FranÃ§oise Van Bambeke

List of Publications by Year
in descending order

222 papers	9,665 citations	29994 54 h-index	53109 85 g-index
226 all docs	226 docs citations	226 times ranked	10473 citing authors

#	Article	IF	Citations
1	Hydrolytic Enzymes as Potentiators of Antimicrobials against an Inter-Kingdom Biofilm Model. Microbiology Spectrum, 2022, 10, e0258921.	1.2	5
2	Host Cell Oxidative Stress Induces Dormant Staphylococcus aureus Persisters. Microbiology Spectrum, 2022, 10, e0231321.	1.2	24
3	Pharmacodynamics of Moxifloxacin, Meropenem, Caspofungin, and Their Combinations against In Vitro Polymicrobial Interkingdom Biofilms. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0214921.	1.4	4
4	Role of Efflux in Antibiotic Resistance of Achromobacter xylosoxidans and Achromobacter insuavis Isolates From Patients With Cystic Fibrosis. Frontiers in Microbiology, 2022, 13, 762307.	1.5	9
5	Antibiotic Usage in Patients Having Undergone Caesarean Section: A Three-Level Study in Benin. Antibiotics, 2022, 11, 617.	1.5	5
6	The polyamino-isoprenyl potentiator NV716 revives disused antibiotics against Gram-negative bacteria in broth, infected monocytes, or biofilms, by disturbing the barrier effect of their outer membrane. European Journal of Medicinal Chemistry, 2022, 238, 114496.	2.6	5
7	Healthcare Professionalsâ€™ Knowledge and Beliefs on Antibiotic Prophylaxis in Cesarean Section: A Mixed-Methods Study in Benin. Antibiotics, 2022, 11, 872.	1.5	2
8	Population Pharmacokinetics of Temocillin Administered by Continuous Infusion in Patients with Septic Shock Associated with Intra-Abdominal Infection and Ascitic Fluid Effusion. Antibiotics, 2022, 11, 898.	1.5	4
9	The Polyaminoisoprenyl Potentiator NV716 Revives Old Disused Antibiotics against Intracellular Forms of Infection by Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	9
10	First detection of a plasmid-encoded New-Delhi metallo-beta-lactamase-1 (NDM-1) producing Acinetobacter baumannii using whole genome sequencing, isolated in a clinical setting in Benin. Annals of Clinical Microbiology and Antimicrobials, 2021, 20, 5.	1.7	6
11	In Vitro Models for the Study of the Intracellular Activity of Antibiotics. Methods in Molecular Biology, 2021, 2357, 239-251.	0.4	2
12	In VitroStudy of the Synergistic Effect of an Enzyme Cocktail and Antibiotics against Biofilms in a Prosthetic Joint Infection Model. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	7
13	Population Pharmacokinetics and Dose Optimization of Ceftazidime and Imipenem in Patients with Acute Exacerbations of Chronic Obstructive Pulmonary Disease. Pharmaceutics, 2021, 13, 456.	2.0	1
14	Antimicrobial potentials of essential oils extracted from West African aromatic plants on common skin infections. Scientific African, 2021, 11, e00706.	0.7	6
15	Clinical Use and Adverse Drug Reactions of Linezolid: A Retrospective Study in Four Belgian Hospital Centers. Antibiotics, 2021, 10, 530.	1.5	20
16	In vitro polymicrobial inter-kingdom three-species biofilm model: influence of hyphae on biofilm formation and bacterial physiology. Biofouling, 2021, 37, 481-493.	0.8	5
17	Intracellular Activity of Antibiotics against Coxiella burnetii in a Model of Activated Human THP-1 Cells. Antimicrobial Agents and Chemotherapy, 2021, 65, e0106121.	1.4	7
18	Uropathogenic Escherichia coli Shows Antibiotic Tolerance and Growth Heterogeneity in anIn VitroModel of Intracellular Infection. Antimicrobial Agents and Chemotherapy, 2021, 65, e0146821.	1.4	7

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19	Activity of Moxifloxacin Against Biofilms Formed by Clinical Isolates of Staphylococcus aureus Differing by Their Resistant or Persister Character to Fluoroquinolones. Frontiers in Microbiology, 2021, 12, 785573.	1.5	5
20	Comparative in vitro antimicrobial potency, stability, colouration and dissolution time of generics versus innovator of meropenem in Europe. International Journal of Antimicrobial Agents, 2020, 55, 105825.	1.1	7
21	Antibiotic Resistance, Biofilm Formation, and Intracellular Survival As Possible Determinants of Persistent or Recurrent Infections by Staphylococcus aureus in a Vietnamese Tertiary Hospital: Focus on Bacterial Response to Moxifloxacin. Microbial Drug Resistance, 2020, 26, 537-544.	0.9	16
22	Influence of pH on the activity of finafloxacin against extracellular and intracellular Burkholderia thailandensis, Yersinia pseudotuberculosis and Francisella philomiragia and on its cellular pharmacokinetics in THP-1 monocytes. Clinical Microbiology and Infection, 2020, 26, 1254.e1-1254.e8.	2.8	14
23	Cellular pharmacokinetics and intracellular activity of the bacterial fatty acid synthesis inhibitor, afabicin desphosphono against different resistance phenotypes of Staphylococcus aureus in models of cultured phagocytic cells. International Journal of Antimicrobial Agents, 2020, 55, 105848.	1.1	6
24	Synergistic Effects of Pulsed Lavage and Antimicrobial Therapy Against Staphylococcus aureus Biofilms in an in-vitro Model. Frontiers in Medicine, 2020, 7, 527.	1.2	8
25	Antimicrobial resistance in hospitalized surgical patients: a silently emerging public health concern in Benin. Annals of Clinical Microbiology and Antimicrobials, 2020, 19, 54.	1.7	9
26	4CPS-031â€…Audit of antibiotic prophylaxis practice in visceral surgery in an African country. , 2020, , .		1
27	Pharmacokinetic/pharmacodynamic considerations for new and current therapeutic drugs for uncomplicated gonorrhoeaâ€”challenges and opportunities. Clinical Microbiology and Infection, 2020, 26, 1630-1635.	2.8	16
28	The Persister Character of Clinical Isolates of Staphylococcus aureus Contributes to Faster Evolution to Resistance and Higher Survival in THP-1 Monocytes: A Study With Moxifloxacin. Frontiers in Microbiology, 2020, 11, 587364.	1.5	11
29	Intracellular Staphylococcus aureus persisters upon antibiotic exposure. Nature Communications, 2020, 11, 2200.	5.8	197
30	Single-dose pharmacokinetics of temocillin in plasma and soft tissues of healthy volunteers after intravenous and subcutaneous administration: a randomized crossover microdialysis trial. Journal of Antimicrobial Chemotherapy, 2020, 75, 2650-2656.	1.3	9
31	Increased Azithromycin Susceptibility of Multidrug-Resistant Gram-Negative Bacteria on RPMI-1640 Agar Assessed by Disk Diffusion Testing. Antibiotics, 2020, 9, 218.	1.5	17
32	Activity of Antibiotics against Pseudomonas aeruginosa in an In Vitro Model of Biofilms in the Context of Cystic Fibrosis: Influence of the Culture Medium. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	18
33	Pharmacomodulations of the benzoyl-thiosemicarbazide scaffold reveal antimicrobial agents targeting d-alanyl-d-alanine ligase in bacterio. European Journal of Medicinal Chemistry, 2020, 200, 112444.	2.6	20
34	Artemisia Spp. Derivatives for COVID-19 Treatment: Anecdotal Use, Political Hype, Treatment Potential, Challenges, and Road Map to Randomized Clinical Trials. American Journal of Tropical Medicine and Hygiene, 2020, 103, 960-964.	0.6	34
35	Prolonged inhibition and incomplete recovery of mitochondrial function in oxazolidinone-treated megakaryoblastic cell lines. International Journal of Antimicrobial Agents, 2019, 54, 661-667.	1.1	3
36	Determination of optimal loading and maintenance doses for continuous infusion of vancomycin in critically ill patients: Population pharmacokinetic modelling and simulations for improved dosing schemes. International Journal of Antimicrobial Agents, 2019, 54, 702-708.	1.1	16

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37	Activity of Antibiotics against Staphylococcus aureus in an In Vitro Model of Biofilms in the Context of Cystic Fibrosis: Influence of the Culture Medium. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	20
38	Profile of a Novel Anionic Fluoroquinoloneâ€"Delafloxacin. Clinical Infectious Diseases, 2019, 68, S213-S222.	2.9	44
39	Investigation of unbound colistin A and B in clinical samples using a mass spectrometry method. International Journal of Antimicrobial Agents, 2019, 53, 330-336.	1.1	3
40	Temocillin plasma and pancreatic tissue concentrations in a critically ill patient with septic shock. Journal of Antimicrobial Chemotherapy, 2019, 74, 1459-1461.	1.3	2
41	Natural and hemi-synthetic pentacyclic triterpenes as antimicrobials and resistance modifying agents against Staphylococcus aureus: a review. Phytochemistry Reviews, 2018, 17, 1129-1163.	3.1	52
42	Should standardized susceptibility testing for microbial biofilms be introduced in clinical practice?. Clinical Microbiology and Infection, 2018, 24, 570-572.	2.8	54
43	Cellular Pharmacokinetics and Intracellular Activity of Gepotidacin against Staphylococcus aureus Isolates with Different Resistance Phenotypes in Models of Cultured Phagocytic Cells. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	14
44	Mitochondrial Alterations (Inhibition of Mitochondrial Protein Expression, Oxidative Metabolism,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Cultured Human HL-60 Promyelocytes and THP-1 Monocytes. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	21
45	Activities of Combinations of Antistaphylococcal Antibiotics with Fusidic Acid against Staphylococcal Biofilms in In Vitro Static and Dynamic Models. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	19
46	Temocillin dosing in haemodialysis patients based on population pharmacokinetics of total and unbound concentrations and Monte Carlo simulations. Journal of Antimicrobial Chemotherapy, 2018, 73, 1630-1638.	1.3	4
47	1-(2-Hydroxybenzoyl)-thiosemicarbazides are promising antimicrobial agents targeting d-alanine-d-alanine ligase in bacterio. European Journal of Medicinal Chemistry, 2018, 159, 324-338.	2.6	20
48	Great phenotypic and genetic variation among successive chronic Pseudomonas aeruginosa from a cystic fibrosis patient. PLoS ONE, 2018, 13, e0204167.	1.1	24
49	Loss of activity of ceftazidime-avibactam due to MexAB-OprM efflux and overproduction of AmpC cephalosporinase in Pseudomonas aeruginosa isolated from patients suffering from cystic fibrosis. International Journal of Antimicrobial Agents, 2018, 52, 697-701.	1.1	47
50	Anidulafungin increases the antibacterial activity of tigecycline in polymicrobial Candida albicans/Staphylococcus aureus biofilms on intraperitoneally implanted foreign bodies. Journal of Antimicrobial Chemotherapy, 2018, 73, 2806-2814.	1.3	23
51	The Putative De-N-acetylase DnpA Contributes to Intracellular and Biofilm-Associated Persistence of Pseudomonas aeruginosa Exposed to Fluoroquinolones. Frontiers in Microbiology, 2018, 9, 1455.	1.5	6
52	Mechanisms of intrinsic resistance and acquired susceptibility of Pseudomonas aeruginosa isolated from cystic fibrosis patients to temocillin, a revived antibiotic. Scientific Reports, 2017, 7, 40208.	1.6	34
53	Salicylidene Acylhydrazides and Hydroxyquinolines Act as Inhibitors of Type Three Secretion Systems in Pseudomonas aeruginosa by Distinct Mechanisms. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	33
54	Acquired resistance to macrolides inPseudomonas aeruginosafrom cystic fibrosis patients. European Respiratory Journal, 2017, 49, 1601847.	3.1	42

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55	Optimizing Î²-lactams treatment in critically-ill patients using pharmacokinetics/pharmacodynamics targets: are first conventional doses effective?. Expert Review of Anti-Infective Therapy, 2017, 15, 677-688.	2.0	77
56	Pharmacodynamics of ceftazidime/avibactam against extracellular and intracellular forms ofPseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2017, 72, dkw587.	1.3	5
57	Determining Î²-lactam exposure threshold to suppress resistance development in Gram-negative bacteria. Journal of Antimicrobial Chemotherapy, 2017, 72, 1421-1428.	1.3	72
58	Mechanisms of Action. , 2017, , 1162-1180.e1.		30
59	Synergy between Ursolic and Oleanolic Acids from Vitellaria paradoxa Leaf Extract and Î²-Lactams against Methicillin-Resistant Staphylococcus aureus: In Vitro and In Vivo Activity and Underlying Mechanisms. Molecules, 2017, 22, 2245.	1.7	34
60	Antibacterial Activity of 1-[(2,4-Dichlorophenethyl)amino]-3-Phenoxypropan-2-ol against Antibiotic-Resistant Strains of Diverse Bacterial Pathogens, Biofilms and in Pre-clinical Infection Models. Frontiers in Microbiology, 2017, 8, 2585.	1.5	9
61	Synergistic activity between an antimicrobial polyacrylamide and daptomycin versusStaphylococcus aureusbiofilm. Pathogens and Disease, 2016, 74, ftw042.	0.8	10
62	Antimicrobial Susceptibility of Pseudomonas aeruginosa Isolated from Cystic Fibrosis Patients in Northern Europe. Antimicrobial Agents and Chemotherapy, 2016, 60, 6735-6741.	1.4	43
63	Inhibition of the Injectisome and Flagellar Type III Secretion Systems by INP1855 ImpairsPseudomonas aeruginosaPathogenicity and Inflammasome Activation. Journal of Infectious Diseases, 2016, 214, 1105-1116.	1.9	26
64	The antifungal caspofungin increases fluoroquinolone activity against Staphylococcus aureus biofilms by inhibiting N-acetylglucosamine transferase. Nature Communications, 2016, 7, 13286.	5.8	41
65	High-level resistance to meropenem in clinical isolates of Pseudomonas aeruginosa in the absence of carbapenemases: role of active efflux and porin alterations. International Journal of Antimicrobial Agents, 2016, 48, 740-743.	1.1	55
66	Modulating antibiotic activity towards respiratory bacterial pathogens by co-medications: a multi-target approach. Drug Discovery Today, 2016, 21, 1114-1129.	3.2	12
67	Targeting the Type Three Secretion System in Pseudomonas aeruginosa. Trends in Pharmacological Sciences, 2016, 37, 734-749.	4.0	97
68	The role of solithromycin in the management of bacterial community-acquired pneumonia. Expert Review of Anti-Infective Therapy, 2016, 14, 311-324.	2.0	17
69	Editorial Commentary: Colistin and a New Paradigm in Drug Development. Clinical Infectious Diseases, 2016, 62, 559-560.	2.9	3
70	Increase of efflux-mediated resistance in Pseudomonas aeruginosa during antibiotic treatment in patients suffering from nosocomial pneumonia. International Journal of Antimicrobial Agents, 2016, 47, 77-83.	1.1	20
71	In Vitro Models for the Study of the Intracellular Activity of Antibiotics. Methods in Molecular Biology, 2016, 1333, 147-157.	0.4	12
72	Molecular Analysis of Rising Fluoroquinolone Resistance in Belgian Non-Invasive Streptococcus pneumoniae Isolates (1995-2014). PLoS ONE, 2016, 11, e0154816.	1.1	11

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73	Preliminary evidences of the direct and indirect antimicrobial activity of 12 plants used in traditional medicine in Africa. Phytochemistry Reviews, 2015, 14, 975-991.	3.1	8
74	Activities of Antibiotic Combinations against Resistant Strains of Pseudomonas aeruginosa in a Model of Infected THP-1 Monocytes. Antimicrobial Agents and Chemotherapy, 2015, 59, 258-268.	1.4	17
75	Thrice-weekly temocillin administered after each dialysis session is appropriate for the treatment of serious Gram-negative infections in haemodialysis patients. International Journal of Antimicrobial Agents, 2015, 46, 660-665.	1.1	5
76	Avibactam confers susceptibility to a large proportion of ceftazidime-resistantPseudomonas aeruginosaisolates recovered from cystic fibrosis patients. Journal of Antimicrobial Chemotherapy, 2015, 70, 1596-1598.	1.3	27
77	Modulation of the activity of moxifloxacin and solithromycin in an in vitro pharmacodynamic model of Streptococcus pneumoniae naive and induced biofilms. Journal of Antimicrobial Chemotherapy, 2015, 70, 1713-26.	1.3	4
78	Validation of a HPLC-MS/MS assay for the determination of total and unbound concentration of temocillin in human serum. Clinical Biochemistry, 2015, 48, 542-545.	0.8	12
79	RX-P873, a Novel Protein Synthesis Inhibitor, Accumulates in Human THP-1 Monocytes and Is Active against Intracellular Infections by Gram-Positive (Staphylococcus aureus) and Gram-Negative (Pseudomonas aeruginosa) Bacteria. Antimicrobial Agents and Chemotherapy, 2015, 59, 4750-4758.	1.4	1
80	Delafloxacin, a non-zwitterionic fluoroquinolone in Phase III of clinical development: evaluation of its pharmacology, pharmacokinetics, pharmacodynamics and clinical efficacy. Future Microbiology, 2015, 10, 1111-1123.	1.0	63
81	Reviving old antibiotics. Journal of Antimicrobial Chemotherapy, 2015, 70, 2177-2181.	1.3	79
82	Correlation between cytotoxicity induced byPseudomonas aeruginosaclinical isolates from acute infections and IL-1Î² secretion in a model of human THP-1 monocytes. Pathogens and Disease, 2015, 73, ftv049.	0.8	16
83	Cellular Pharmacokinetics and Intracellular Activity of the Novel Peptide Deformylase Inhibitor GSK1322322 against Staphylococcus aureus Laboratory and Clinical Strains with Various Resistance Phenotypes: Studies with Human THP-1 Monocytes and J774 Murine Macrophages. Antimicrobial Agents and Chemotherapy, 2015, 59, 5747-5760.	1.4	16
84	Lipoglycopeptide Antibacterial Agents in Gram-Positive Infections: A Comparative Review. Drugs, 2015, 75, 2073-2095.	4.9	61
85	Modelled target attainment after meropenem infusion in patients with severe nosocomial pneumonia: the PROMESSE study. Journal of Antimicrobial Chemotherapy, 2015, 70, 207-216.	1.3	55
86	Antibiotic Activity against Naive and Induced Streptococcus pneumoniae Biofilms in an In Vitro Pharmacodynamic Model. Antimicrobial Agents and Chemotherapy, 2014, 58, 1348-1358.	1.4	18
87	Renaissance of antibiotics against difficult infections: Focus on oritavancin and new ketolides and quinolones. Annals of Medicine, 2014, 46, 512-529.	1.5	28
88	Study of Macrophage Functions in Murine J774 Cells and Human Activated THP-1 Cells Exposed to Oritavancin, a Lipoglycopeptide with High Cellular Accumulation. Antimicrobial Agents and Chemotherapy, 2014, 58, 2059-2066.	1.4	19
89	Macrolides and Ketolides. , 2014, , 257-278.		3
90	Development and validation of a high performance liquid chromatography assay for the determination of temocillin in serum of haemodialysis patients. Journal of Pharmaceutical and Biomedical Analysis, 2014, 90, 192-197.	1.4	11

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91	Characterisation of a collection of Streptococcus pneumoniae isolates from patients suffering from acute exacerbations of chronic bronchitis: In vitro susceptibility to antibiotics and biofilm formation in relation to antibiotic efflux and serotypes/serogroups. International Journal of Antimicrobial Agents, 2014, 44, 209-217.	1.1	10
92	Comparison of the Antibiotic Activities of Daptomycin, Vancomycin, and the Investigational Fluoroquinolone Delafloxacin against Biofilms from Staphylococcus aureus Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2014, 58, 6385-6397.	1.4	88
93	New Amphiphilic Neamine Derivatives Active against Resistant Pseudomonas aeruginosa and Their Interactions with Lipopolysaccharides. Antimicrobial Agents and Chemotherapy, 2014, 58, 4420-4430.	1.4	52
94	Pharmacological Characterization of 7-(4-(Piperazin-1-yl)) Ciprofloxacin Derivatives: Antibacterial Activity, Cellular Accumulation, Susceptibility to Efflux Transporters, and Intracellular Activity. Pharmaceutical Research, 2014, 31, 1290-1301.	1.7	20
95	2-Aminobenzothiazole derivatives: Search for new antifungal agents. European Journal of Medicinal Chemistry, 2013, 64, 357-364.	2.6	75
96	Antibiotic activity against small-colony variants of Staphylococcus aureus: review of in vitro, animal and clinical data. Journal of Antimicrobial Chemotherapy, 2013, 68, 1455-1464.	1.3	154
97	Activity of ceftaroline against extracellular (broth) and intracellular (THP-1 monocytes) forms of methicillin-resistant Staphylococcus aureus: comparison with vancomycin, linezolid and daptomycin. Journal of Antimicrobial Chemotherapy, 2013, 68, 648-658.	1.3	16
98	A Combined Pharmacodynamic Quantitative and Qualitative Model Reveals the Potent Activity of Daptomycin and Delafloxacin against Staphylococcus aureus Biofilms. Antimicrobial Agents and Chemotherapy, 2013, 57, 2726-2737.	1.4	114
99	Pharmacodynamic Evaluation of the Intracellular Activity of Antibiotics towards Pseudomonas aeruginosa PAO1 in a Model of THP-1 Human Monocytes. Antimicrobial Agents and Chemotherapy, 2013, 57, 2310-2318.	1.4	49
100	Analysis of the Membrane Proteome of Ciprofloxacin-Resistant Macrophages by Stable Isotope Labeling with Amino Acids in Cell Culture (SILAC). PLoS ONE, 2013, 8, e58285.	1.1	8
101	Increased Susceptibility of Pseudomonas aeruginosa to Macrolides and Ketolides in Eukaryotic Cell Culture Media and Biological Fluids Due to Decreased Expression of oprM and Increased Outer-Membrane Permeability. Clinical Infectious Diseases, 2012, 55, 534-542.	2.9	90
102	Macrophage Killing of Bacterial and Fungal Pathogens Is Not Inhibited by Intense Intracellular Accumulation of the Lipoglycopeptide Antibiotic Oritavancin. Clinical Infectious Diseases, 2012, 54, S229-S232.	2.9	21
103	Influence of the Protein Kinase C Activator Phorbol Myristate Acetate on the Intracellular Activity of Antibiotics against Hemin- and Menadione-Auxotrophic Small-Colony Variant Mutants of Staphylococcus aureus and Their Wild-Type Parental Strain in Human THP-1 Cells. Antimicrobial Agents and Chemotherapy, 2012, 56, 6166-6174.	1.4	13
104	Role of MexAB-OprM in intrinsic resistance of Pseudomonas aeruginosa to temocillin and impact on the susceptibility of strains isolated from patients suffering from cystic fibrosis. Journal of Antimicrobial Chemotherapy, 2012, 67, 771-775.	1.3	16
105	Pharmacodynamic Evaluation of the Activity of Antibiotics against Hemin- and Menadione-Dependent Small-Colony Variants of Staphylococcus aureus in Models of Extracellular (Broth) and Intracellular (THP-1 Monocytes) Infections. Antimicrobial Agents and Chemotherapy, 2012, 56, 3700-3711.	1.4	36
106	Intracellular forms of menadione-dependent small-colony variants of methicillin-resistant Staphylococcus aureus are hypersusceptible to Â-lactams in a THP-1 cell model due to cooperation between vacuolar acidic pH and oxidant species. Journal of Antimicrobial Chemotherapy, 2012, 67, 2873-2881.	1.3	15
107	Cellular pharmacokinetics and intracellular activity against Listeria monocytogenes and Staphylococcus aureus of chemically modified and nanoencapsulated gentamicin. Journal of Antimicrobial Chemotherapy, 2012, 67, 2158-2164.	1.3	30
108	Antimicrobial susceptibility of Streptococcus pneumoniae isolates from vaccinated and non-vaccinated patients with a clinically confirmed diagnosis of community-acquired pneumonia in Belgium. International Journal of Antimicrobial Agents, 2012, 39, 208-216.	1.1	8

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109	Activity of Fusidic Acid Against Extracellular and Intracellular Staphylococcus aureus: Influence of pH and Comparison With Linezolid and Clindamycin. Clinical Infectious Diseases, 2011, 52, S493-S503.	2.9	31
110	Activity of finafloxacin, a novel fluoroquinolone with increased activity at acid pH, towards extracellular and intracellular Staphylococcus aureus, Listeria monocytogenes and Legionella pneumophila. International Journal of Antimicrobial Agents, 2011, 38, 52-59.	1.1	52
111	Cellular accumulation of fluoroquinolones is not predictive of their intracellular activity: studies with gemifloxacin, moxifloxacin and ciprofloxacin in a pharmacokinetic/pharmacodynamic model of uninfected and infected macrophages. International Journal of Antimicrobial Agents, 2011, 38, 249-56.	1.1	34
112	Contrasting Effects of Acidic pH on the Extracellular and Intracellular Activities of the Anti-Gram-Positive Fluoroquinolones Moxifloxacin and Delafloxacin againstStaphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2011, 55, 649-658.	1.4	160
113	Editorial [Hot Topic: ABC Transporters: Role in Modulation of Drug Pharmacokinetics and in Physiopathology and Therapeutic Perspectives (Guest Editor: Francoise Van Bambeke)]. Current Drug Targets, 2011, 12, 598-599.	1.0	0
114	Modulation of the expression of ABC transporters in murine (J774) macrophages exposed to large concentrations of the fluoroquinolone antibiotic moxifloxacin. Toxicology, 2011, 290, 178-186.	2.0	9
115	Role of oxidative stress in lysosomal membrane permeabilization and apoptosis induced by gentamicin, an aminoglycoside antibiotic. Free Radical Biology and Medicine, 2011, 51, 1656-1665.	1.3	91
116	Intra- and Extracellular Activities of Dicloxacillin and Linezolid against a ClinicalStaphylococcus aureusStrain with a Small-Colony-Variant Phenotype in anIn VitroModel of THP-1 Macrophages and anIn VivoMouse Peritonitis Model. Antimicrobial Agents and Chemotherapy, 2011, 55, 1443-1452.	1.4	19
117	Fluoroquinolones induce the expression of patA and patB, which encode ABC efflux pumps in Streptococcus pneumoniae. Journal of Antimicrobial Chemotherapy, 2011, 66, 1414-1415.	1.3	0
118	Activity of moxifloxacin against intracellular community-acquired methicillin-resistant Staphylococcus aureus: comparison with clindamycin, linezolid and co-trimoxazole and attempt at defining an intracellular susceptibility breakpoint. Journal of Antimicrobial Chemotherapy, 2011, 66, 596-607.	1.3	32
119	Efflux of novel quinolones in contemporary Streptococcus pneumoniae isolates from community-acquired pneumonia. Journal of Antimicrobial Chemotherapy, 2011, 66, 948-951.	1.3	3
120	ABC Multidrug Transporters: Target for Modulation of Drug Pharmacokinetics and Drug-Drug Interactions. Current Drug Targets, 2011, 12, 600-620.	1.0	141
121	Characterization of Abcc4 Gene Amplification in Stepwise-Selected Mouse J774 Macrophages Resistant to the Topoisomerase II Inhibitor Ciprofloxacin. PLoS ONE, 2011, 6, e28368.	1.1	12
122	Cellular Pharmacokinetics of the Novel Biaryloxazolidinone Radezolid in Phagocytic Cells: Studies with Macrophages and Polymorphonuclear Neutrophils. Antimicrobial Agents and Chemotherapy, 2010, 54, 2540-2548.	1.4	73
123	Activity of quinupristin/dalfopristin against extracellular and intracellular Staphylococcus aureus with various resistance phenotypes. Journal of Antimicrobial Chemotherapy, 2010, 65, 1228-1236.	1.3	15
124	Intracellular activity of the peptide antibiotic NZ2114: studies with Staphylococcus aureus and human THP-1 monocytes, and comparison with daptomycin and vancomycin. Journal of Antimicrobial Chemotherapy, 2010, 65, 1720-1724.	1.3	41
125	Cellular Pharmacodynamics of the Novel Biaryloxazolidinone Radezolid: Studies with Infected Phagocytic and Nonphagocytic cells, UsingStaphylococcus aureus,Staphylococcus epidermidis,Listeria monocytogenes, andLegionella pneumophila. Antimicrobial Agents and Chemotherapy, 2010, 54, 2549-2559.	1.4	58
126	Intra- and extracellular activity of linezolid against Staphylococcus aureus in vivo and in vitro. Journal of Antimicrobial Chemotherapy, 2010, 65, 962-973.	1.3	24

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127	Intra- and Extracellular Activities of Dicloxacillin against Staphylococcus aureus In Vivo and In Vitro. Antimicrobial Agents and Chemotherapy, 2010, 54, 2391-2400.	1.4	21
128	In vivo development of antimicrobial resistance in Pseudomonas aeruginosa strains isolated from the lower respiratory tract of Intensive Care Unit patients with nosocomial pneumonia and receiving antipseudomonal therapy. International Journal of Antimicrobial Agents, 2010, 36, 513-522.	1.1	72
129	Fluoroquinolones induce the expression of patA and patB, which encode ABC efflux pumps in Streptococcus pneumoniae. Journal of Antimicrobial Chemotherapy, 2010, 65, 2076-2082.	1.3	50
130	Dynamics and Structural Changes Induced by ATP Binding in SAV1866, a Bacterial ABC Exporter. Journal of Physical Chemistry B, 2010, 114, 15948-15957.	1.2	43
131	Interactions of oritavancin, a new semi-synthetic lipoglycopeptide, with lipids extracted from Staphylococcus aureus. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1876-1885.	1.4	26
132	Mechanisms of action. , 2010, , 1288-1307.		0
133	Cellular pharmacokinetics and intracellular activity of torezolid (TR-700): studies with human macrophage (THP-1) and endothelial (HUVEC) cell lines. Journal of Antimicrobial Chemotherapy, 2009, 64, 1035-1043.	1.3	59
134	Plectasin Shows Intracellular Activity against Staphylococcus aureus in Human THP-1 Monocytes and in a Mouse Peritonitis Model. Antimicrobial Agents and Chemotherapy, 2009, 53, 4801-4808.	1.4	59
135	Activities of Ceftobiprole and Other Cephalosporins against Extracellular and Intracellular (THP-1) Tj ETQq1 1 0.784314 rgBT /Overloc Methicillin-ResistantStaphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2009, 53, 2289-2297.	1.4	41
136	Identification of the Efflux Transporter of the Fluoroquinolone Antibiotic Ciprofloxacin in Murine Macrophages: Studies with Ciprofloxacin-Resistant Cells. Antimicrobial Agents and Chemotherapy, 2009, 53, 2410-2416.	1.4	26
137	DD-Ligases as a Potential Target for Antibiotics: Past, Present and Future. Current Medicinal Chemistry, 2009, 16, 2566-2580.	1.2	27
138	Cellular Accumulation and Pharmacodynamic Evaluation of the Intracellular Activity of CEM-101, a Novel Fluoroketolide, againstStaphylococcus aureus,Listeria monocytogenes, andLegionella pneumophilain Human THP-1 Macrophages. Antimicrobial Agents and Chemotherapy, 2009, 53, 3734-3743.	1.4	53
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