

Efflux pump-mediated drug resistance in Burkholderia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Permeability Barrier of Gram-Negative Cell Envelopes and Approaches To Bypass It. ACS Infectious Diseases, 2015, 1, 512-522.	1.8	442
2	Complete Genome Sequence Analysis of <i>Pandoraea pnomenusa</i> Type Strain DSM 16536T Isolated from a Cystic Fibrosis Patient. Frontiers in Microbiology, 2016, 7, 109.	1.5	12
3	Finaxofloxacin overcomes <i>Burkholderia pseudomallei</i> efflux-mediated fluoroquinolone resistance. Journal of Antimicrobial Chemotherapy, 2016, 72, dkw529.	1.3	13
4	<i>Burkholderia pseudomallei</i> : First case of melioidosis in Portugal. IDCases, 2016, 3, 10-11.	0.4	6
5	Polymyxin Susceptibility Testing: a Cold Case Reopened. Clinical Microbiology Newsletter, 2016, 38, 69-77.	0.4	15
6	<i>Burkholderia pseudomallei</i> : Challenges for the Clinical Microbiology Laboratory. Journal of Clinical Microbiology, 2016, 54, 2866-2873.	1.8	39
7	Antibiotic resistance in <i>Burkholderia</i> species. Drug Resistance Updates, 2016, 28, 82-90.	6.5	255
8	Versatile nourseothricin and streptomycin/spectinomycin resistance gene cassettes and their use in chromosome integration vectors. Journal of Microbiological Methods, 2016, 129, 8-13.	0.7	5
9	Intrinsic Resistance of <i>Burkholderia cepacia</i> Complex to Benzalkonium Chloride. MBio, 2016, 7, .	1.8	38
10	Multidrug Efflux Pumps and Their Inhibitors Characterized by Computational Modeling. , 2016, , 797-831.		7
11	Aminoglycosides: An Overview. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a027029.	2.9	590
12	Using adjuvants and environmental factors to modulate the activity of antimicrobial peptides. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 926-935.	1.4	54
13	Antibiotic Resistance Markers in <i>Burkholderia pseudomallei</i> Strain Bp1651 Identified by Genome Sequence Analysis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	46
14	Virulence traits associated with <i>Burkholderia cenocepacia</i> ST856 epidemic strain isolated from cystic fibrosis patients. Antimicrobial Resistance and Infection Control, 2017, 6, 57.	1.5	7
15	Antibodies against In Vivo -Expressed Antigens Are Sufficient To Protect against Lethal Aerosol Infection with <i>Burkholderia mallei</i> and <i>Burkholderia pseudomallei</i> . Infection and Immunity, 2017, 85, .	1.0	17
16	Mechanisms of Resistance to Folate Pathway Inhibitors in <i>Burkholderia pseudomallei</i> : Deviation from the Norm. MBio, 2017, 8, .	1.8	47
17	Relationships Between Resistance and Virulence in <i>Burkholderia pseudomallei</i> . Current Tropical Medicine Reports, 2017, 4, 127-135.	1.6	0
18	Synergy between Active Efflux and Outer Membrane Diffusion Defines Rules of Antibiotic Permeation into Gram-Negative Bacteria. MBio, 2017, 8, .	1.8	151

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19	A 17-Year Nationwide Study of Burkholderia cepacia Complex Bloodstream Infections Among Patients in the United States Veterans Health Administration. <i>Clinical Infectious Diseases</i> , 2017, 65, 1327-1334.	2.9	27
20	Molecular Simulations of Carbohydrates with a Fucose-Binding Burkholderia ambifaria Lectin Suggest Modulation by Surface Residues Outside the Fucose-Binding Pocket. <i>Frontiers in Pharmacology</i> , 2017, 8, 393.	1.6	8
21	Burkholderia cepacia Complex Infections Among Cystic Fibrosis Patients: Perspectives and Challenges. , 0, , .		6
22	Subfunctionalization influences the expansion of bacterial multidrug antibiotic resistance. <i>BMC Genomics</i> , 2017, 18, 834.	1.2	5
23	Trans-envelope multidrug efflux pumps of Gram-negative bacteria and their synergism with the outer membrane barrier. <i>Research in Microbiology</i> , 2018, 169, 351-356.	1.0	45
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25	Use of Immunohistochemistry to Demonstrate In Vivo Expression of the Burkholderia mallei Virulence Factor BpaB During Experimental Glanders. <i>Veterinary Pathology</i> , 2018, 55, 258-267.	0.8	1
26	Development and validation of a triplex quantitative real-time PCR assay to detect efflux pump-mediated antibiotic resistance in Burkholderia pseudomallei. <i>Future Microbiology</i> , 2018, 13, 1403-1418.	1.0	7
27	The heritable natural competency trait of Burkholderia pseudomallei in other Burkholderia species through comE and crp. <i>Scientific Reports</i> , 2018, 8, 12422.	1.6	5
29	Nanotechnology-based drug delivery systems for control of microbial biofilms: a review. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1179-1213.	3.3	191
30	Transcriptional and post-transcriptional regulation of PenA β -lactamase in acquired Burkholderia pseudomallei β -lactam resistance. <i>Scientific Reports</i> , 2018, 8, 10652.	1.6	16
31	The Mla Pathway Plays an Essential Role in the Intrinsic Resistance of Burkholderia cepacia Complex Species to Antimicrobials and Host Innate Components. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	32
32	Antimicrobial activity of essential oils against multidrug-resistant clinical isolates of the Burkholderia cepacia complex. <i>PLoS ONE</i> , 2018, 13, e0201835.	1.1	45
33	Efflux Pumps of Burkholderia thailandensis Control the Permeability Barrier of the Outer Membrane. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	17
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35	A Substrate-Activated Efflux Pump, DesABC, Confers Zeamine Resistance to Dickeya zeae. <i>MBio</i> , 2019, 10, .	1.8	13
36	Burkholderia pseudomallei. , 2019, , 185-211.		0
37	Accurate identification and epidemiological characterization of Burkholderia cepacia complex: an update. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2019, 18, 7.	1.7	52

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38	GC-072, a Novel Therapeutic Candidate for Oral Treatment of Melioidosis and Infections Caused by Select Biothreat Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	4
39	A DedA Family Membrane Protein Is Required for <i>Burkholderia thailandensis</i> Colistin Resistance. <i>Frontiers in Microbiology</i> , 2019, 10, 2532.	1.5	43
40	Mapping the Efficacy and Mode of Action of Ethylzingerone [4-(3-Ethoxy-4-Hydroxyphenyl) Butan-2-One] as an Active Agent against <i>Burkholderia</i> Bacteria. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	1
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43	Reciprocal antibiotic collateral sensitivity in <i>Burkholderia multivorans</i> . <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 105994.	1.1	4
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45	Evolution of gentamicin and arsenite resistance acquisition in <i>Ralstonia pickettii</i> water isolates. <i>Research in Microbiology</i> , 2021, 172, 103790.	1.0	2
46	<i>Burkholderia ubonensis</i> High-Level Tetracycline Resistance Is Due to Efflux Pump Synergy Involving a Novel TetA(64) Resistance Determinant. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	5
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48	Genomic and RT-qPCR analysis of trimethoprim-sulfamethoxazole and meropenem resistance in <i>Burkholderia pseudomallei</i> clinical isolates. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008913.	1.3	6
49	Thinking Outside the Bug: Targeting Outer Membrane Proteins for <i>Burkholderia</i> Vaccines. <i>Cells</i> , 2021, 10, 495.	1.8	11
50	Liposome as a delivery system for the treatment of biofilm-mediated infections. <i>Journal of Applied Microbiology</i> , 2021, 131, 2626-2639.	1.4	42
51	Proteomics insights into the <i>Burkholderia cenocepacia</i> phosphorus stress response. <i>Environmental Microbiology</i> , 2021, 23, 5069-5086.	1.8	15
52	Identification of a PadR-type regulator essential for intracellular pathogenesis of <i>Burkholderia pseudomallei</i> . <i>Scientific Reports</i> , 2021, 11, 10405.	1.6	1
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57	Coming from the Wild: Multidrug Resistant Opportunistic Pathogens Presenting a Primary, Not Human-Linked, Environmental Habitat. International Journal of Molecular Sciences, 2021, 22, 8080.	1.8	33
58	Conservation of Resistance-Nodulation-Cell Division Efflux Pump-Mediated Antibiotic Resistance in Burkholderia cepacia Complex and Burkholderia pseudomallei Complex Species. Antimicrobial Agents and Chemotherapy, 2021, 65, e0092021.	1.4	6
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61	Antimicrobial Susceptibility of Western Hemisphere Isolates of <i>Burkholderia pseudomallei</i> : Phenotypic and Genomic Analyses. Microbial Drug Resistance, 2021, 27, 1176-1185.	0.9	3
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75	Prediction of Burkholderia pseudomallei DsbA substrates identifies potential virulence factors and vaccine targets. PLoS ONE, 2020, 15, e0241306.	1.1	5
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77	Human Cryptic Host Defence Peptide GVF27 Exhibits Anti-Infective Properties against Biofilm Forming Members of the Burkholderia cepacia Complex. <i>Pharmaceuticals</i> , 2022, 15, 260.	1.7	3
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85	Comparative Analysis of Potential Determinants of Resistance to Aminoglycosides in <i>Burkholderia pseudomallei</i>; Strains with Different Level of Sensitivity to Gentamicin. <i>Problemy Osobo Opasnykh Infektsii</i> , 2022, , 158-163.	0.2	0
87	Expression of virulence and antimicrobial related proteins in Burkholderia mallei and Burkholderia pseudomallei. <i>PLoS Neglected Tropical Diseases</i> , 2023, 17, e0011006.	1.3	1
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90	High-Throughput Screen Reveals the Structure–Activity Relationship of the Antimicrobial Lasso Peptide Ubonodin. <i>ACS Central Science</i> , 2023, 9, 540-550.	5.3	5
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