Forum Infectious Diseases, 2017, 4, S137-S138.	0.9	7
25	Longitudinal Comparison of the Microbiota During Klebsiella pneumoniae Carbapenemase-Producing Klebsiella pneumoniae (KPC-Kp) Acquisition in Long-Term Acute Care Hospital (LTACH) patients. Open Forum Infectious Diseases, 2017, 4, S48-S49.	0.9	0
26	Impact of Doffing Errors on Healthcare Worker Self-Contamination When Caring for Patients on Contact Precautions. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
27	Chlorhexidine and Mupirocin Susceptibility of Methicillin-Resistant Staphylococcus aureus Isolates in the REDUCE-MRSA Trial. Journal of Clinical Microbiology, 2016, 54, 2735-2742.	3.9	76
28	Duration of Colonization With Klebsiella pneumoniae Carbapenemase-Producing Bacteria at Long-Term Acute Care Hospitals in Chicago, Illinois. Open Forum Infectious Diseases, 2016, 3, ofw178.	0.9	35
29	Importance of Molecular Methods to Determine Whether a Probiotic is the Source of Lactobacillus Bacteremia. Probiotics and Antimicrobial Proteins, 2016, 8, 31-40.	3.9	18
30	Regional Epidemiology of Methicillin-ResistantStaphylococcus aureusAmong Critically Ill Children in a State With Mandated Active Surveillance. Journal of the Pediatric Infectious Diseases Society, 2016, 5, 409-416.	1.3	9
31	Modeling Spread of KPC-Producing Bacteria in Long-Term Acute Care Hospitals in the Chicago Region, USA. Infection Control and Hospital Epidemiology, 2015, 36, 1148-1154.	1.8	32
32	Prevention of Colonization and Infection by Klebsiella pneumoniae Carbapenemase-Producing Enterobacteriaceae in Long-term Acute-Care Hospitals. Clinical Infectious Diseases, 2015, 60, 1153-1161.	5.8	158
33	636Chlorhexidine (CHG) and mupirocin susceptibility of methicillin-resistant Staphylococcus aureus (MRSA) isolates in the REDUCE-MRSA trial. Open Forum Infectious Diseases, 2014, 1, S30-S31.	0.9	4
34	1289A randomized cross-over clinical trial to compare 3.15% chlorhexidine/70% isopropyl alcohol (CHG) vs 70% isopropyl alcohol alone (alcohol) and 5s vs 15s scrub for routine disinfection of needleless connectors (NCs) on central venous catheters (CVCs) in an adult medical intensive care unit (ICU). Open Forum Infectious Diseases, 2014, 1, S48-S49.	0.9	1
35	1394Validation of Rosco Diagnostica Diffusion Discs for Identification of Carbapenem Resistance Mechanisms in a Clinical Laboratory. Open Forum Infectious Diseases, 2014, 1, S367-S367.	0.9	0
36	Comparison of the CHROMagarâ„¢ KPC, Remel Spectraâ„¢ CRE, and a direct ertapenem disk method for the detection of KPC-producing Enterobacteriaceae from perirectal swabs. Diagnostic Microbiology and Infectious Disease, 2014, 78, 356-359.	1.8	14

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37	The Effectiveness of Routine Daily Chlorhexidine Gluconate Bathing in Reducing Klebsiella pneumoniae Carbapenemaseâ€“Producing Enterobacteriaceae Skin Burden among Long-Term Acute Care Hospital Patients. Infection Control and Hospital Epidemiology, 2014, 35, 440-442.	1.8	43
38	The Importance of Long-term Acute Care Hospitals in the Regional Epidemiology of Klebsiella pneumoniae Carbapenemaseâ€“Producing Enterobacteriaceae. Clinical Infectious Diseases, 2013, 57, 1246-1252.	5.8	190
39	Comparison of a Novel, Rapid Chromogenic Biochemical Assay, the Carba NP Test, with the Modified Hodge Test for Detection of Carbapenemase-Producing Gram-Negative Bacilli. Journal of Clinical Microbiology, 2013, 51, 3097-3101.	3.9	100
40	Anatomic Sites of Patent Colonization and Environmental Contamination with Klebsiella pneumoniae Carbapenemaseâ€”Producing Enterobacteriaceae at Long-Term Acute Care Hospitals. Infection Control and Hospital Epidemiology, 2013, 34, 56-61.	1.8	44
41	Targeted versus Universal Decolonization to Prevent ICU Infection. New England Journal of Medicine, 2013, 368, 2255-2265.	27.0	676
42	Rapid and Direct Real-Time Detection ofblaKPCandblaNDMfrom Surveillance Samples. Journal of Clinical Microbiology, 2013, 51, 3609-3615.	3.9	36
43	Transfer from High-Acuity Long-Term Care Facilities Is Associated with Carriage of Klebsiella pneumoniae Carbapenemaseâ€“Producing Enterobacteriaceae: A Multihospital Study. Infection Control and Hospital Epidemiology, 2012, 33, 1193-1199.	1.8	88
44	Emergence and Rapid Regional Spread of Klebsiella pneumoniae Carbapenemase-Producing Enterobacteriaceae. Clinical Infectious Diseases, 2011, 53, 532-540.	5.8	200
45	Community Transmission in the United States of a CTX-M-15-Producing Sequence Type ST131 Escherichia coli Strain Resulting in Death. Journal of Clinical Microbiology, 2011, 49, 3406-3408.	3.9	44
46	Direct Ertapenem Disk Screening Method for Identification of KPC-Producing Klebsiella pneumoniae and Escherichia coli in Surveillance Swab Specimens. Journal of Clinical Microbiology, 2010, 48, 836-841.	3.9	65
47	AdeABC-mediated efflux and tigecycline MICs for epidemic clones of Acinetobacter baumannii. Journal of Antimicrobial Chemotherapy, 2010, 65, 1589-1593.	3.0	129
48	Successful Control of an Outbreak ofKlebsiella pneumoniaeCarbapenemaseâ€”ProducingK. pneumoniaeat a Long-Term Acute Care Hospital. Infection Control and Hospital Epidemiology, 2010, 31, 341-347.	1.8	158
49	Successful Eradication of a Monoclonal Strain ofKlebsiella pneumoniaeduring aK. pneumoniaeCarbapenemase-ProducingK. pneumoniaeOutbreak in a Surgical Intensive Care Unit in Miami, Florida. Infection Control and Hospital Epidemiology, 2010, 31, 1074-1077.	1.8	55
50	Nosocomial acquisition of Pseudomonas aeruginosa resistant to both ciprofloxacin and imipenem: a risk factor and laboratory analysis. European Journal of Clinical Microbiology and Infectious Diseases, 2008, 27, 565-570.	2.9	11
51	Dissemination of Acinetobacter baumannii Clones with OXA-23 Carbapenemase in Colombian Hospitals. Antimicrobial Agents and Chemotherapy, 2007, 51, 2001-2004.	3.2	71
52	First Identification of Pseudomonas aeruginosa Isolates Producing a KPC-Type Carbapenem-Hydrolyzing Î²-Lactamase. Antimicrobial Agents and Chemotherapy, 2007, 51, 1553-1555.	3.2	262
53	Quinazolinone fungal efflux pump inhibitors. Part 3: (N-methyl)piperazine variants and pharmacokinetic optimization. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2802-2806.	2.2	22
54	Acquisition of a natural resistance gene renders a clinical strain of methicillin-resistantStaphylococcus aureusresistant to the synthetic antibiotic linezolid. Molecular Microbiology, 2007, 64, 1506-1514.	2.5	300

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55	First Detection of the Plasmid-Mediated Class A Carbapenemase KPC-2 in Clinical Isolates of Klebsiella pneumoniae from South America. Antimicrobial Agents and Chemotherapy, 2006, 50, 2880-2882.	3.2	213
56	Four cases of invasive methicillin-resistant Staphylococcus aureus (MRSA) infections treated with tigecycline. Scandinavian Journal of Infectious Diseases, 2006, 38, 1081-1084.	1.5	23
57	First Detection of Metallo-Î²-Lactamase VIM-2 in Pseudomonas aeruginosa Isolates from Colombia. Antimicrobial Agents and Chemotherapy, 2006, 50, 226-229.	3.2	28
58	SME-3, a Novel Member of the Serratia marcescens SME Family of Carbapenem-Hydrolyzing Î²-Lactamases. Antimicrobial Agents and Chemotherapy, 2006, 50, 3485-3487.	3.2	42
59	Multicity Outbreak of Carbapenem-Resistant Acinetobacter baumannii Isolates Producing the Carbapenemase OXA-40. Antimicrobial Agents and Chemotherapy, 2006, 50, 2941-2945.	3.2	184
60	Development of Daptomycin Resistance In Vivo in Methicillin-Resistant Staphylococcus aureus. Journal of Clinical Microbiology, 2005, 43, 5285-5287.	3.9	223
61	Emergence of Resistance to Daptomycin during Treatment of Vancomycin-Resistant Enterococcus faecalis Infection. Clinical Infectious Diseases, 2005, 41, 565-566.	5.8	138
62	Mechanisms of resistance to Î²-lactams in some common Gram-negative bacteria causing nosocomial infections. Expert Review of Anti-Infective Therapy, 2005, 3, 915-922.	4.4	29
63	CTX-M-12 Î²-Lactamase in a Klebsiella pneumoniae Clinical Isolate in Colombia. Antimicrobial Agents and Chemotherapy, 2004, 48, 629-631.	3.2	57
64	Quinazolinone-based fungal efflux pump inhibitors. Part 1: Discovery of an (N-methylpiperazine)-containing derivative with activity in clinically relevant Candida spp.. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5127-5131.	2.2	21
65	Quinazolinone fungal efflux pump inhibitors. Part 2: In vitro structureâ€“activity relationships of (N-methyl-piperazinyl)-containing derivatives. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5133-5137.	2.2	17
66	Multiple Resistance Mechanisms among Aspergillus fumigatus Mutants with High-Level Resistance to Itraconazole. Antimicrobial Agents and Chemotherapy, 2003, 47, 1719-1726.	3.2	246