

Paul M Tulkens

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193
papers

11,966
citations

54
h-index

104
g-index

199
ext. papers

13,114
ext. citations

6.5
avg, IF

6.07
L-index

#	Paper	IF	Citations
193	Clinical Use and Adverse Drug Reactions of Linezolid: A Retrospective Study in Four Belgian Hospital Centers. <i>Antibiotics</i> , 2021 , 10,	4.9	3
192	In Vitro Models for the Study of the Intracellular Activity of Antibiotics. <i>Methods in Molecular Biology</i> , 2021 , 2357, 239-251	1.4	1
191	Uropathogenic Escherichia coli Shows Antibiotic Tolerance and Growth Heterogeneity in an Model of Intracellular Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0146821	5.9	0
190	Current and future options for treating complicated skin and soft tissue infections: focus on fluoroquinolones and long-acting lipoglycopeptide antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, iv9-iv22	5.1	0
189	Activity of Moxifloxacin Against Biofilms Formed by Clinical Isolates of Differing by Their Resistant or Persister Character to Fluoroquinolones.. <i>Frontiers in Microbiology</i> , 2021 , 12, 785573	5.7	0
188	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	14.3	2
187	Antibiotic Resistance, Biofilm Formation, and Intracellular Survival As Possible Determinants of Persistent or Recurrent Infections by in a Vietnamese Tertiary Hospital: Focus on Bacterial Response to Moxifloxacin. <i>Microbial Drug Resistance</i> , 2020 , 26, 537-544	2.9	10
186	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. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105848	14.3	4
185	The Persister Character of Clinical Isolates of Contributes to Faster Evolution to Resistance and Higher Survival in THP-1 Monocytes: A Study With Moxifloxacin. <i>Frontiers in Microbiology</i> , 2020 , 11, 587384	5.7	4
184	Profile of a Novel Anionic Fluoroquinolone-Delafloxacin. <i>Clinical Infectious Diseases</i> , 2019 , 68, S213-S222	11.6	25
183	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	14.3	2
182	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	14.3	8
181	Antiretroviral-induced adverse drug reactions in HIV-infected patients in Mali: a resource-limited setting experience. <i>International Journal of Basic and Clinical Pharmacology</i> , 2019 , 8, 831-836	1.6	3
180	Temocillin plasma and pancreatic tissue concentrations in a critically ill patient with septic shock. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1459-1461	5.1	1
179	Development of clinical pharmacy in Belgian hospitals through pilot projects funded by the government. <i>Acta Clinica Belgica</i> , 2019 , 74, 75-81	1.8	6
178	Cellular Pharmacokinetics and Intracellular Activity of Gepotidacin against Staphylococcus aureus Isolates with Different Resistance Phenotypes in Models of Cultured Phagocytic Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	10
177	Mitochondrial Alterations (Inhibition of Mitochondrial Protein Expression, Oxidative Metabolism, and Ultrastructure) Induced by Linezolid and Tedizolid at Clinically Relevant Concentrations in Cultured Human HL-60 Promyelocytes and THP-1 Monocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	16

176	Activities of Combinations of Antistaphylococcal Antibiotics with Fusidic Acid against Staphylococcal Biofilms in Static and Dynamic Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	13
175	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	5.1	2
174	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	14.3	27
173	The Putative De-acetylase DnpA Contributes to Intracellular and Biofilm-Associated Persistence of Exposed to Fluoroquinolones. <i>Frontiers in Microbiology</i> , 2018 , 9, 1455	5.7	4
172	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	4.9	26
171	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,	5.9	27
170	Acquired resistance to macrolides in from cystic fibrosis patients. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	28
169	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	5.5	45
168	Mechanisms of Action 2017 , 1162-1180.e1		19
167	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	5.9	33
166	Inhibition of the Injectisome and Flagellar Type III Secretion Systems by INP1855 Impairs <i>Pseudomonas aeruginosa</i> Pathogenicity and Inflammasome Activation. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1105-16	7	22
165	The antifungal caspofungin increases fluoroquinolone activity against <i>Staphylococcus aureus</i> biofilms by inhibiting N-acetylglucosamine transferase. <i>Nature Communications</i> , 2016 , 7, 13286	17.4	31
164	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	14.3	42
163	Modulating antibiotic activity towards respiratory bacterial pathogens by co-medications: a multi-target approach. <i>Drug Discovery Today</i> , 2016 , 21, 1114-29	8.8	10
162	The role of solithromycin in the management of bacterial community-acquired pneumonia. <i>Expert Review of Anti-Infective Therapy</i> , 2016 , 14, 311-24	5.5	14
161	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	14.3	17
160	In Vitro Models for the Study of the Intracellular Activity of Antibiotics. <i>Methods in Molecular Biology</i> , 2016 , 1333, 147-57	1.4	9
159	Molecular Analysis of Rising Fluoroquinolone Resistance in Belgian Non-Invasive <i>Streptococcus pneumoniae</i> Isolates (1995-2014). <i>PLoS ONE</i> , 2016 , 11, e0154816	3.7	8

158	Subcellular mechanisms involved in apoptosis induced by aminoglycoside antibiotics: Insights on p53, proteasome and endoplasmic reticulum. <i>Toxicology and Applied Pharmacology</i> , 2016 , 309, 24-36	4.6	10
157	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	5.1	3
156	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, 542-5	3.5	9
155	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, 4750-8	5.9	1
154	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,	4.2	15
153	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, 5717-20	5.9	13
152	Nonclinical and pharmacokinetic assessments to evaluate the potential of tedizolid and linezolid to affect mitochondrial function. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 178-85	5.9	66
151	Temocillin (6 g daily) in critically ill patients: continuous infusion versus three times daily administration. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 891-8	5.1	50
150	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, 258-68	5.9	14
149	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, 660-5	14.3	4
148	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, 1596-8	5.1	23
147	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, 192-7	3.5	9
146	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, 209-17	14.3	9
145	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, 6385-97	5.9	66
144	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, 1290-301	4.5	15
143	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, 1348-58	5.9	16
142	Tedizolid phosphate for the management of acute bacterial skin and skin structure infections: safety summary. <i>Clinical Infectious Diseases</i> , 2014 , 58 Suppl 1, S51-7	11.6	29
141	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, 2059-66	5.9	13

140	Implementation of a protocol for administration of vancomycin by continuous infusion: pharmacokinetic, pharmacodynamic and toxicological aspects. <i>International Journal of Antimicrobial Agents</i> , 2013 , 41, 439-46	14.3	32
139	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, 1455-64	5.1	126
138	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, 648-58	5.1	16
137	Stability and compatibility of vancomycin for administration by continuous infusion. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 1179-82	5.1	33
136	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, 2726-37	5.9	93
135	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, 2310-8	5.9	38
134	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	3.7	7
133	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, 2873-81	5.1	14
132	Novel polymyxin derivatives are less cytotoxic than polymyxin B to renal proximal tubular cells. <i>Peptides</i> , 2012 , 35, 248-52	3.8	34
131	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, 208-16	14.3	7
130	Moxifloxacin safety: an analysis of 14 years of clinical data. <i>Drugs in R and D</i> , 2012 , 12, 71-100	3.4	40
129	Continuous infusion of antibiotics in the critically ill: The new holy grail for beta-lactams and vancomycin?. <i>Annals of Intensive Care</i> , 2012 , 2, 22	8.9	33
128	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, 534-42	11.6	73
127	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 Suppl 3, S229-32	11.6	19
126	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, 6166-74	5.9	13
125	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, 771-5	5.1	13
124	Content Validity and Inter-Rater Reliability of an Instrument to Characterize Unintentional Medication Discrepancies. <i>Drugs and Aging</i> , 2012 , 29, 577-591	4.7	8
123	Adverse drug reactions to antiretroviral therapy: prospective study in children in sikasso (mali). <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2012 , 17, 382-8	1.6	6

122	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, 52-9	14.3	43
121	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	14.3	30
120	Long-term stability of temocillin in dextrose 5% and in sodium chloride 0.9% polyolefin bags at 5 °C after freeze-thaw treatment. <i>Annales Pharmaceutiques Francaises</i> , 2011 , 69, 296-301	1.3	5
119	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, 649-58	5.9	130
118	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, 178-86	4.4	9
117	Role of oxidative stress in lysosomal membrane permeabilization and apoptosis induced by gentamicin, an aminoglycoside antibiotic. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1656-65	7.8	67
116	Hepatic safety of antibiotics used in primary care. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1431-46	4.6	118
115	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 Suppl 7, S493-503	11.6	25
114	Intra- and extracellular activities of dicloxacillin and linezolid against a clinical <i>Staphylococcus aureus</i> strain with a small-colony-variant phenotype in an in vitro model of THP-1 macrophages and an in vivo mouse peritonitis model. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1443-52	5.9	18
113	Activity of moxifloxacin against intracellular community-acquired methicillin-resistant <i>Staphylococcus aureus</i> : comparison with clindamycin, linezolid and co-trimoxazole and attempt at defining an intracellular susceptibility breakpoint. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 596-607	5.1	29
112	Efflux of novel quinolones in contemporary <i>Streptococcus pneumoniae</i> isolates from community-acquired pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 948-51	5.1	3
111	Characterization of <i>Abcc4</i> gene amplification in stepwise-selected mouse J774 macrophages resistant to the topoisomerase II inhibitor ciprofloxacin. <i>PLoS ONE</i> , 2011 , 6, e28368	3.7	9
110	Cellular pharmacokinetics of the novel biaryloxazolidinone radezolid in phagocytic cells: studies with macrophages and polymorphonuclear neutrophils. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2540-8	5.9	55
109	Activity of quinupristin/dalfopristin against extracellular and intracellular <i>Staphylococcus aureus</i> with various resistance phenotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 1228-36	5.1	15
108	Intracellular activity of the peptide antibiotic NZ2114: studies with <i>Staphylococcus aureus</i> and human THP-1 monocytes, and comparison with daptomycin and vancomycin. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 1720-4	5.1	33
107	Long-term stability of temocillin in elastomeric pumps for outpatient antibiotic therapy in cystic fibrosis patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 2045-6	5.1	9
106	Cellular pharmacodynamics of the novel biaryloxazolidinone radezolid: studies with infected phagocytic and nonphagocytic cells, using <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> , <i>Listeria monocytogenes</i> , and <i>Legionella pneumophila</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2549-59	5.9	41
105	Intra- and extracellular activity of linezolid against <i>Staphylococcus aureus</i> in vivo and in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 962-73	5.1	21

104	Intra- and extracellular activities of dicloxacillin against <i>Staphylococcus aureus</i> in vivo and in vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2391-400	5.9	20
103	In vivo development of antimicrobial resistance in <i>Pseudomonas aeruginosa</i> strains isolated from the lower respiratory tract of Intensive Care Unit patients with nosocomial pneumonia and receiving antipseudomonal therapy. <i>International Journal of Antimicrobial Agents</i> , 2010 , 36, 513-22	14.3	57
102	Fluoroquinolones induce the expression of <i>patA</i> and <i>patB</i> , which encode ABC efflux pumps in <i>Streptococcus pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 2076-82	5.1	38
101	Stability of meropenem and doripenem solutions for administration by continuous infusion. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 1073-5	5.1	80
100	Dynamics and structural changes induced by ATP binding in SAV1866, a bacterial ABC exporter. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 15948-57	3.4	39
99	Mechanisms of action 2010 , 1288-1307		
98	Cellular pharmacokinetics and intracellular activity of torezolid (TR-700): studies with human macrophage (THP-1) and endothelial (HUVEC) cell lines. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 1035-43	5.1	54
97	Plectasin shows intracellular activity against <i>Staphylococcus aureus</i> in human THP-1 monocytes and in a mouse peritonitis model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4801-8	5.9	46
96	Activities of ceftobiprole and other cephalosporins against extracellular and intracellular (THP-1 macrophages and keratinocytes) forms of methicillin-susceptible and methicillin-resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2289-97	5.9	39
95	Identification of the efflux transporter of the fluoroquinolone antibiotic ciprofloxacin in murine macrophages: studies with ciprofloxacin-resistant cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2410-6	5.9	23
94	Cellular accumulation and pharmacodynamic evaluation of the intracellular activity of CEM-101, a novel fluoroketolide, against <i>Staphylococcus aureus</i> , <i>Listeria monocytogenes</i> , and <i>Legionella pneumophila</i> in human THP-1 macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3734-43	5.9	50
93	Intracellular activity of antibiotics in a model of human THP-1 macrophages infected by a <i>Staphylococcus aureus</i> small-colony variant strain isolated from a cystic fibrosis patient: study of antibiotic combinations. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 1443-9	5.9	35
92	Role of <i>rsbU</i> and staphyloxanthin in phagocytosis and intracellular growth of <i>Staphylococcus aureus</i> in human macrophages and endothelial cells. <i>Journal of Infectious Diseases</i> , 2009 , 200, 1367-70	7	32
91	Intracellular activity of antibiotics in a model of human THP-1 macrophages infected by a <i>Staphylococcus aureus</i> small-colony variant strain isolated from a cystic fibrosis patient: pharmacodynamic evaluation and comparison with isogenic normal-phenotype and revertant strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 1434-42	5.9	48
90	Isolation and 2-D-DIGE proteomic analysis of intracellular and extracellular forms of <i>Listeria monocytogenes</i> . <i>Proteomics</i> , 2009 , 9, 5484-96	4.8	18
89	Molecular models of human P-glycoprotein in two different catalytic states. <i>BMC Structural Biology</i> , 2009 , 9, 3	2.7	55
88	Penicillin-binding proteins (PBP) and Lmo0441 (a PBP-like protein) play a role in Beta-lactam sensitivity of <i>Listeria monocytogenes</i> . <i>Gut Pathogens</i> , 2009 , 1, 23	5.4	10
87	Interactions of oritavancin, a new lipoglycopeptide derived from vancomycin, with phospholipid bilayers: Effect on membrane permeability and nanoscale lipid membrane organization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009 , 1788, 1832-40	3.8	68

86	Correlation between free and total vancomycin serum concentrations in patients treated for Gram-positive infections. <i>International Journal of Antimicrobial Agents</i> , 2009 , 34, 555-60	14.3	47
85	Safety profile of the respiratory fluoroquinolone moxifloxacin: comparison with other fluoroquinolones and other antibacterial classes. <i>Drug Safety</i> , 2009 , 32, 359-78	5.1	87
84	Temocillin revived. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 243-5	5.1	85
83	The bacterial envelope as a target for novel anti-MRSA antibiotics. <i>Trends in Pharmacological Sciences</i> , 2008 , 29, 124-34	13.2	115
82	Interactions of ciprofloxacin with DPPC and DPPG: fluorescence anisotropy, ATR-FTIR and 31P NMR spectroscopies and conformational analysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 2535-43	3.8	73
81	Ketolides: pharmacological profile and rational positioning in the treatment of respiratory tract infections. <i>Expert Opinion on Pharmacotherapy</i> , 2008 , 9, 267-83	4	30
80	Continuous versus intermittent infusion of temocillin, a directed spectrum penicillin for intensive care patients with nosocomial pneumonia: stability, compatibility, population pharmacokinetic studies and breakpoint selection. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 61, 382-8	5.1	61
79	Cellular pharmacokinetics of telavancin, a novel lipoglycopeptide antibiotic, and analysis of lysosomal changes in cultured eukaryotic cells (J774 mouse macrophages and rat embryonic fibroblasts). <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 61, 1288-94	5.1	27
78	Restoration of susceptibility of methicillin-resistant <i>Staphylococcus aureus</i> to beta-lactam antibiotics by acidic pH: role of penicillin-binding protein PBP 2a. <i>Journal of Biological Chemistry</i> , 2008 , 283, 12769-76	5.4	35
77	Cooperation between prokaryotic (Lde) and eukaryotic (MRP) efflux transporters in J774 macrophages infected with <i>Listeria monocytogenes</i> : studies with ciprofloxacin and moxifloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3040-6	5.9	22
76	Apoptosis induced by aminoglycosides in LLC-PK1 Cells: comparative study of neomycin, gentamicin, amikacin, and isepamicin using electroporation. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2236-8	5.9	15
75	Contrasting effects of human THP-1 cell differentiation on levofloxacin and moxifloxacin intracellular accumulation and activity against <i>Staphylococcus aureus</i> and <i>Listeria monocytogenes</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 518-21	5.1	15
74	Restoration of susceptibility of intracellular methicillin-resistant <i>Staphylococcus aureus</i> to beta-lactams: comparison of strains, cells, and antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2797-805	5.9	20
73	Tissue concentrations: do we ever learn?. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 61, 235-7	5.1	274
72	Modulation of the cellular accumulation and intracellular activity of daptomycin towards phagocytized <i>Staphylococcus aureus</i> by the P-glycoprotein (MDR1) efflux transporter in human THP-1 macrophages and madin-darby canine kidney cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2748-57	5.9	51
71	Design and evaluation of analogues of the bacterial cell-wall peptidoglycan motif L-Lys-D-Ala-D-Ala for use in a vancomycin biosensor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 5758-62	2.9	4
70	Effect of a collaborative approach on the quality of prescribing for geriatric inpatients: a randomized, controlled trial. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 658-65	5.6	231
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