Lee W Riley

List of Publications by Year
in descending order

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Version: 2024-02-01

110 papers	3,955 citations	147801 31 h-index	138484 58 g-index
120 all docs	120 docs citations	120 times ranked	5992 citing authors

#	Article	IF	Citations
1	Slum Health: Arresting COVID-19 and Improving Well-Being in Urban Informal Settlements. Journal of Urban Health, 2020, 97, 348-357.	3.6	417
2	Pandemic lineages of extraintestinal pathogenic Escherichia coli. Clinical Microbiology and Infection, 2014, 20, 380-390.	6.0	309
3	Analysis of a Uropathogenic Escherichia coli Clonal Group by Multilocus Sequence Typing. Journal of Clinical Microbiology, 2005, 43, 5860-5864.	3.9	220
4	Slum health: Diseases of neglected populations. BMC International Health and Human Rights, 2007, 7, 2.	2.5	192
5	Recombinant Mycobacterium tuberculosis protein associated with mammalian cell entry. Cellular Microbiology, 2001, 3, 247-254.	2.1	161
6	Cloning of the mspA gene encoding a porin from Mycobacterium smegmatis. Molecular Microbiology, 1999, 33, 933-945.	2.5	143
7	A parallel intraphagosomal survival strategy shared by Mycobacterium tuberculosis and Salmonella enterica. Molecular Microbiology, 2002, 35, 1375-1382.	2.5	138
8	Possible Animal Origin of Human-Associated, Multidrug-Resistant, Uropathogenic Escherichia coli. Clinical Infectious Diseases, 2005, 40, 251-257.	5.8	126
9	Clonal Composition and Community Clustering of Drug-Susceptible and -Resistant Escherichia coli Isolates from Bloodstream Infections. Antimicrobial Agents and Chemotherapy, 2013, 57, 490-497.	3.2	103
10	Mycobacterium tuberculosis strains disrupted in mce3 and mce4 operons are attenuated in mice. Journal of Medical Microbiology, 2008, 57, 164-170.	1.8	98
11	Multilocus sequence typing of Staphylococcus aureus isolates recovered from cows with mastitis in Brazilian dairy herds. Journal of Medical Microbiology, 2007, 56, 1505-1511.	1.8	94
12	Obesity in the United States â€“ Dysbiosis from Exposure to Low-Dose Antibiotics?. Frontiers in Public Health, 2013, 1, 69.	2.7	84
13	A Population-Based Surveillance Study of Shared Genotypes of Escherichia coli Isolates from Retail Meat and Suspected Cases of Urinary Tract Infections. MSphere, 2018, 3, .	2.9	75
14	Extended-Spectrum Beta-Lactamase Gene Sequences in Gram-Negative Saprophytes on Retail Organic and Nonorganic Spinach. Applied and Environmental Microbiology, 2011, 77, 1601-1607.	3.1	70
15	Bacterial microbiome of breast milk and child saliva from low-income Mexican-American women and children. Pediatric Research, 2016, 79, 846-854.	2.3	62
16	Persistent Pandemic Lineages of Uropathogenic Escherichia coli in a College Community from 1999 to 2017. Journal of Clinical Microbiology, 2018, 56, .	3.9	61
17	Severe infection in a lung transplant recipient caused by donorâ€transmitted carbapenemâ€resistant Acinetobacter baumannii. Transplant Infectious Disease, 2012, 14, 316-320.	1.7	53
18	A novel plasmid-encoded mcr-4.3 gene in a colistin-resistant Acinetobacter baumannii clinical strain. Journal of Antimicrobial Chemotherapy, 2020, 75, 60-64.	3.0	53

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19	Temporal Changes in the Prevalence of Community-Acquired Antimicrobial-Resistant Urinary Tract Infection Affected by Escherichia coli Clonal Group Composition. Clinical Infectious Diseases, 2008, 46, 689-695.	5.8	51
20	Effect of the Bolsa Familia Programme on the outcome of tuberculosis treatment: a prospective cohort study. The Lancet Global Health, 2019, 7, e219-e226.	6.3	51
21	Mycobacterium kansasii: antibiotic susceptibility and PCR-restriction analysis of clinical isolates. Journal of Medical Microbiology, 2005, 54, 975-979.	1.8	48
22	Escherichia colifrom Commercial Broiler and Backyard Chickens Share Sequence Types, Antimicrobial Resistance Profiles, and Resistance Genes with Human Extraintestinal PathogenicEscherichia coli. Foodborne Pathogens and Disease, 2019, 16, 813-822.	1.8	45
23	Nanophotonic Cell Lysis and Polymerase Chain Reaction with Gravity-Driven Cell Enrichment for Rapid Detection of Pathogens. ACS Nano, 2019, 13, 13866-13874.	14.6	44
24	Distinguishing Pathovars from Nonpathovars: Escherichia coli. Microbiology Spectrum, 2020, 8, .	3.0	44
25	A real-time PCR signature to discriminate between tuberculosis and other pulmonary diseases. Tuberculosis, 2015, 95, 421-425.	1.9	43
26	Extraintestinal Foodborne Pathogens. Annual Review of Food Science and Technology, 2020, 11, 275-294.	9.9	40
27	Rapid Induction of High-Level Carbapenem Resistance in Heteroresistant KPC-Producing Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2015, 59, 3281-3289.	3.2	37
28	Pneumococcal carriage among children after four years of routine 10-valent pneumococcal conjugate vaccine use in Brazil: The emergence of multidrug resistant serotype 6C. Vaccine, 2017, 35, 2794-2800.	3.8	37
29	Genomic Analysis of Factors Associated with Low Prevalence of Antibiotic Resistance in Extraintestinal Pathogenic Escherichia coli Sequence Type 95 Strains. MSphere, 2017, 2, .	2.9	37
30	Cell-Penetrating Peptides for Antiviral Drug Development. Pharmaceuticals, 2010, 3, 448-470.	3.8	36
31	Emergency Department Urinary Tract Infections Caused by Extended-Spectrum Î²-Lactamaseâ€“Producing Enterobacteriaceae: ManyÂPatients Have No Identifiable Risk Factor and Discordant Empiric Therapy Is Common. Annals of Emergency Medicine, 2018, 72, 449-456.	0.6	35
32	Clinical and epidemiological characteristics associated with unfavorable tuberculosis treatment outcomes in TB-HIV co-infected patients in Brazil: a hierarchical polytomous analysis. Brazilian Journal of Infectious Diseases, 2017, 21, 162-170.	0.6	34
33	Clonally Related Penicillin-Nonsusceptible Streptococcus pneumoniae Serotype 14 from Cases of Meningitis in Salvador, Brazil. Clinical Infectious Diseases, 2000, 30, 78-86.	5.8	33
34	Association of Class 1 and 2 Integrons with Multidrug-Resistant Acinetobacter baumannii International Clones and Acinetobacter nosocomialis Isolates. Antimicrobial Agents and Chemotherapy, 2015, 59, 698-701.	3.2	31
35	Genotypic and Spatial Analysis ofMycobacterium tuberculosisTransmission in a High-Incidence Urban Setting. Clinical Infectious Diseases, 2015, 61, 758-766.	5.8	30
36	Advances in Molecular Epidemiology of Infectious Diseases: Definitions, Approaches, and Scope of the Field. Microbiology Spectrum, 2018, 6, .	3.0	30

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37	Of mice, men, and elephants: Mycobacterium tuberculosis cell envelope lipids and pathogenesis. Journal of Clinical Investigation, 2006, 116, 1475-1478.	8.2	30
38	Zoonotic and Vector-Borne Diseases in Urban Slums: Opportunities for Intervention. Trends in Parasitology, 2017, 33, 660-662.	3.3	29
39	Identification of culturable vaginal Lactobacillus species among reproductive age women in Mysore, India. Journal of Medical Microbiology, 2015, 64, 636-641.	1.8	28
40	Infections Caused by Antimicrobial Drug-Resistant Saprophytic Gram-Negative Bacteria in the Environment. Frontiers in Medicine, 2017, 4, 183.	2.6	27
41	Comparative metabolic profiling ofmce1operon mutant vs wild-typeMycobacterium tuberculosisstrains. Pathogens and Disease, 2015, 73, ftv066.	2.0	26
42	Risk factors for fecal carriage of drug-resistant Escherichia coli: a systematic review and meta-analysis. Antimicrobial Resistance and Infection Control, 2020, 9, 31.	4.1	26
43	Understanding the barriers to successful adoption and use of a mobile health information system in a community health center in SÃ£o Paulo, Brazil: a cohort study. BMC Medical Informatics and Decision Making, 2016, 16, 146.	3.0	25
44	Comparison of culture-dependent and culture-independent molecular methods for characterization of vaginal microflora. Journal of Medical Microbiology, 2017, 66, 149-153.	1.8	23
45	Identification of novel antimicrobial resistance genes from microbiota on retail spinach. BMC Microbiology, 2013, 13, 272.	3.3	22
46	Characterization of culturable vaginal Lactobacillus species among women with and without bacterial vaginosis from the United States and India: a cross-sectional study. Journal of Medical Microbiology, 2014, 63, 931-935.	1.8	22
47	Zika: A scourge in urban slums. PLoS Neglected Tropical Diseases, 2017, 11, e0005287.	3.0	22
48	Population structure of Streptococcus pneumoniae colonizing children before and after universal use of pneumococcal conjugate vaccines in Brazil: emergence and expansion of the MDR serotype 6C-CC386 lineage. Journal of Antimicrobial Chemotherapy, 2018, 73, 1206-1212.	3.0	22
49	Treatment Outcomes in Tuberculosis Patients with Diabetes: A Polytomous Analysis Using Brazilian Surveillance System. PLoS ONE, 2014, 9, e100082.	2.5	22
50	Complete Genome Sequences of Four Escherichia coli ST95 Isolates from Bloodstream Infections. Genome Announcements, 2015, 3, .	0.8	18
51	Multilocus sequence typing of Escherichia coli isolates from urinary tract infection patients and from fecal samples of healthy subjects in a college community. MicrobiologyOpen, 2020, 9, 1225-1233.	3.0	18
52	Vaccine efficacy of an attenuated but persistent Mycobacterium tuberculosis cysH mutant. Journal of Medical Microbiology, 2007, 56, 454-458.	1.8	17
53	Both Bâ€1a and Bâ€1b cells exposed to Mycobacterium tuberculosis lipids differentiate into IgM antibodyâ€secreting cells. Immunology, 2018, 154, 613-623.	4.4	17
54	Prevalence and risk factors for latent tuberculosis infection among primary health care workers in Brazil. Cadernos De Saude Publica, 2017, 33, e00154916.	1.0	14

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55	The association between community-associated Staphylococcus aureus colonization and disease: a meta-analysis. BMC Infectious Diseases, 2018, 18, 86.	2.9	14
56	Immunoglobulin G response to mammalian cell entry 1A (Mce1A) protein as biomarker of active tuberculosis. Tuberculosis, 2016, 100, 82-88.	1.9	13
57	Risk factors for differential outcome following directly observed treatment (DOT) of slum and non-slum tuberculosis patients: a retrospective cohort study. BMC Infectious Diseases, 2016, 16, 494.	2.9	13
58	Escherichia coli sequence type 73 as a cause of community acquired urinary tract infection in men and women in Rio de Janeiro, Brazil. Diagnostic Microbiology and Infectious Disease, 2017, 88, 69-74.	1.8	13
59	Extraintestinal Pathogenic Escherichia coli and Antimicrobial Drug Resistance in a Maharashtrian Drinking Water System. American Journal of Tropical Medicine and Hygiene, 2019, 100, 1101-1104.	1.4	13
60	Subcellular Partitioning and Intramacrophage Selectivity of Antimicrobial Compounds against Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	12
61	An Enzymeâ€Mediated Amplification Strategy Enables Detection of Î²â€Lactamase Activity Directly in Unprocessed Clinical Samples for Phenotypic Detection of Î²â€Lactam Resistance. ChemBioChem, 2018, 19, 2173-2177.	2.6	12
62	Pyomelanin production: a rare phenotype in Acinetobacter baumannii. Journal of Medical Microbiology, 2014, 63, 152-154.	1.8	11
63	Genotypic analysis of uropathogenic Escherichia coli to understand factors that impact the prevalence of Î²-lactam-resistant urinary tract infections in a community. Journal of Global Antimicrobial Resistance, 2019, 19, 173-180.	2.2	11
64	Prevalence of Antimicrobial Resistance Genes and Integrons in Commensal Gram-Negative Bacteria in a College Community. Microbial Drug Resistance, 2020, 26, 1227-1235.	2.0	11
65	A rapid, antibiotic susceptibility test for multidrug-resistant, Gram-negative bacterial uropathogens using the biochemical assay, DETECT. Journal of Microbiological Methods, 2021, 182, 106160.	1.6	11
66	Structural insights into the substrate-binding proteins Mce1A and Mce4A from Mycobacterium tuberculosis. IUCrJ, 2021, 8, 757-774.	2.2	11
67	A new trilocus sequence-based multiplex-PCR to detect major Acinetobacter baumannii clones. Infection, Genetics and Evolution, 2016, 42, 41-45.	2.3	10
68	Risk Factors Associated with Community-Acquired Urinary Tract Infections Caused by Extended-Spectrum Î²-Lactamase-Producing Escherichia coli: a Systematic Review. Current Epidemiology Reports, 2019, 6, 300-309.	2.4	10
69	Differentiating Epidemic from Endemic or Sporadic Infectious Disease Occurrence. Microbiology Spectrum, 2019, 7, .	3.0	10
70	Whole blood mRNA expression-based targets to discriminate active tuberculosis from latent infection and other pulmonary diseases. Scientific Reports, 2020, 10, 22072.	3.3	10
71	ELISA-based assay of immunoglobulin G antibodies against mammalian cell entry 1A (Mce1A) protein: a novel diagnostic approach for leprosy. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 844-849.	1.6	9
72	Nitro sulfonyl fluorides are a new pharmacophore for the development of antibiotics. Molecular Systems Design and Engineering, 2018, 3, 599-603.	3.4	9

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73	Prevalence of Î²-Lactam Drug-Resistance Genes in Escherichia coli Contaminating Ready-to-Eat Lettuce. Foodborne Pathogens and Disease, 2020, 17, 739-742.	1.8	9
74	Distribution of superantigens in group A streptococcal isolates from Salvador, Brazil. BMC Infectious Diseases, 2014, 14, 294.	2.9	8
75	Risk factors associated with cluster size of Mycobacterium tuberculosis (Mtb) of different RFLP lineages in Brazil. BMC Infectious Diseases, 2018, 18, 71.	2.9	8
76	Viral hepatitis C pandemic: Challenges and threats to its elimination. Journal of Viral Hepatitis, 2021, 28, 694-698.	2.0	8
77	Monoclonal antibody-mediated detection of CTX-M Î²-lactamases in Gram-negative bacteria. Journal of Microbiological Methods, 2018, 144, 37-43.	1.6	7
78	Laboratory Methods in Molecular Epidemiology: Bacterial Infections. Microbiology Spectrum, 2018, 6, .	3.0	7
79	A multiplexed, indirect enzyme-linked immunoassay for the detection and differentiation of E. coli from other Enterobacteriaceae and P. aeruginosa from other glucose non-fermenters. Journal of Microbiological Methods, 2019, 158, 52-58.	1.6	7
80	Molecular Epidemiological Characterization of Uropathogenic Escherichia coli from an Outpatient Urology Clinic in Rural Japan. Journal of Clinical Microbiology, 2015, 53, 681-683.	3.9	6
81	Serum anti-Mce1A immunoglobulin detection as a tool for differential diagnosis of tuberculosis and latent tuberculosis infection in children and adolescents. Tuberculosis, 2020, 120, 101893.	1.9	6
82	A Dual Enzyme-Based Biochemical Test Rapidly Detects Third-Generation Cephalosporin-Resistant CTX-M-Producing Uropathogens in Clinical Urine Samples. Microbial Drug Resistance, 2021, 27, 450-461.	2.0	6
83	Community-wide transmission of a strain of Mycobacterium tuberculosis that causes reduced lung pathology in mice. Journal of Medical Microbiology, 2008, 57, 21-27.	1.8	5
84	Stress-Adaptive Responses Associated with High-Level Carbapenem Resistance in KPC-ProducingKlebsiella pneumoniae. Journal of Pathogens, 2018, 2018, 1-11.	1.4	5
85	Direct effect of the 13-valent pneumococcal conjugate vaccine use on pneumococcal colonization among children in Brazil. Vaccine, 2019, 37, 5265-5269.	3.8	5
86	Antimicrobial Drug-Resistant Gram-Negative Saprophytic Bacteria Isolated from Ambient, Near-Shore Sediments of an Urbanized Estuary: Absence of Î²-Lactamase Drug-Resistance Genes. Antibiotics, 2020, 9, 400.	3.7	5
87	Serological biomarkers for monitoring response to treatment of pulmonary and extrapulmonary tuberculosis in children and adolescents. Tuberculosis, 2020, 123, 101960.	1.9	5
88	Genotypic distribution of Staphylococcus aureus colonizing children and adolescents in daycare centers, an outpatient clinic, and hospitals in a major Brazilian urban setting. Diagnostic Microbiology and Infectious Disease, 2020, 97, 115058.	1.8	5
89	Genotyping Oral Commensal Bacteria to Predict Social Contact and Structure. PLoS ONE, 2016, 11, e0160201.	2.5	4
90	Differential Host Pro-Inflammatory Response to Mycobacterial Cell Wall Lipids Regulated by the Mce1 Operon. Frontiers in Immunology, 2020, 11, 1848.	4.8	4

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91	Risk factors for faecal carriage of multidrug-resistant Escherichia coli in a college community: a penalised regression model. Journal of Global Antimicrobial Resistance, 2021, 26, 166-173.	2.2	4
92	Draft Genome Sequence of a Community-Associated Methicillin-Resistant Panton-Valentine Leukocidin-Positive Staphylococcus aureus Sequence Type 30 Isolate from a Pediatric Patient with a Lung Infection in Brazil. Genome Announcements, 2015, 3, .	0.8	3
93	Principles and Approaches. , 2014, , 1-28.		2
94	Laboratory Methods Used for Strain Typing of Pathogens: Conventional and Molecular Techniques. , 2014, , 29-62.		2
95	Hospital Infections: Staphylococcus aureus. , 0, , 249-280.		2
96	Flow-cytometric analysis of human monocyte subsets targeted byMycobacterium bovisBCG before granuloma formation. Pathogens and Disease, 2018, 76, .	2.0	1
97	Laboratory Methods Used for Strain Typing of Pathogens: PCR-Based Strain-Typing Methods. , 0, , 63-89.		1
98	Analysis of Similarity and Relatedness in Molecular Epidemiology. , 0, , 91-124.		1
99	Key Role of Multidisciplinary Collaboration towards Global Elimination of HCV Infection. International Journal of Environmental Research and Public Health, 2022, 19, 4158.	2.6	1
100	RegulaÃ§Ã£o da composiÃ§Ã£o lipÃdica da parede celular do Mycobacterium tuberculosis e o seu efeito na persistÃªncia bacteriana in vitro. Revista Portuguesa De Pneumologia, 2010, 16, S37-S42.	0.7	0
101	Retail Meat as a Potential Transmission Source of Community-Acquired Urinary Tract Infection. Open Forum Infectious Diseases, 2017, 4, S25-S26.	0.9	0
102	Draft Genome Sequence of an Escherichia coli Sequence Type 420 Isolate from a Patient with Urinary Tract Infection in Northern California. Microbiology Resource Announcements, 2020, 9, .	0.6	0
103	mce1 operon disruption is associated with changes in the lipid profile of M. tuberculosis. FASEB Journal, 2006, 20, A83.	0.5	0
104	Distinguishing Pathovars from Nonpathovars: Escherichia coli. , 0, , 175-207.		0
105	Hospital Infections: Gram-Negative Bacteria. , 0, , 281-305.		0
106	Distinguishing Pathovars from Nonpathovars: Helicobacter pylori. , 0, , 229-248.		0
107	Identifying a Pathogen's Biological Determinants of Disease Transmission. , 0, , 307-321.		0
108	Distinguishing Pathovars from Nonpathovars: Streptococcus pneumoniae. , 0, , 209-227.		0

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109	Stratification and Refinement of Data in Epidemiologic Investigations. , 0, , 149-173.		0
110	A self-immolative linker that releases thiols detects penicillin amidase and nitroreductase with high sensitivity via absorption spectroscopy. Chemical Communications, 2022, , .	4.1	0