

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	Balancing <i>mcr-1</i> expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. <i>Nature Communications</i> , 2017, 8, 2054.	12.8	157
2	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
3	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
4	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
5	An Emerging Clone, <i>Klebsiella pneumoniae</i> Carbapenemase Producing <i>K. pneumoniae</i> Sequence Type 16, Associated With High Mortality Rates in a CC258-Endemic Setting. <i>Clinical Infectious Diseases</i> , 2020, 71, e141-e150.	5.8	46
6	Emergence of plasmid-mediated tigecycline resistance <i>tet(X4)</i> gene in <i>Escherichia coli</i> isolated from poultry, food and the environment in South Asia. <i>Science of the Total Environment</i> , 2021, 787, 147613.	8.0	40
7	KPC-2-producing <i>Klebsiella pneumoniae</i> ST147 in a neonatal unit: Clonal isolates with differences in colistin susceptibility attributed to <i>AcrAB-TolC</i> pump. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105903.	2.5	36
8	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
9	Environmental dissemination of <i>mcr-1</i> positive Enterobacteriaceae by <i>Chrysomya</i> spp. (common) Tj ETQq1 1 0.784314 rgBT /Overlock 10.0 29		
10	Emergence of Mobile Colistin Resistance (<i>mcr-8</i>) in a Highly Successful <i>Klebsiella pneumoniae</i> Sequence Type 15 Clone from Clinical Infections in Bangladesh. <i>MSphere</i> , 2020, 5, .	2.9	27
11	Outbreak of Hypervirulent Multidrug-resistant <i>Klebsiella variicola</i> Causing High Mortality in Neonates in Bangladesh. <i>Clinical Infectious Diseases</i> , 2019, 68, 1225-1227.	5.8	26
12	Mucoadhesive thin films for the simultaneous delivery of microbicide and anti-inflammatory drugs in the treatment of periodontal diseases. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118860.	5.2	21
13	Prevalence and risk factors for antimicrobial resistance among newborns with gram-negative sepsis. <i>PLoS ONE</i> , 2021, 16, e0255410.	2.5	20
14	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
15	Clinical and Molecular Description of a High-Copy <i>IncQ1</i> KPC-2 Plasmid Harbored by the International ST15 <i>Klebsiella pneumoniae</i> Clone. <i>MSphere</i> , 2020, 5, .	2.9	19
16	MYCO WELL D-ONE detection of <i>Ureaplasma</i> spp. and <i>Mycoplasma hominis</i> in sexual health patients in Wales. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 2427-2440.	2.9	16
17	A role for arthropods as vectors of multidrug-resistant Enterobacteriales in surgical site infections from South Asia. <i>Nature Microbiology</i> , 2021, 6, 1259-1270.	13.3	16
18	A <i>Klebsiella pneumoniae</i> strain co-harboring <i>mcr-1</i> and <i>mcr-3</i> from a human in Thailand. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2372-2374.	3.0	14

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19	Vertical and horizontal dissemination of an IncC plasmid harbouring rmtB 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
20	Tetracycline Resistance Mediated by <i>tet(M)</i> 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
21	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
22	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
23	Detection of BKC-1 in <i>Citrobacter freundii</i> : A clue to mobilisation in an IncQ1 plasmid carrying blaBKC-1. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106042.	2.5	9
24	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
25	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
26	Characterisation of Staphylococci species from neonatal blood cultures in low- and middle-income countries. <i>BMC Infectious Diseases</i> , 2022, 22, .	2.9	9
27	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. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 2029-2036.	2.9	8
28	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
29	<i>Legionella</i> antimicrobial sensitivity testing: comparison of microbroth dilution with BCYE and LASARUS solid media. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1197-1204.	3.0	7
30	Emergence of mcr-1 mediated colistin resistant <i>Escherichia coli</i> from a hospitalized patient in Bangladesh. <i>Journal of Infection in Developing Countries</i> , 2019, 13, 773-776.	1.2	7
31	Genomic Insights Into the Mechanism of Carbapenem Resistance Dissemination in Enterobacteriales From a Tertiary Public Health Setting in South Asia. <i>Clinical Infectious Diseases</i> , 2023, 76, 119-133.	5.8	6
32	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
33	A new mutation in mgrb mediating polymyxin resistance in <i>Klebsiella variicola</i> . <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106424.	2.5	5
34	Evaluation of the MYCOPLASMA IST3 urogenital mycoplasma assay in an international multicentre trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 3175-3182.	3.0	5
35	Emergence of mcr-3-mediated IncP and IncFII plasmids in Thailand. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 446-447.	2.2	3
36	Defining Fluoroquinolone Resistance-Mediating Mutations from Non-Resistance Polymorphisms in <i>Mycoplasma hominis</i> Topoisomerases. <i>Antibiotics</i> , 2021, 10, 1379.	3.7	1

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37	Determination of In Vitro Antimicrobial Susceptibility for Lefamulin (Pleuromutilin) for Ureaplasma Spp. and Mycoplasma hominis. <i>Antibiotics</i> , 2021, 10, 1370.	3.7	1
38	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
39	The Dynamics of Polymicrobial Biofilms. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1266-1266.	5.6	0
40	Molecular and epidemiological analysis of a <i>Burkholderia cepacia</i> sepsis outbreak from a tertiary care hospital in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008200.	3.0	0
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