

Linda A Bester

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,248
citations

331538

21
h-index

414303

32
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61
all docs

61
docs citations

61
times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	Colistin and tigecycline resistance in carbapenemase-producing Gram-negative bacteria: emerging resistance mechanisms and detection methods. <i>Journal of Applied Microbiology</i> , 2016, 121, 601-617.	1.4	109
2	Pharmacokinetics and Pharmacodynamics of Clofazimine in a Mouse Model of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3042-3051.	1.4	93
3	Diversity and Proliferation of Metallo- β -Lactamases: a Clarion Call for Clinically Effective Metallo- β -Lactamase Inhibitors. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	71
4	Enhancing targeted antibiotic therapy via pH responsive solid lipid nanoparticles from an acid cleavable lipid. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2067-2077.	1.7	69
5	NOTA: a potent metallo- β -lactamase inhibitor. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1594-1596.	1.3	51
6	Clofazimine has delayed antimicrobial activity against <i>Mycobacterium tuberculosis</i> both <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 455-461.	1.3	44
7	Prevalence of antibiotic resistance in <i>Campylobacter</i> isolates from commercial poultry suppliers in KwaZulu-Natal, South Africa. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1298-1300.	1.3	41
8	Molecular epidemiology of antibiotic-resistant <i>Enterococcus</i> spp. from the farm-to-fork continuum in intensive poultry production in KwaZulu-Natal, South Africa. <i>Science of the Total Environment</i> , 2019, 692, 868-878.	3.9	41
9	Observational Study of the Prevalence and Antibiotic Resistance of <i>Campylobacter</i> spp. from Different Poultry Production Systems in KwaZulu-Natal, South Africa. <i>Journal of Food Protection</i> , 2012, 75, 154-159.	0.8	38
10	<i>In vitro</i> evaluation of metal chelators as potential metallo- β -lactamase inhibitors. <i>Journal of Applied Microbiology</i> , 2016, 120, 860-867.	1.4	38
11	Impact of Clofazimine Dosing on Treatment Shortening of the First-Line Regimen in a Mouse Model of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	37
12	Genomic analysis of methicillin-resistant <i>Staphylococcus aureus</i> isolated from poultry and occupational farm workers in Umgungundlovu District, South Africa. <i>Science of the Total Environment</i> , 2019, 670, 704-716.	3.9	33
13	Review of Clinically and Epidemiologically Relevant Coagulase-Negative Staphylococci in Africa. <i>Microbial Drug Resistance</i> , 2020, 26, 951-970.	0.9	30
14	Antibiotic resistance profiles of <i>Campylobacter</i> species in the South Africa private health care sector. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 1214-1221.	0.5	29
15	Clofazimine Contributes Sustained Antimicrobial Activity after Treatment Cessation in a Mouse Model of Tuberculosis Chemotherapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2864-2869.	1.4	28
16	Antibiotic Resistance in <i>Staphylococcus aureus</i> from Poultry and Poultry Products in Umgungundlovu District, South Africa, Using the "Farm to Fork" Approach. <i>Microbial Drug Resistance</i> , 2020, 26, 402-411.	0.9	28
17	Evidence for the presence of clofazimine and its distribution in the healthy mouse brain. <i>Journal of Molecular Histology</i> , 2015, 46, 439-442.	1.0	27
18	Visualization of Time-Dependent Distribution of Rifampicin in Rat Brain Using MALDI MSI and Quantitative LCMS/MS. <i>Assay and Drug Development Technologies</i> , 2015, 13, 277-284.	0.6	25

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19	In Vitro Antibacterial Activity of Teixobactin Derivatives on Clinically Relevant Bacterial Isolates. <i>Frontiers in Microbiology</i> , 2018, 9, 1535.	1.5	25
20	Tissue distribution of pretomanid in rat brain via mass spectrometry imaging. <i>Xenobiotica</i> , 2016, 46, 247-252.	0.5	23
21	From Farm-to-Fork: E. Coli from an Intensive Pig Production System in South Africa Shows High Resistance to Critically Important Antibiotics for Human and Animal Use. <i>Antibiotics</i> , 2021, 10, 178.	1.5	22
22	Characterisation of <i>Campylobacter</i> spp. Isolated from Poultry in KwaZulu-Natal, South Africa. <i>Antibiotics</i> , 2020, 9, 42.	1.5	22
23	Determination of the antitubercular drug PA-824 in rat plasma, lung and brain tissues by liquid chromatography tandem mass spectrometry: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 187-194.	1.2	21
24	Multidrug-Resistant Coagulase-Negative Staphylococci Isolated from Bloodstream in the uMgungundlovu District of KwaZulu-Natal Province in South Africa: Emerging Pathogens. <i>Antibiotics</i> , 2021, 10, 198.	1.5	20
25	Plasmid-mediated resistance and virulence mechanisms in the private health sector in KwaZulu-Natal, South Africa: An investigation of methicillin resistant <i>Staphylococcus aureus</i> (MRSA) clinical isolates collected during a three month period. <i>International Journal of Infectious Diseases</i> , 2016, 46, 38-41.	1.5	19
26	MALDI MSI and LC-MS/MS: Towards preclinical determination of the neurotoxic potential of fluoroquinolones. <i>Drug Testing and Analysis</i> , 2016, 8, 832-838.	1.6	17
27	Emergence and Spread of Extended Spectrum β -Lactamase Producing Enterobacteriaceae (ESBL-PE) in Pigs and Exposed Workers: A Multicentre Comparative Study between Cameroon and South Africa. <i>Pathogens</i> , 2019, 8, 10.	1.2	16
28	Molecular Epidemiology of Antibiotic-Resistant <i>Escherichia coli</i> from Farm-to-Fork in Intensive Poultry Production in KwaZulu-Natal, South Africa. <i>Antibiotics</i> , 2020, 9, 850.	1.5	16
29	Development and validation of a liquid chromatography-tandem mass spectrometry (LC-MS/MS) method for the quantification of tigecycline in rat brain tissues. <i>Biomedical Chromatography</i> , 2016, 30, 837-845.	0.8	15
30	Occurrence, Antimicrobial Resistance, and Molecular Characterization of <i>Campylobacter</i> spp. in Intensive Pig Production in South Africa. <i>Pathogens</i> , 2021, 10, 439.	1.2	15
31	1,4,7-Triazacyclononane Restores the Activity of β -Lactam Antibiotics against Metallo- β -Lactamase-Producing Enterobacteriaceae: Exploration of Potential Metallo- β -Lactamase Inhibitors. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	13
32	Antibiotic resistance via the food chain: Fact or fiction?. <i>South African Journal of Science</i> , 2010, 106, .	0.3	13
33	A Public Health Insight into <i>Salmonella</i> in Poultry in Africa: A Review of the Past Decade: 2010-2020. <i>Microbial Drug Resistance</i> , 2022, 28, 710-733.	0.9	13
34	Impact of Pyridyl Moieties on the Inhibitory Properties of Prominent Acyclic Metal Chelators Against Metallo- β -Lactamase-Producing Enterobacteriaceae: Investigating the Molecular Basis of Acyclic Metal Chelators' Activity. <i>Microbial Drug Resistance</i> , 2019, 25, 439-449.	0.9	11
35	In vitro potentiation of carbapenems with tannic acid against carbapenemase-producing enterobacteriaceae: exploring natural products as potential carbapenemase inhibitors. <i>Journal of Applied Microbiology</i> , 2019, 126, 452-467.	1.4	11
36	Genomic Analysis of Antibiotic-Resistant <i>Staphylococcus epidermidis</i> Isolates From Clinical Sources in the Kwazulu-Natal Province, South Africa. <i>Frontiers in Microbiology</i> , 2021, 12, 656306.	1.5	11

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37	Bacterial diversity and functional profile of microbial populations on surfaces in public hospital environments in South Africa: A high throughput metagenomic analysis. <i>Science of the Total Environment</i> , 2020, 719, 137360.	3.9	10
38	<i>Staphylococcus aureus</i> in Intensive Pig Production in South Africa: Antibiotic Resistance, Virulence Determinants, and Clonality. <i>Pathogens</i> , 2021, 10, 317.	1.2	10
39	Molecular Epidemiology of <i>Salmonella enterica</i> in Poultry in South Africa Using the Farm-to-Fork Approach. <i>International Journal of Microbiology</i> , 2022, 2022, 1-12.	0.9	10
40	Genome Mining and Comparative Pathogenomic Analysis of An Endemic Methicillin-Resistant <i>Staphylococcus Aureus</i> (MRSA) Clone, ST612-CC8-t1257-SCCmec_IVd(2B), Isolated in South Africa. <i>Pathogens</i> , 2019, 8, 166.	1.2	9
41	Small molecule distribution in rat lung: a comparison of various cryoprotectants as inflation media and their applicability to MSI. <i>Journal of Molecular Histology</i> , 2016, 47, 213-219.	1.0	8
42	Rapid and widespread distribution of doxycycline in rat brain: a mass spectrometric imaging study. <i>Xenobiotica</i> , 2016, 46, 385-392.	0.5	8
43	From the Farms to the Dining Table: The Distribution and Molecular Characteristics of Antibiotic-Resistant <i>Enterococcus</i> spp. in Intensive Pig Farming in South Africa. <i>Microorganisms</i> , 2021, 9, 882.	1.6	8
44	Genotypic and Phenotypic Characterizations of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) on Frequently Touched Sites from Public Hospitals in South Africa. <i>International Journal of Microbiology</i> , 2021, 2021, 1-9.	0.9	7
45	Neuroprotective potential of Linezolid: a quantitative and distribution study via mass spectrometry. <i>Journal of Molecular Histology</i> , 2016, 47, 429-435.	1.0	6
46	Occurrence, Antibiotic Resistance, Virulence Factors, and Genetic Diversity of <i>Bacillus</i> spp. from Public Hospital Environments in South Africa. <i>Microbial Drug Resistance</i> , 2021, 27, 1692-1704.	0.9	6
47	Food animals as reservoirs and potential sources of multidrug-resistant diarrheagenic <i>E. coli</i> pathotypes: Focus on intensive pig farming in South Africa. <i>Onderstepoort Journal of Veterinary Research</i> , 2022, 89, e1-e13.	0.6	6
48	Super-Cationic Peptide Dendrimersâ€™ Synthesis and Evaluation as Antimicrobial Agents. <i>Antibiotics</i> , 2021, 10, 695.	1.5	5
49	Surveillance of <i>Salmonella</i> spp. in the environment of public hospitals in KwaZulu-Natal, South Africa. <i>Journal of Hospital Infection</i> , 2020, 105, 205-212.	1.4	4
50	Enterococcal contamination of hospital environments in KwaZuluâ€™Natal, South Africa. <i>Journal of Applied Microbiology</i> , 2022, 132, 654-664.	1.4	4
51	Creation of a contusion injury in rabbit skeletal muscle using a drop-mass technique. <i>Journal of the South African Veterinary Association</i> , 2013, 84, .	0.2	3
52	Whole-Genome Shotgun Sequence of Drug-Resistant <i>Staphylococcus aureus</i> Strain SA9, Isolated from a Slaughterhouse Chicken Carcass in South Africa. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
53	Molecular Surveillance and Dissemination of <i>Klebsiella pneumoniae</i> on Frequently Encountered Surfaces in South African Public Hospitals. <i>Microbial Drug Resistance</i> , 2021, .	0.9	2
54	Genome Sequence of a Novel <i>Enterococcus faecalis</i> Sequence Type 922 Strain Isolated from a Door Handle in the Intensive Care Unit of a District Hospital in Durban, South Africa. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2

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55	Shared Microbiome in Different Ecosystems: A Meta-Omics Perspective. , 2019, , 1-20.		1
56	Evaluation of MALDI Biotyping for Rapid Subspecies Identification of Carbapenemase-Producing Bacteria via Protein Profiling. Mass Spectrometry Letters, 2014, 5, 110-114.	0.5	1
57	Antibiotic sensitivity of bacteria isolated from the oral cavities of live white sharks (Carcharodon) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	0
58	Tet(M) Mediates Tetracycline Resistance in Methicillin-Resistant Staphylococcus aureus (MRSA) Clinical Isolates from the Private Hospital Sector in KwaZulu-Natal (KZN), South Africa. Journal of Pure and Applied Microbiology, 2019, 13, 51-59.	0.3	0