

Kirsty Sands

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

914
citations

623734

14
h-index

526287

27
g-index

48
all docs

48
docs citations

48
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Insights Into the Mechanism of Carbapenem Resistance Dissemination in Enterobacterales From a Tertiary Public Health Setting in South Asia. <i>Clinical Infectious Diseases</i> , 2023, 76, 119-133.	5.8	6
2	Comparing Long-Read Assemblers to Explore the Potential of a Sustainable Low-Cost, Low-Infrastructure Approach to Sequence Antimicrobial Resistant Bacteria With Oxford Nanopore Sequencing. <i>Frontiers in Microbiology</i> , 2022, 13, 796465.	3.5	13
3	Environmental surveillance of ESBL and carbapenemase-producing gram-negative bacteria in a Ghanaian Tertiary Hospital. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, 49.	4.1	10
4	Early-Onset Neonatal Sepsis in Low- and Middle-Income Countries: Current Challenges and Future Opportunities. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 933-946.	2.7	20
5	Silent circulation of BKC-1-producing <i>Klebsiella pneumoniae</i> ST442: molecular and clinical characterization of an early and unreported outbreak. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106568.	2.5	1
6	A 12 year experience of colistin resistance in <i>Klebsiella pneumoniae</i> causing neonatal sepsis: two-component systems, efflux pumps, lipopolysaccharide modification and comparative phylogenomics. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1586-1591.	3.0	9
7	Effective phage cocktail to combat the rising incidence of extensively drug-resistant <i>Klebsiella pneumoniae</i> sequence type 16. <i>Emerging Microbes and Infections</i> , 2022, 11, 1015-1023.	6.5	9
8	Neonatal sepsis and mortality in low-income and middle-income countries from a facility-based birth cohort: an international multisite prospective observational study. <i>The Lancet Global Health</i> , 2022, 10, e661-e672.	6.3	54
9	A One-Health Sampling Strategy to Explore the Dissemination and Relationship Between Colistin Resistance in Human, Animal, and Environmental Sectors in Laos. <i>Engineering</i> , 2022, 15, 45-56.	6.7	8
10	Diversity of lytic bacteriophages against XDR <i>Klebsiella pneumoniae</i> sequence type 16 recovered from sewage samples in different parts of the world. <i>Science of the Total Environment</i> , 2022, 839, 156074.	8.0	6
11	Characterisation of Staphylococci species from neonatal blood cultures in low- and middle-income countries. <i>BMC Infectious Diseases</i> , 2022, 22, .	2.9	9
12	OXA-181-Like Carbapenemases in <i>Klebsiella pneumoniae</i> ST14, ST15, ST23, ST48, and ST231 from Septicemic Neonates: Coexistence with NDM-5, Resistome, Transmissibility, and Genome Diversity. <i>MSphere</i> , 2021, 6, .	2.9	33
13	Characterization of antimicrobial-resistant Gram-negative bacteria that cause neonatal sepsis in seven low- and middle-income countries. <i>Nature Microbiology</i> , 2021, 6, 512-523.	13.3	146
14	Tetracycline Resistance Mediated by <i>tet</i> (M) Has Variable Integrative Conjugative Element Composition in <i>Mycoplasma hominis</i> Strains Isolated in the United Kingdom from 2005 to 2015. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	13
15	Emergence of <i>mcr-3</i> -mediated IncP and IncFII plasmids in Thailand. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 446-447.	2.2	3
16	Vertical and horizontal dissemination of an IncC plasmid harbouring <i>rmtB</i> 16S rRNA methylase gene, conferring resistance to plazomicin, among invasive ST258 and ST16 KPC-producing <i>Klebsiella pneumoniae</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 183-189.	2.2	14
17	Effects of antibiotic resistance, drug target attainment, bacterial pathogenicity and virulence, and antibiotic access and affordability on outcomes in neonatal sepsis: an international microbiology and drug evaluation prospective substudy (BARNARDS). <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1677-1688.	9.1	50
18	A new mutation in <i>mgrB</i> mediating polymyxin resistance in <i>Klebsiella variicola</i> . <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106424.	2.5	5

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19	Prevalence and risk factors for antimicrobial resistance among newborns with gram-negative sepsis. PLoS ONE, 2021, 16, e0255410.	2.5	20
20	A role for arthropods as vectors of multidrug-resistant Enterobacterales in surgical site infections from South Asia. Nature Microbiology, 2021, 6, 1259-1270.	13.3	16
21	Evaluation of the MYCOPLASMA IST3 urogenital mycoplasma assay in an international multicentre trial. Journal of Antimicrobial Chemotherapy, 2021, 76, 3175-3182.	3.0	5
22	Emergence of plasmid-mediated tigecycline resistance tet(X4) gene in Escherichia coli isolated from poultry, food and the environment in South Asia. Science of the Total Environment, 2021, 787, 147613.	8.0	40
23	<i>Legionella</i> antimicrobial sensitivity testing: comparison of microbroth dilution with BCYE and LASARUS solid media. Journal of Antimicrobial Chemotherapy, 2021, 76, 1197-1204.	3.0	7
24	Defining Fluoroquinolone Resistance-Mediating Mutations from Non-Resistance Polymorphisms in Mycoplasma hominis Topoisomerases. Antibiotics, 2021, 10, 1379.	3.7	1
25	Determination of In Vitro Antimicrobial Susceptibility for Lefamulin (Pleuromutilin) for Ureaplasma Spp. and Mycoplasma hominis. Antibiotics, 2021, 10, 1370.	3.7	1
26	An Emerging Clone, Klebsiella pneumoniae Carbapenemase -Producing K. pneumoniae Sequence Type 16, Associated With High Mortality Rates in a CC258-Endemic Setting. Clinical Infectious Diseases, 2020, 71, e141-e150.	5.8	46
27	Mucoadhesive thin films for the simultaneous delivery of microbicide and anti-inflammatory drugs in the treatment of periodontal diseases. International Journal of Pharmaceutics, 2020, 573, 118860.	5.2	21
28	Clinical and Molecular Description of a High-Copy IncQ1 KPC-2 Plasmid Harbored by the International ST15 Klebsiella pneumoniae Clone. MSphere, 2020, 5, .	2.9	19
29	MYCO WELL D-ONE detection of Ureaplasma spp. and Mycoplasma hominis in sexual health patients in Wales. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 2427-2440.	2.9	16
30	Detection of BKC-1 in Citrobacter freundii: A clue to mobilisation in an IncQ1 plasmid carrying blaBKC-1. International Journal of Antimicrobial Agents, 2020, 56, 106042.	2.5	9
31	KPC-2-producing Klebsiella pneumoniae ST147 in a neonatal unit: Clonal isolates with differences in colistin susceptibility attributed to AcrAB-TolC pump. International Journal of Antimicrobial Agents, 2020, 55, 105903.	2.5	36
32	Emergence of Mobile Colistin Resistance (<i>mcr-8</i>) in a Highly Successful Klebsiella pneumoniae Sequence Type 15 Clone from Clinical Infections in Bangladesh. MSphere, 2020, 5, .	2.9	27
33	A Klebsiella pneumoniae strain co-harboring mcr-1 and mcr-3 from a human in Thailand. Journal of Antimicrobial Chemotherapy, 2020, 75, 2372-2374.	3.0	14
34	Molecular and epidemiological analysis of a Burkholderia cepacia sepsis outbreak from a tertiary care hospital in Bangladesh. PLoS Neglected Tropical Diseases, 2020, 14, e0008200.	3.0	0
35	Title is missing!. , 2020, 14, e0008200.		0
36	Title is missing!. , 2020, 14, e0008200.		0

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37	Title is missing!. , 2020, 14, e0008200.		0
38	Title is missing!. , 2020, 14, e0008200.		0
39	Title is missing!. , 2020, 14, e0008200.		0
40	Title is missing!. , 2020, 14, e0008200.		0
41	Title is missing!. , 2020, 14, e0008200.		0
42	Rapid detection of IMP, NDM, VIM, KPC and OXA-48-like carbapenemases from Enterobacteriales and Gram-negative non-fermenter bacteria by real-time PCR and melt-curve analysis. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 2029-2036.	2.9	8
43	Outbreak of Hypervirulent Multidrug-resistant <i>Klebsiella variicola</i> Causing High Mortality in Neonates in Bangladesh. Clinical Infectious Diseases, 2019, 68, 1225-1227.	5.8	26
44	Environmental dissemination of mcr-1 positive Enterobacteriaceae by Chrysomya spp. (common) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	10.0	29
45	Emergence of mcr-1 mediated colistin resistant Escherichia coli from a hospitalized patient in Bangladesh. Journal of Infection in Developing Countries, 2019, 13, 773-776.	1.2	7
46	Balancing mcr-1 expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. Nature Communications, 2017, 8, 2054.	12.8	157
47	The Dynamics of Polymicrobial Biofilms. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1266-1266.	5.6	0