

CITATION REPORT

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New developments in carbapenems

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#	Paper	IF	Citations
57	Antimicrobial resistance in <i>Bacteroides</i> spp.: occurrence and dissemination. <i>Future Microbiology</i> , 2009 , 4, 413-23	2.9	15
56	Molecular basis and phenotype of methicillin resistance in <i>Staphylococcus aureus</i> and insights into new beta-lactams that meet the challenge. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4051-63	5.9	97
55	Management of bacteremia in patients undergoing hematopoietic stem cell transplantation. <i>Expert Review of Anti-Infective Therapy</i> , 2009 , 7, 607-21	5.5	20
54	Advances in antibacterial therapy against emerging bacterial pathogens. <i>Seminars in Hematology</i> , 2009 , 46, 198-211	4	17
53	Four-Membered Carbocycles. 2010 , 45-69		
52	Elucidating the role of Trp105 in the KPC-2 β -lactamase. <i>Protein Science</i> , 2010 , 19, 1714-27	6.3	44
51	Substrate selectivity and a novel role in inhibitor discrimination by residue 237 in the KPC-2 beta-lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2867-77	5.9	44
50	Worldwide experience with the use of doripenem against extended-spectrum-beta-lactamase-producing and ciprofloxacin-resistant Enterobacteriaceae: analysis of six phase 3 clinical studies. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2119-24	5.9	33
49	β -Lactam Antibiotics. 2010 , 257-402		17
48	Structure-chiroptical properties relationship of carbapenams by experiment and theory. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7219-26	4.2	16
47	[Available carbapenams: Properties and differences]. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2010 , 28 Suppl 2, 53-64	0.9	6
46	Emerging drugs in sepsis. <i>Expert Opinion on Emerging Drugs</i> , 2010 , 15, 41-52	3.7	11
45	Carbapenems: past, present, and future. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4943-60	5.9	752
44	Determination of the absolute configurations using electronic and vibrational circular dichroism measurements and quantum chemical calculations. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 1720-1724		20
43	Identification of products of inhibition of GES-2 beta-lactamase by tazobactam by x-ray crystallography and spectrometry. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14396-409	5.4	17
42	Antimicrobial treatment of anaerobic infections. <i>Expert Opinion on Pharmacotherapy</i> , 2011 , 12, 1691-7074		21
41	Prevalence and genotypic relatedness of carbapenem resistance among multidrug-resistant <i>P. aeruginosa</i> in tertiary hospitals across Thailand. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2012 , 11, 25	6.2	11

40	Gallium-based anti-infectives: targeting microbial iron-uptake mechanisms. <i>Current Opinion in Pharmacology</i> , 2013 , 13, 707-16	5.1	87
39	Carbapenem-resistant Gram-negative bacteria: how to prioritize infection prevention and control interventions in resource-limited settings?. <i>Expert Review of Anti-Infective Therapy</i> , 2013 , 11, 147-57	5.5	17
38	Insights into β -lactamases from Burkholderia species, two phylogenetically related yet distinct resistance determinants. <i>Journal of Biological Chemistry</i> , 2013 , 288, 19090-102	5.4	40
37	Antianaerobic antimicrobials: spectrum and susceptibility testing. <i>Clinical Microbiology Reviews</i> , 2013 , 26, 526-46	34	184
36	Carbapenems. <i>Journal of Chemotherapy</i> , 2013 , 25, 1-17	2.3	47
35	Emerging novel and antimicrobial-resistant respiratory tract infections: new drug development and therapeutic options. <i>Lancet Infectious Diseases</i> , 2014 , 14, 1136-1149	25.5	72
34	Spread of TEM, VIM, SHV, and CTX-M β -lactamases in Imipenem-Resistant Gram-Negative Bacilli Isolated from Egyptian Hospitals. <i>International Journal of Microbiology</i> , 2016 , 2016, 8382605	3.6	8
33	β -lactams and β -lactamase Inhibitors: An Overview. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016 , 6,	5.4	358
32	Antimicrobials therapy of anaerobic infections. <i>Journal of Chemotherapy</i> , 2016 , 28, 143-50	2.3	9
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30	Carbapenem Resistance: A Review. <i>Medical Sciences (Basel, Switzerland)</i> , 2017 , 6,	3.3	164
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26	Identification of potent L,D-transpeptidase 5 inhibitors for Mycobacterium tuberculosis as potential anti-TB leads: virtual screening and molecular dynamics simulations. <i>Journal of Molecular Modeling</i> , 2019 , 25, 328	2	7
25	Poly (bromocresol green) flakes-decorated pencil graphite electrode for selective electrochemical sensing applications and pharmacokinetic studies. <i>Materials Science and Engineering C</i> , 2019 , 102, 634-645	8.3	8
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22 Therapeutic Potentials of β -Lactam. **2020**, 59-88

21	In vitro activity of colistin against multidrug-resistant <i>Acinetobacter baumannii</i> isolates harboring blaOXA-23-like and blaOXA-24-like genes: A multicenter based study. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2020 , 67, 182-186	1.8	
20	The environmental contribution to the dissemination of carbapenem and (fluoro)quinolone resistance genes by discharged and reused wastewater effluents: The role of cellular and extracellular DNA. <i>Water Research</i> , 2020 , 182, 116011	12.5	15
19	A plethora of carbapenem resistance in : no end to a long insidious genetic journey. <i>Journal of Chemotherapy</i> , 2021 , 33, 137-155	2.3	3
18	Carbapenem resistance in <i>Acinetobacter baumannii</i> , and their importance in hospital-acquired infections: a scientific review. <i>Journal of Applied Microbiology</i> , 2021 , 131, 2715-2738	4.7	17
17	Metallo- β -lactamases in the Age of Multidrug Resistance: From Structure and Mechanism to Evolution, Dissemination, and Inhibitor Design. <i>Chemical Reviews</i> , 2021 , 121, 7957-8094	68.1	29
16	Extended or Continuous Infusion of Carbapenems in Children with Severe Infections: A Systematic Review and Narrative Synthesis. <i>Antibiotics</i> , 2021 , 10,	4.9	0
15	Bacterial resistance in India: Studying plasma antibiotic levels. <i>Indian Journal of Critical Care Medicine</i> , 2015 , 19, 574-5	1.3	1
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13	Antimicrobial Resistance of Anaerobic Bacteria. 2017 , 1007-1040		
12	Multiresistant Bacteria: Invisible Enemies of Freshwater Mussels. <i>SSRN Electronic Journal</i> ,	1	
11	Multiresistant bacteria: Invisible enemies of freshwater mussels.. <i>Environmental Pollution</i> , 2021 , 295, 118671	9.3	1
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8	Mechanisms of Action of Carbapenem Resistance.. <i>Antibiotics</i> , 2022 , 11,	4.9	7
7	Prevalence of Extended-Spectrum β -Lactamase Genes and Antibiotic Resistance Pattern in Clinical Isolates of <i>Acinetobacter baumannii</i> from Patients Hospitalized in Mashhad, Iran. <i>Jundishapur Journal of Microbiology</i> , 2022 , 15,	1.2	
6	The role of <i>Acinetobacter baumannii</i> CarO outer membrane protein in carbapenems influx. <i>Research in Microbiology</i> , 2022 , 103966	4	0
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- 4 Analysis of Drug Resistance Genotype and Distribution in *Klebsiella pneumoniae* Isolates from a Tertiary-Care Hospital in Guilin, China. ○
- 3 Insights into Carbapenem Resistance in *Vibrio* Species: Current Status and Future Perspectives. **2022**, 23, 12486 ○
- 2 Genome-based characterization of conjugative IncHI1B plasmid carrying carbapenemase genes blaVIM-1, blaIMP-23, and truncated blaOXA-256 in *Klebsiella pneumoniae* NTU107224. **2023**, 110, 105420 ○
- 1 Can bio-nanotechnology be effective against multi drug resistant (MDR) pathogens?. **2023**, 475-498 ○