Lee W Riley

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	A self-immolative linker that releases thiols detects penicillin amidase and nitroreductase with high sensitivity via absorption spectroscopy. Chemical Communications, 2022, , .	4.1	0
2	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
3	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
4	Viral hepatitis C pandemic: Challenges and threats to its elimination. Journal of Viral Hepatitis, 2021, 28, 694-698.	2.0	8
5	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
6	Structural insights into the substrate-binding proteins Mce1A and Mce4A from *Mycobacterium tuberculosis*. IUCrJ, 2021, 8, 757-774.	2.2	11
7	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
8	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
9	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
10	Antimicrobial Drug-Resistant Gram-Negative Saprophytic Bacteria Isolated from Ambient, Near-Shore Sediments of an Urbanized Estuary: Absence of β-Lactamase Drug-Resistance Genes. Antibiotics, 2020, 9, 400.	3.7	5
11	Prevalence of β-Lactam Drug-Resistance Genes in *Escherichia coli* Contaminating Ready-to-Eat Lettuce. Foodborne Pathogens and Disease, 2020, 17, 739-742.	1.8	9
12	Differential Host Pro-Inflammatory Response to Mycobacterial Cell Wall Lipids Regulated by the Mce1 Operon. Frontiers in Immunology, 2020, 11, 1848.	4.8	4
13	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
14	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
15	Serological biomarkers for monitoring response to treatment of pulmonary and extrapulmonary tuberculosis in children and adolescents. Tuberculosis, 2020, 123, 101960.	1.9	5
16	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
17	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
18	Extraintestinal Foodborne Pathogens. Annual Review of Food Science and Technology, 2020, 11, 275-294.	9.9	40

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19	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
20	Slum Health: Arresting COVID-19 and Improving Well-Being in Urban Informal Settlements. Journal of Urban Health, 2020, 97, 348-357.	3.6	417
21	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
22	Distinguishing Pathovars from Nonpathovars: Escherichia coli. Microbiology Spectrum, 2020, 8, .	3.0	44
23	<i>Escherichia coli</i>from Commercial Broiler and Backyard Chickens Share Sequence Types, Antimicrobial Resistance Profiles, and Resistance Genes with Human Extraintestinal Pathogenic<i>Escherichia coli</i>. Foodborne Pathogens and Disease, 2019, 16, 813-822.	1.8	45
24	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
25	Differentiating Epidemic from Endemic or Sporadic Infectious Disease Occurrence. Microbiology Spectrum, 2019, 7, .	3.0	10
26	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
27	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
28	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
29	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
30	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
31	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
32	Both Bâ€1a and Bâ€1b cells exposed to <i>Mycobacterium tuberculosis</i> lipids differentiate into IgM antibodyâ€secreting cells. Immunology, 2018, 154, 613-623.	4.4	17
33	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
34	Persistent Pandemic Lineages of Uropathogenic Escherichia coli in a College Community from 1999 to 2017. Journal of Clinical Microbiology, 2018, 56, .	3.9	61
35	Monoclonal antibody-mediated detection of CTX-M Î²-lactamases in Gram-negative bacteria. Journal of Microbiological Methods, 2018, 144, 37-43.	1.6	7
36	Flow-cytometric analysis of human monocyte subsets targeted byMycobacterium bovisBCG before granuloma formation. Pathogens and Disease, 2018, 76, .	2.0	1

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37	Advances in Molecular Epidemiology of Infectious Diseases: Definitions, Approaches, and Scope of the Field. Microbiology Spectrum, 2018, 6, .	3.0	30
38	Laboratory Methods in Molecular Epidemiology: Bacterial Infections. Microbiology Spectrum, 2018, 6, .	3.0	7
39	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
40	Stress-Adaptive Responses Associated with High-Level Carbapenem Resistance in KPC-ProducingKlebsiella pneumoniae. Journal of Pathogens, 2018, 2018, 1-11.	1.4	5
41	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
42	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
43	The association between community-associated Staphylococcus aureus colonization and disease: a meta-analysis. BMC Infectious Diseases, 2018, 18, 86.	2.9	14
44	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
45	Nitro sulfonyl fluorides are a new pharmacophore for the development of antibiotics. Molecular Systems Design and Engineering, 2018, 3, 599-603.	3.4	9
46	Subcellular Partitioning and Intramacrophage Selectivity of Antimicrobial Compounds against Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	12
47	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
48	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
49	Zoonotic and Vector-Borne Diseases in Urban Slums: Opportunities for Intervention. Trends in Parasitology, 2017, 33, 660-662.	3.3	29
50	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
51	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
52	Retail Meat as a Potential Transmission Source of Community-Acquired Urinary Tract Infection. Open Forum Infectious Diseases, 2017, 4, S25-S26.	0.9	0
53	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
54	Infections Caused by Antimicrobial Drug-Resistant Saprophytic Gram-Negative Bacteria in the Environment. Frontiers in Medicine, 2017, 4, 183.	2.6	27

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55	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
56	Zika: A scourge in urban slums. PLoS Neglected Tropical Diseases, 2017, 11, e0005287.	3.0	22
57	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
58	Genotyping Oral Commensal Bacteria to Predict Social Contact and Structure. PLoS ONE, 2016, 11, e0160201.	2.5	4
59	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
60	A new trilocus sequence-based multiplex-PCR to detect major Acinetobacter baumannii clones. Infection, Genetics and Evolution, 2016, 42, 41-45.	2.3	10
61	Immunoglobulin G response to mammalian cell entry 1A (Mce1A) protein as biomarker of active tuberculosis. Tuberculosis, 2016, 100, 82-88.	1.9	13
62	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
63	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
64	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
65	Complete Genome Sequences of Four Escherichia coli ST95 Isolates from Bloodstream Infections. Genome Announcements, 2015, 3, .	0.8	18
66	A real-time PCR signature to discriminate between tuberculosis and other pulmonary diseases. Tuberculosis, 2015, 95, 421-425.	1.9	43
67	Identification of culturable vaginal Lactobacillus species among reproductive age women in Mysore, India. Journal of Medical Microbiology, 2015, 64, 636-641.	1.8	28
68	Rapid Induction of High-Level Carbapenem Resistance in Heteroresistant KPC-Producing Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2015, 59, 3281-3289.	3.2	37
69	Genotypic and Spatial Analysis of *Mycobacterium tuberculosis* Transmission in a High-Incidence Urban Setting. Clinical Infectious Diseases, 2015, 61, 758-766.	5.8	30
70	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
71	Comparative metabolic profiling of *mce1* operon mutant vs wild-type *Mycobacterium tuberculosis* strains. Pathogens and Disease, 2015, 73, ftv066.	2.0	26
72	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

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73	Principles and Approaches. , 2014, , 1-28.		2
74	Laboratory Methods Used for Strain Typing of Pathogens: Conventional and Molecular Techniques. , 2014, , 29-62.		2
75	Pandemic lineages of extraintestinal pathogenic Escherichia coli. Clinical Microbiology and Infection, 2014, 20, 380-390.	6.0	309
76	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
77	Pyomelanin production: a rare phenotype in Acinetobacter baumannii. Journal of Medical Microbiology, 2014, 63, 152-154.	1.8	11
78	Distribution of superantigens in group A streptococcal isolates from Salvador, Brazil. BMC Infectious Diseases, 2014, 14, 294.	2.9	8
79	Treatment Outcomes in Tuberculosis Patients with Diabetes: A Polytomous Analysis Using Brazilian Surveillance System. PLoS ONE, 2014, 9, e100082.	2.5	22
80	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
81	Identification of novel antimicrobial resistance genes from microbiota on retail spinach. BMC Microbiology, 2013, 13, 272.	3.3	22
82	Obesity in the United States â€" Dysbiosis from Exposure to Low-Dose Antibiotics?. Frontiers in Public Health, 2013, 1, 69.	2.7	84
83	Severe infection in a lung transplant recipient caused by donorâ€transmitted carbapenemâ€resistant <i>Acinetobacter baumannii</i>. Transplant Infectious Disease, 2012, 14, 316-320.	1.7	53
84	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
85	Cell-Penetrating Peptides for Antiviral Drug Development. Pharmaceuticals, 2010, 3, 448-470.	3.8	36
86	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
87	Mycobacterium tuberculosis strains disrupted in mce3 and mce4 operons are attenuated in mice. Journal of Medical Microbiology, 2008, 57, 164-170.	1.8	98
88	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
89	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
90	Vaccine efficacy of an attenuated but persistent Mycobacterium tuberculosis cysH mutant. Journal of Medical Microbiology, 2007, 56, 454-458.	1.8	17

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91	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
92	Slum health: Diseases of neglected populations. BMC International Health and Human Rights, 2007, 7, 2.	2.5	192
93	Of mice, men, and elephants: Mycobacterium tuberculosis cell envelope lipids and pathogenesis. Journal of Clinical Investigation, 2006, 116, 1475-1478.	8.2	30
94	*mce1* operon disruption is associated with changes in the lipid profile of *M. tuberculosis*. FASEB Journal, 2006, 20, A83.	0.5	0
95	Mycobacterium kansasii: antibiotic susceptibility and PCR-restriction analysis of clinical isolates. Journal of Medical Microbiology, 2005, 54, 975-979.	1.8	48
96	Possible Animal Origin of Human-Associated, Multidrug-Resistant, Uropathogenic Escherichia coli. Clinical Infectious Diseases, 2005, 40, 251-257.	5.8	126
97	Analysis of a Uropathogenic *Escherichia coli* Clonal Group by Multilocus Sequence Typing. Journal of Clinical Microbiology, 2005, 43, 5860-5864.	3.9	220
98	A parallel intraphagosomal survival strategy shared by Mycobacterium tuberculosis and Salmonella enterica. Molecular Microbiology, 2002, 35, 1375-1382.	2.5	138
99	Recombinant Mycobacterium tuberculosis protein associated with mammalian cell entry. Cellular Microbiology, 2001, 3, 247-254.	2.1	161
100	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
101	Cloning of the mspA gene encoding a porin from Mycobacterium smegmatis. Molecular Microbiology, 1999, 33, 933-945.	2.5	143
102	Hospital Infections: *Staphylococcus aureus*. , 0, , 249-280.		2
103	Laboratory Methods Used for Strain Typing of Pathogens: PCR-Based Strain-Typing Methods. , 0, , 63-89.		1
104	Analysis of Similarity and Relatedness in Molecular Epidemiology. , 0, , 91-124.		1
105	Distinguishing Pathovars from Nonpathovars: Escherichia coli. , 0, , 175-207.		0
106	Hospital Infections: Gram-Negative Bacteria. , 0, , 281-305.		0
107	Distinguishing Pathovars from Nonpathovars: Helicobacter pylori. , 0, , 229-248.		0
108	Identifying a Pathogen's Biological Determinants of Disease Transmission. , 0, , 307-321.		0

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109	Distinguishing Pathovars from Nonpathovars: Streptococcus pneumoniae. , 0, , 209-227.		0
110	Stratification and Refinement of Data in Epidemiologic Investigations. , 0, , 149-173.		0