

Françoise Van Bambeke

List of Publications by Year in descending order

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Version: 2024-02-01

222
papers

9,665
citations

30070

54
h-index

53230

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. <i>Microbiology Spectrum</i> , 2022, 10, e0258921. | 3.0 | 5 |
| 2 | Host Cell Oxidative Stress Induces Dormant <i>Staphylococcus aureus</i> Persisters. <i>Microbiology Spectrum</i> , 2022, 10, e0231321. | 3.0 | 24 |
| 3 | Pharmacodynamics of Moxifloxacin, Meropenem, Caspofungin, and Their Combinations against <i>In Vitro</i> Polymicrobial Interkingdom Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0214921. | 3.2 | 4 |
| 4 | Role of Efflux in Antibiotic Resistance of <i>Achromobacter xylosoxidans</i> and <i>Achromobacter insuavis</i> Isolates From Patients With Cystic Fibrosis. <i>Frontiers in Microbiology</i> , 2022, 13, 762307. | 3.5 | 9 |
| 5 | Antibiotic Usage in Patients Having Undergone Caesarean Section: A Three-Level Study in Benin. <i>Antibiotics</i> , 2022, 11, 617. | 3.7 | 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. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114496. | 5.5 | 5 |
| 7 | Healthcare Professionals' Knowledge and Beliefs on Antibiotic Prophylaxis in Cesarean Section: A Mixed-Methods Study in Benin. <i>Antibiotics</i> , 2022, 11, 872. | 3.7 | 2 |
| 8 | Population Pharmacokinetics of Temocillin Administered by Continuous Infusion in Patients with Septic Shock Associated with Intra-Abdominal Infection and Ascitic Fluid Effusion. <i>Antibiotics</i> , 2022, 11, 898. | 3.7 | 4 |
| 9 | The Polyaminoisoprenyl Potentiator NV716 Revives Old Disused Antibiotics against Intracellular Forms of Infection by <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, . | 3.2 | 9 |
| 10 | First detection of a plasmid-encoded New-Delhi metallo-beta-lactamase-1 (NDM-1) producing <i>Acinetobacter baumannii</i> using whole genome sequencing, isolated in a clinical setting in Benin. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2021, 20, 5. | 3.8 | 6 |
| 11 | <i>In Vitro</i> Models for the Study of the Intracellular Activity of Antibiotics. <i>Methods in Molecular Biology</i> , 2021, 2357, 239-251. | 0.9 | 2 |
| 12 | <i>In Vitro</i> Study of the Synergistic Effect of an Enzyme Cocktail and Antibiotics against Biofilms in a Prosthetic Joint Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, . | 3.2 | 7 |
| 13 | Population Pharmacokinetics and Dose Optimization of Ceftazidime and Imipenem in Patients with Acute Exacerbations of Chronic Obstructive Pulmonary Disease. <i>Pharmaceutics</i> , 2021, 13, 456. | 4.5 | 1 |
| 14 | Antimicrobial potentials of essential oils extracted from West African aromatic plants on common skin infections. <i>Scientific African</i> , 2021, 11, e00706. | 1.5 | 6 |
| 15 | Clinical Use and Adverse Drug Reactions of Linezolid: A Retrospective Study in Four Belgian Hospital Centers. <i>Antibiotics</i> , 2021, 10, 530. | 3.7 | 20 |
| 16 | <i>In vitro</i> polymicrobial inter-kingdom three-species biofilm model: influence of hyphae on biofilm formation and bacterial physiology. <i>Biofouling</i> , 2021, 37, 481-493. | 2.2 | 5 |
| 17 | Intracellular Activity of Antibiotics against <i>Coxiella burnetii</i> in a Model of Activated Human THP-1 Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0106121. | 3.2 | 7 |
| 18 | Uropathogenic <i>Escherichia coli</i> Shows Antibiotic Tolerance and Growth Heterogeneity in an <i>In Vitro</i> Model of Intracellular Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0146821. | 3.2 | 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. <i>Frontiers in Microbiology</i> , 2021, 12, 785573. | 3.5 | 5 |
| 20 | Comparative in vitro antimicrobial potency, stability, colouration and dissolution time of generics versus innovator of meropenem in Europe. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105825. | 2.5 | 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. <i>Microbial Drug Resistance</i> , 2020, 26, 537-544. | 2.0 | 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. <i>Clinical Microbiology and Infection</i> , 2020, 26, 1254.e1-1254.e8. | 6.0 | 14 |
| 23 | Cellular pharmacokinetics and intracellular activity of the bacterial fatty acid synthesis inhibitor, afabacin desphosphono against different resistance phenotypes of Staphylococcus aureus in models of cultured phagocytic cells. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105848. | 2.5 | 6 |
| 24 | Synergistic Effects of Pulsed Lavage and Antimicrobial Therapy Against Staphylococcus aureus Biofilms in an in-vitro Model. <i>Frontiers in Medicine</i> , 2020, 7, 527. | 2.6 | 8 |
| 25 | Antimicrobial resistance in hospitalized surgical patients: a silently emerging public health concern in Benin. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2020, 19, 54. | 3.8 | 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. <i>Clinical Microbiology and Infection</i> , 2020, 26, 1630-1635. | 6.0 | 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. <i>Frontiers in Microbiology</i> , 2020, 11, 587364. | 3.5 | 11 |
| 29 | Intracellular Staphylococcus aureus persists upon antibiotic exposure. <i>Nature Communications</i> , 2020, 11, 2200. | 12.8 | 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. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2650-2656. | 3.0 | 9 |
| 31 | Increased Azithromycin Susceptibility of Multidrug-Resistant Gram-Negative Bacteria on RPMI-1640 Agar Assessed by Disk Diffusion Testing. <i>Antibiotics</i> , 2020, 9, 218. | 3.7 | 17 |
| 32 | Activity of Antibiotics against Pseudomonas aeruginosa in an <i>In Vitro</i> Model of Biofilms in the Context of Cystic Fibrosis: Influence of the Culture Medium. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 3.2 | 18 |
| 33 | Pharmacomodulations of the benzoyl-thiosemicarbazide scaffold reveal antimicrobial agents targeting d-alanyl-d-alanine ligase in bacterio. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112444. | 5.5 | 20 |
| 34 | Artemisia Spp. Derivatives for COVID-19 Treatment: Anecdotal Use, Political Hype, Treatment Potential, Challenges, and Road Map to Randomized Clinical Trials. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 960-964. | 1.4 | 34 |
| 35 | Prolonged inhibition and incomplete recovery of mitochondrial function in oxazolidinone-treated megakaryoblastic cell lines. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 661-667. | 2.5 | 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. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 702-708. | 2.5 | 16 |

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|----|--|-----|-----------|
| 37 | Activity of Antibiotics against <i>Staphylococcus aureus</i> in an <i>In Vitro</i> Model of Biofilms in the Context of Cystic Fibrosis: Influence of the Culture Medium. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, . | 3.2 | 20 |
| 38 | Profile of a Novel Anionic Fluoroquinolone—Delafloxacin. <i>Clinical Infectious Diseases</i> , 2019, 68, S213-S222. | 5.8 | 44 |
| 39 | Investigation of unbound colistin A and B in clinical samples using a mass spectrometry method. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 330-336. | 2.5 | 3 |
| 40 | Temocillin plasma and pancreatic tissue concentrations in a critically ill patient with septic shock. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1459-1461. | 3.0 | 2 |
| 41 | Natural and hemi-synthetic pentacyclic triterpenes as antimicrobials and resistance modifying agents against <i>Staphylococcus aureus</i> : a review. <i>Phytochemistry Reviews</i> , 2018, 17, 1129-1163. | 6.5 | 52 |
| 42 | Should standardized susceptibility testing for microbial biofilms be introduced in clinical practice?. <i>Clinical Microbiology and Infection</i> , 2018, 24, 570-572. | 6.0 | 54 |
| 43 | Cellular Pharmacokinetics and Intracellular Activity of Gepotidacin against <i>Staphylococcus aureus</i> Isolates with Different Resistance Phenotypes in Models of Cultured Phagocytic Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 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. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 21 |
| 45 | Activities of Combinations of Antistaphylococcal Antibiotics with Fusidic Acid against Staphylococcal Biofilms in <i>In Vitro</i> Static and Dynamic Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 19 |
| 46 | Temocillin dosing in haemodialysis patients based on population pharmacokinetics of total and unbound concentrations and Monte Carlo simulations. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1630-1638. | 3.0 | 4 |
| 47 | 1-(2-Hydroxybenzoyl)-thiosemicarbazides are promising antimicrobial agents targeting d-alanine-d-alanine ligase in bacterio. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 324-338. | 5.5 | 20 |
| 48 | Great phenotypic and genetic variation among successive chronic <i>Pseudomonas aeruginosa</i> from a cystic fibrosis patient. <i>PLoS ONE</i> , 2018, 13, e0204167. | 2.5 | 24 |
| 49 | Loss of activity of ceftazidime-avibactam due to MexAB-OprM efflux and overproduction of AmpC cephalosporinase in <i>Pseudomonas aeruginosa</i> isolated from patients suffering from cystic fibrosis. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 697-701. | 2.5 | 47 |
| 50 | Anidulafungin increases the antibacterial activity of tigecycline in polymicrobial <i>Candida albicans</i> / <i>Staphylococcus aureus</i> biofilms on intraperitoneally implanted foreign bodies. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2806-2814. | 3.0 | 23 |
| 51 | The Putative De-N-acetylase DnpA Contributes to Intracellular and Biofilm-Associated Persistence of <i>Pseudomonas aeruginosa</i> Exposed to Fluoroquinolones. <i>Frontiers in Microbiology</i> , 2018, 9, 1455. | 3.5 | 6 |
| 52 | Mechanisms of intrinsic resistance and acquired susceptibility of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients to temocillin, a revived antibiotic. <i>Scientific Reports</i> , 2017, 7, 40208. | 3.3 | 34 |
| 53 | Salicylidene Acylhydrazides and Hydroxyquinolines Act as Inhibitors of Type Three Secretion Systems in <i>Pseudomonas aeruginosa</i> by Distinct Mechanisms. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 3.2 | 33 |
| 54 | Acquired resistance to macrolides in <i>Pseudomonas aeruginosa</i> from cystic fibrosis patients. <i>European Respiratory Journal</i> , 2017, 49, 1601847. | 6.7 | 42 |

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|----|--|------|-----------|
| 55 | Optimizing β -lactams treatment in critically-ill patients using pharmacokinetics/pharmacodynamics targets: are first conventional doses effective?. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 677-688. | 4.4 | 77 |
| 56 | Pharmacodynamics of ceftazidime/avibactam against extracellular and intracellular forms of <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw587. | 3.0 | 5 |
| 57 | Determining β -lactam exposure threshold to suppress resistance development in Gram-negative bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1421-1428. | 3.0 | 72 |
| 58 | Mechanisms of Action. , 2017, , 1162-1180.e1. | | 30 |
| 59 | Synergy between Ursolic and Oleanolic Acids from <i>Vitellaria paradoxa</i> Leaf Extract and β -Lactams against Methicillin-Resistant <i>Staphylococcus aureus</i> : In Vitro and In Vivo Activity and Underlying Mechanisms. <i>Molecules</i> , 2017, 22, 2245. | 3.8 | 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. <i>Frontiers in Microbiology</i> , 2017, 8, 2585. | 3.5 | 9 |
| 61 | Synergistic activity between an antimicrobial polyacrylamide and daptomycin versus <i>Staphylococcus aureus</i> biofilm. <i>Pathogens and Disease</i> , 2016, 74, ftw042. | 2.0 | 10 |
| 62 | Antimicrobial Susceptibility of <i>Pseudomonas aeruginosa</i> Isolated from Cystic Fibrosis Patients in Northern Europe. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6735-6741. | 3.2 | 43 |
| 63 | Inhibition of the Injectisome and Flagellar Type III Secretion Systems by INP1855 Impairs <i>Pseudomonas aeruginosa</i> Pathogenicity and Inflammation Activation. <i>Journal of Infectious Diseases</i> , 2016, 214, 1105-1116. | 4.0 | 26 |
| 64 | The antifungal caspofungin increases fluoroquinolone activity against <i>Staphylococcus aureus</i> biofilms by inhibiting N-acetylglucosamine transferase. <i>Nature Communications</i> , 2016, 7, 13286. | 12.8 | 41 |
| 65 | High-level resistance to meropenem in clinical isolates of <i>Pseudomonas aeruginosa</i> in the absence of carbapenemases: role of active efflux and porin alterations. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 740-743. | 2.5 | 55 |
| 66 | Modulating antibiotic activity towards respiratory bacterial pathogens by co-medications: a multi-target approach. <i>Drug Discovery Today</i> , 2016, 21, 1114-1129. | 6.4 | 12 |
| 67 | Targeting the Type Three Secretion System in <i>Pseudomonas aeruginosa</i> . <i>Trends in Pharmacological Sciences</i> , 2016, 37, 734-749. | 8.7 | 97 |
| 68 | The role of solithromycin in the management of bacterial community-acquired pneumonia. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 311-324. | 4.4 | 17 |
| 69 | Editorial Commentary: Colistin and a New Paradigm in Drug Development. <i>Clinical Infectious Diseases</i> , 2016, 62, 559-560. | 5.8 | 3 |
| 70 | Increase of efflux-mediated resistance in <i>Pseudomonas aeruginosa</i> during antibiotic treatment in patients suffering from nosocomial pneumonia. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 77-83. | 2.5 | 20 |
| 71 | In Vitro Models for the Study of the Intracellular Activity of Antibiotics. <i>Methods in Molecular Biology</i> , 2016, 1333, 147-157. | 0.9 | 12 |
| 72 | Molecular Analysis of Rising Fluoroquinolone Resistance in Belgian Non-Invasive <i>Streptococcus pneumoniae</i> Isolates (1995-2014). <i>PLoS ONE</i> , 2016, 11, e0154816. | 2.5 | 11 |

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|----|---|------|-----------|
| 73 | Preliminary evidences of the direct and indirect antimicrobial activity of 12 plants used in traditional medicine in Africa. <i>Phytochemistry Reviews</i> , 2015, 14, 975-991. | 6.5 | 8 |
| 74 | Activities of Antibiotic Combinations against Resistant Strains of <i>Pseudomonas aeruginosa</i> in a Model of Infected THP-1 Monocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 258-268. | 3.2 | 17 |
| 75 | Thrice-weekly temocillin administered after each dialysis session is appropriate for the treatment of serious Gram-negative infections in haemodialysis patients. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 660-665. | 2.5 | 5 |
| 76 | Avibactam confers susceptibility to a large proportion of ceftazidime-resistant <i>Pseudomonas aeruginosa</i> isolates recovered from cystic fibrosis patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1596-1598. | 3.0 | 27 |
| 77 | Modulation of the activity of moxifloxacin and solithromycin in an in vitro pharmacodynamic model of <i>Streptococcus pneumoniae</i> naive and induced biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1713-26. | 3.0 | 4 |
| 78 | Validation of a HPLC-MS/MS assay for the determination of total and unbound concentration of temocillin in human serum. <i>Clinical Biochemistry</i> , 2015, 48, 542-545. | 1.9 | 12 |
| 79 | RX-P873, a Novel Protein Synthesis Inhibitor, Accumulates in Human THP-1 Monocytes and Is Active against Intracellular Infections by Gram-Positive (<i>Staphylococcus aureus</i>) and Gram-Negative (<i>Pseudomonas aeruginosa</i>) Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4750-4758. | 3.2 | 1 |
| 80 | Delafloxacin, a non-zwitterionic fluoroquinolone in Phase III of clinical development: evaluation of its pharmacology, pharmacokinetics, pharmacodynamics and clinical efficacy. <i>Future Microbiology</i> , 2015, 10, 1111-1123. | 2.0 | 63 |
| 81 | Reviving old antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2177-2181. | 3.0 | 79 |
| 82 | Correlation between cytotoxicity induced by <i>Pseudomonas aeruginosa</i> clinical isolates from acute infections and IL-1 β secretion in a model of human THP-1 monocytes. <i>Pathogens and Disease</i> , 2015, 73, ftv049. | 2.0 | 16 |
| 83 | Cellular Pharmacokinetics and Intracellular Activity of the Novel Peptide Deformylase Inhibitor GSK1322322 against <i>Staphylococcus aureus</i> Laboratory and Clinical Strains with Various Resistance Phenotypes: Studies with Human THP-1 Monocytes and J774 Murine Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5747-5760. | 3.2 | 16 |
| 84 | Lipoglycopeptide Antibacterial Agents in Gram-Positive Infections: A Comparative Review. <i>Drugs</i> , 2015, 75, 2073-2095. | 10.9 | 61 |
| 85 | Modelled target attainment after meropenem infusion in patients with severe nosocomial pneumonia: the PROMESSE study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 207-216. | 3.0 | 55 |
| 86 | Antibiotic Activity against Naive and Induced <i>Streptococcus pneumoniae</i> Biofilms in an In Vitro Pharmacodynamic Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1348-1358. | 3.2 | 18 |
| 87 | Renaissance of antibiotics against difficult infections: Focus on oritavancin and new ketolides and quinolones. <i>Annals of Medicine</i> , 2014, 46, 512-529. | 3.8 | 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. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2059-2066. | 3.2 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 90, 192-197. | 2.8 | 11 |

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|-----|--|-----|-----------|
| 91 | Characterisation of a collection of <i>Streptococcus pneumoniae</i> 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. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 209-217. | 2.5 | 10 |
| 92 | Comparison of the Antibiotic Activities of Daptomycin, Vancomycin, and the Investigational Fluoroquinolone Delafloxacin against Biofilms from <i>Staphylococcus aureus</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6385-6397. | 3.2 | 88 |
| 93 | New Amphiphilic Neamine Derivatives Active against Resistant <i>Pseudomonas aeruginosa</i> and Their Interactions with Lipopolysaccharides. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4420-4430. | 3.2 | 52 |
| 94 | Pharmacological Characterization of 7-(4-(Piperazin-1-yl)) Ciprofloxacin Derivatives: Antibacterial Activity, Cellular Accumulation, Susceptibility to Efflux Transporters, and Intracellular Activity. <i>Pharmaceutical Research</i> , 2014, 31, 1290-1301. | 3.5 | 20 |
| 95 | 2-Aminobenzothiazole derivatives: Search for new antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 357-364. | 5.5 | 75 |
| 96 | Antibiotic activity against small-colony variants of <i>Staphylococcus aureus</i> : review of in vitro, animal and clinical data. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1455-1464. | 3.0 | 154 |
| 97 | Activity of ceftaroline against extracellular (broth) and intracellular (THP-1 monocytes) forms of methicillin-resistant <i>Staphylococcus aureus</i> : comparison with vancomycin, linezolid and daptomycin. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 648-658. | 3.0 | 16 |
| 98 | A Combined Pharmacodynamic Quantitative and Qualitative Model Reveals the Potent Activity of Daptomycin and Delafloxacin against <i>Staphylococcus aureus</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2726-2737. | 3.2 | 114 |
| 99 | Pharmacodynamic Evaluation of the Intracellular Activity of Antibiotics towards <i>Pseudomonas aeruginosa</i> PAO1 in a Model of THP-1 Human Monocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2310-2318. | 3.2 | 49 |
| 100 | Analysis of the Membrane Proteome of Ciprofloxacin-Resistant Macrophages by Stable Isotope Labeling with Amino Acids in Cell Culture (SILAC). <i>PLoS ONE</i> , 2013, 8, e58285. | 2.5 | 8 |
| 101 | Increased Susceptibility of <i>Pseudomonas aeruginosa</i> to Macrolides and Ketolides in Eukaryotic Cell Culture Media and Biological Fluids Due to Decreased Expression of oprM and Increased Outer-Membrane Permeability. <i>Clinical Infectious Diseases</i> , 2012, 55, 534-542. | 5.8 | 90 |
| 102 | Macrophage Killing of Bacterial and Fungal Pathogens Is Not Inhibited by Intense Intracellular Accumulation of the Lipoglycopeptide Antibiotic Oritavancin. <i>Clinical Infectious Diseases</i> , 2012, 54, S229-S232. | 5.8 | 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 <i>Staphylococcus aureus</i> and Their Wild-Type Parental Strain in Human THP-1 Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6166-6174. | 3.2 | 13 |
| 104 | Role of MexAB-OprM in intrinsic resistance of <i>Pseudomonas aeruginosa</i> to temocillin and impact on the susceptibility of strains isolated from patients suffering from cystic fibrosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 771-775. | 3.0 | 16 |
| 105 | Pharmacodynamic Evaluation of the Activity of Antibiotics against Hemin- and Menadione-Dependent Small-Colony Variants of <i>Staphylococcus aureus</i> in Models of Extracellular (Broth) and Intracellular (THP-1 Monocytes) Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3700-3711. | 3.2 | 36 |
| 106 | Intracellular forms of menadione-dependent small-colony variants of methicillin-resistant <i>Staphylococcus aureus</i> are hypersusceptible to β -lactams in a THP-1 cell model due to cooperation between vacuolar acidic pH and oxidant species. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2873-2881. | 3.0 | 15 |
| 107 | Cellular pharmacokinetics and intracellular activity against <i>Listeria monocytogenes</i> and <i>Staphylococcus aureus</i> of chemically modified and nanoencapsulated gentamicin. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2158-2164. | 3.0 | 30 |
| 108 | Antimicrobial susceptibility of <i>Streptococcus pneumoniae</i> isolates from vaccinated and non-vaccinated patients with a clinically confirmed diagnosis of community-acquired pneumonia in Belgium. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 208-216. | 2.5 | 8 |

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|-----|---|-----|-----------|
| 109 | Activity of Fusidic Acid Against Extracellular and Intracellular <i>Staphylococcus aureus</i> : Influence of pH and Comparison With Linezolid and Clindamycin. <i>Clinical Infectious Diseases</i> , 2011, 52, S493-S503. | 5.8 | 31 |
| 110 | Activity of finafloxacin, a novel fluoroquinolone with increased activity at acid pH, towards extracellular and intracellular <i>Staphylococcus aureus</i> , <i>Listeria monocytogenes</i> and <i>Legionella pneumophila</i> . <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 52-59. | 2.5 | 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. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 249-56. | 2.5 | 34 |
| 112 | Contrasting Effects of Acidic pH on the Extracellular and Intracellular Activities of the Anti-Gram-Positive Fluoroquinolones Moxifloxacin and Delafloxacin against <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 649-658. | 3.2 | 160 |
| 113 | Editorial [Hot Topic: ABC Transporters: Role in Modulation of Drug Pharmacokinetics and in Physiopathology and Therapeutic Perspectives (Guest Editor: Françoise Van Bambeke)]. <i>Current Drug Targets</i> , 2011, 12, 598-599. | 2.1 | 0 |
| 114 | Modulation of the expression of ABC transporters in murine (J774) macrophages exposed to large concentrations of the fluoroquinolone antibiotic moxifloxacin. <i>Toxicology</i> , 2011, 290, 178-186. | 4.2 | 9 |
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