

# Paul M Tulkens

## List of Publications by Citations

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193  
papers

11,966  
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54  
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104  
g-index

199  
ext. papers

13,114  
ext. citations

6.5  
avg, IF

6.07  
L-index

#	Paper	IF	Citations
193	Commentary. Lysosomotropic agents. <i>Biochemical Pharmacology</i> , <b>1974</b> , 23, 2495-531	6	1709
192	Aminoglycosides: activity and resistance. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1999</b> , 43, 727-37	5.9	612
191	Aminoglycosides: nephrotoxicity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1999</b> , 43, 1003-12	5.9	602
190	Tissue concentrations: do we ever learn?. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2008</b> , 61, 235-7	5.1	274
189	Antibiotic efflux pumps. <i>Biochemical Pharmacology</i> , <b>2000</b> , 60, 457-70	6	268
188	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> , <b>2007</b> , 55, 658-65	5.6	231
187	Mechanism of aminoglycoside-induced lysosomal phospholipidosis: in vitro and in vivo studies with gentamicin and amikacin. <i>Biochemical Pharmacology</i> , <b>1982</b> , 31, 3861-70	6	210
186	Pharmacodynamic evaluation of the intracellular activities of antibiotics against <i>Staphylococcus aureus</i> in a model of THP-1 macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 841-51	5.9	187
185	Glycopeptide antibiotics: from conventional molecules to new derivatives. <i>Drugs</i> , <b>2004</b> , 64, 913-36	12.1	151
184	Early effects of gentamicin, tobramycin, and amikacin on the human kidney. <i>Kidney International</i> , <b>1984</b> , 25, 643-52	9.9	142
183	Comparative stability studies of antipseudomonal beta-lactams for potential administration through portable elastomeric pumps (home therapy for cystic fibrosis patients) and motor-operated syringes (intensive care units). <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 2327-32	5.9	139
182	Aminoglycoside-induced renal phospholipidosis and nephrotoxicity. <i>Biochemical Pharmacology</i> , <b>1990</b> , 40, 2383-92	6	139
181	Intracellular pharmacodynamics of antibiotics. <i>Infectious Disease Clinics of North America</i> , <b>2003</b> , 17, 615-345	3.5	138
180	Fate of plasma membrane during endocytosis. II. Evidence for recycling (shuttle) of plasma membrane constituents. <i>Journal of Cell Biology</i> , <b>1979</b> , 82, 466-74	7.3	136
179	The uptake and intracellular accumulation of aminoglycoside antibiotics in lysosomes of cultured rat fibroblasts. <i>Biochemical Pharmacology</i> , <b>1978</b> , 27, 415-24	6	135
178	Analytical fractionation of homogenates from cultured rat embryo fibroblasts. <i>Journal of Cell Biology</i> , <b>1974</b> , 63, 383-401	7.3	134
177	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> , <b>2011</b> , 55, 649-58	5.9	130

176	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> , <b>2013</b> , 68, 1455-64	5.1	126
175	Quantitative analysis of gentamicin, azithromycin, telithromycin, ciprofloxacin, moxifloxacin, and oritavancin (LY333328) activities against intracellular <i>Staphylococcus aureus</i> in mouse J774 macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2003</b> , 47, 2283-92	5.9	121
174	Hepatic safety of antibiotics used in primary care. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 1431-46	5.4	118
173	The bacterial envelope as a target for novel anti-MRSA antibiotics. <i>Trends in Pharmacological Sciences</i> , <b>2008</b> , 29, 124-34	13.2	115
172	Gentamicin-induced apoptosis in LLC-PK1 cells: involvement of lysosomes and mitochondria. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 206, 321-33	4.6	110
171	Apoptosis in renal proximal tubules of rats treated with low doses of aminoglycosides. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2000</b> , 44, 665-75	5.9	101
170	Comparative intracellular (THP-1 macrophage) and extracellular activities of beta-lactams, azithromycin, gentamicin, and fluoroquinolones against <i>Listeria monocytogenes</i> at clinically relevant concentrations. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 2095-103	5.9	100
169	Cellular uptake and subcellular distribution of roxithromycin and erythromycin in phagocytic cells. <i>Journal of Antimicrobial Chemotherapy</i> , <b>1987</b> , 20 Suppl B, 47-56	5.1	97
168	Evaluation of the extracellular and intracellular activities (human THP-1 macrophages) of telavancin versus vancomycin against methicillin-susceptible, methicillin-resistant, vancomycin-intermediate and vancomycin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 58, 1177-84	5.1	96
167	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> , <b>2013</b> , 57, 2726-37	5.9	93
166	Multidrug-resistant <i>Streptococcus pneumoniae</i> infections: current and future therapeutic options. <i>Drugs</i> , <b>2007</b> , 67, 2355-82	12.1	91
165	Safety profile of the respiratory fluoroquinolone moxifloxacin: comparison with other fluoroquinolones and other antibacterial classes. <i>Drug Safety</i> , <b>2009</b> , 32, 359-78	5.1	87
164	Influence of P-glycoprotein and MRP efflux pump inhibitors on the intracellular activity of azithromycin and ciprofloxacin in macrophages infected by <i>Listeria monocytogenes</i> or <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2003</b> , 51, 1167-73	5.1	87
163	Temocillin revived. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2009</b> , 63, 243-5	5.1	85
162	Stability of meropenem and doripenem solutions for administration by continuous infusion. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2010</b> , 65, 1073-5	5.1	80
161	Experimental studies on nephrotoxicity of aminoglycosides at low doses. Mechanisms and perspectives. <i>American Journal of Medicine</i> , <b>1986</b> , 80, 105-14	2.4	78
160	Implementation of ward-based clinical pharmacy services in Belgium--description of the impact on a geriatric unit. <i>Annals of Pharmacotherapy</i> , <b>2006</b> , 40, 720-8	2.9	75
159	Influence of efflux transporters on the accumulation and efflux of four quinolones (ciprofloxacin, levofloxacin, garenoxacin, and moxifloxacin) in J774 macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 2429-37	5.9	74

158	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> , <b>2012</b> , 55, 534-42	11.6	73
157	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> , <b>2008</b> , 1778, 2535-43	3.8	73
156	Azithromycin, a lysosomotropic antibiotic, has distinct effects on fluid-phase and receptor-mediated endocytosis, but does not impair phagocytosis in J774 macrophages. <i>Experimental Cell Research</i> , <b>2002</b> , 281, 86-100	4.2	70
155	Gentamicin causes apoptosis at low concentrations in renal LLC-PK1 cells subjected to electroporation. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 1213-21	5.9	69
154	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> , <b>2009</b> , 1788, 1832-40	3.8	68
153	Combined effect of pH and concentration on the activities of gentamicin and oxacillin against <i>Staphylococcus aureus</i> in pharmacodynamic models of extracellular and intracellular infections. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 246-53	5.1	68
152	Role of oxidative stress in lysosomal membrane permeabilization and apoptosis induced by gentamicin, an aminoglycoside antibiotic. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 1656-65	7.8	67
151	Nonclinical and pharmacokinetic assessments to evaluate the potential of tedizolid and linezolid to affect mitochondrial function. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 178-85	5.9	66
150	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> , <b>2014</b> , 58, 6385-97	5.9	66
149	Appropriateness of use of medicines in elderly inpatients: qualitative study. <i>BMJ, The</i> , <b>2005</b> , 331, 935	5.9	64
148	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> , <b>2008</b> , 61, 382-8	5.1	61
147	Cellular pharmacokinetics and pharmacodynamics of the glycopeptide antibiotic oritavancin (LY333328) in a model of J774 mouse macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2004</b> , 48, 2853-60	5.9	60
146	Influence of P-glycoprotein inhibitors on accumulation of macrolides in J774 murine macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2003</b> , 47, 1047-51	5.9	60
145	Biochemical mechanism of aminoglycoside-induced inhibition of phosphatidylcholine hydrolysis by lysosomal phospholipases. <i>Biochemical Pharmacology</i> , <b>1988</b> , 37, 591-9	6	59
144	A combined phenotypic and genotypic method for the detection of Mex efflux pumps in <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 378-86	5.1	58
143	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> , <b>2010</b> , 36, 513-22	14.3	57
142	Cellular pharmacokinetics of the novel biarylloxazolidinone radezolid in phagocytic cells: studies with macrophages and polymorphonuclear neutrophils. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 2540-8	5.9	55
141	Molecular models of human P-glycoprotein in two different catalytic states. <i>BMC Structural Biology</i> , <b>2009</b> , 9, 3	2.7	55

140	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> , <b>2009</b> , 64, 1035-43	5.1	54
139	Cellular pharmacodynamics and pharmacokinetics of antibiotics: current views and perspectives. <i>Current Opinion in Drug Discovery &amp; Development</i> , <b>2006</b> , 9, 218-30		52
138	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> , <b>2007</b> , 51, 2748-57	5.9	51
137	Mechanism of the intracellular killing and modulation of antibiotic susceptibility of <i>Listeria monocytogenes</i> in THP-1 macrophages activated by gamma interferon. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1999</b> , 43, 1242-51	5.9	51
136	Temocillin (6 g daily) in critically ill patients: continuous infusion versus three times daily administration. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 891-8	5.1	50
135	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> , <b>2009</b> , 53, 3734-43	5.9	50
134	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> , <b>2009</b> , 53, 1434-42	5.9	48
133	Correlation between free and total vancomycin serum concentrations in patients treated for Gram-positive infections. <i>International Journal of Antimicrobial Agents</i> , <b>2009</b> , 34, 555-60	14.3	47
132	Active efflux of ciprofloxacin from J774 macrophages through an MRP-like transporter. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2004</b> , 48, 2673-82	5.9	47
131	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> , <b>2009</b> , 53, 4801-8	5.9	46
130	Water-soluble amphotericin B-polyvinylpyrrolidone complexes with maintained antifungal activity against <i>Candida</i> spp. and <i>Aspergillus</i> spp. and reduced haemolytic and cytotoxic effects. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 57, 236-44	5.1	46
129	Optimizing $\beta$ -lactams treatment in critically-ill patients using pharmacokinetics/pharmacodynamics targets: are first conventional doses effective?. <i>Expert Review of Anti-Infective Therapy</i> , <b>2017</b> , 15, 677-688	5.5	45
128	Ultrastructural, physico-chemical and conformational study of the interactions of gentamicin and bis(beta-diethylaminoethylether) hexestrol with negatively-charged phospholipid layers. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 729-41	6	45
127	Activity of three $\beta$ -lactams (ertapenem, meropenem and ampicillin) against intraphagocytic <i>Listeria monocytogenes</i> and <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2005</b> , 55, 897-904	5.1	44
126	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> , <b>2011</b> , 38, 52-9	14.3	43
125	Interaction of the macrolide azithromycin with phospholipids. I. Inhibition of lysosomal phospholipase A1 activity. <i>European Journal of Pharmacology</i> , <b>1996</b> , 314, 203-14	5.3	43
124	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> , <b>2016</b> , 48, 740-743	14.3	42
123	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> , <b>2010</b> , 54, 2519-59	5.9	41

122	Stability and compatibility of ceftazidime administered by continuous infusion to intensive care patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2001</b> , 45, 2643-7	5.9	41
121	Moxifloxacin safety: an analysis of 14 years of clinical data. <i>Drugs in R and D</i> , <b>2012</b> , 12, 71-100	3.4	40
120	Dynamics and structural changes induced by ATP binding in SAV1866, a bacterial ABC exporter. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 15948-57	3.4	39
119	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> , <b>2009</b> , 53, 2289-97	5.9	39
118	Stability and compatibility study of cefepime in comparison with ceftazidime for potential administration by continuous infusion under conditions pertinent to ambulatory treatment of cystic fibrosis patients and to administration in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2003</b> , 51, 651-8	5.1	39
117	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> , <b>2013</b> , 57, 2310-8	5.9	38
116	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> , <b>2010</b> , 65, 2076-82	5.1	38
115	Alterations in membrane permeability induced by aminoglycoside antibiotics: studies on liposomes and cultured cells. <i>European Journal of Pharmacology</i> , <b>1993</b> , 247, 155-68		36
114	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> , <b>2009</b> , 53, 1443-9	5.9	35
113	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> , <b>2008</b> , 283, 12769-76	5.4	35
112	Selection of quinolone resistance in <i>Streptococcus pneumoniae</i> exposed in vitro to subinhibitory drug concentrations. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 60, 965-72	5.1	35
111	Gentamicin-induced lysosomal phospholipidosis in cultured rat fibroblasts. Quantitative ultrastructural and biochemical study. <i>Laboratory Investigation</i> , <b>1979</b> , 40, 481-91	5.9	35
110	Novel polymyxin derivatives are less cytotoxic than polymyxin B to renal proximal tubular cells. <i>Peptides</i> , <b>2012</b> , 35, 248-52	3.8	34
109	Association between antibiotic sales and public campaigns for their appropriate use. <i>JAMA - Journal of the American Medical Association</i> , <b>2004</b> , 292, 2468-70	27.4	34
108	Immunological inhibition of lysosome function. <i>Nature</i> , <b>1970</b> , 228, 1282-5	50.4	34
107	Antimicrobial Susceptibility of <i>Pseudomonas aeruginosa</i> Isolated from Cystic Fibrosis Patients in Northern Europe. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6735-6741	5.9	33
106	Continuous infusion of antibiotics in the critically ill: The new holy grail for beta-lactams and vancomycin?. <i>Annals of Intensive Care</i> , <b>2012</b> , 2, 22	8.9	33
105	Stability and compatibility of vancomycin for administration by continuous infusion. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 1179-82	5.1	33

104	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> , <b>2010</b> , 65, 1720-4	5.1	33
103	Implementation of a protocol for administration of vancomycin by continuous infusion: pharmacokinetic, pharmacodynamic and toxicological aspects. <i>International Journal of Antimicrobial Agents</i> , <b>2013</b> , 41, 439-46	14.3	32
102	Role of rsbU and staphyloxanthin in phagocytosis and intracellular growth of <i>Staphylococcus aureus</i> in human macrophages and endothelial cells. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 200, 1367-70	7	32
101	Effect of acidic phospholipids on the activity of lysosomal phospholipases and on their inhibition by aminoglycoside antibiotics--I. Biochemical analysis. <i>Biochemical Pharmacology</i> , <b>1990</b> , 40, 489-97	6	32
100	The antifungal caspofungin increases fluoroquinolone activity against <i>Staphylococcus aureus</i> biofilms by inhibiting N-acetylglucosamine transferase. <i>Nature Communications</i> , <b>2016</b> , 7, 13286	17.4	31
99	Activity of beta-lactams (ampicillin, meropenem), gentamicin, azithromycin and moxifloxacin against intracellular <i>Listeria monocytogenes</i> in a 24 h THP-1 human macrophage model. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2003</b> , 51, 1051-2	5.1	31
98	Azithromycin, a lysosomotropic antibiotic, impairs fluid-phase pinocytosis in cultured fibroblasts. <i>European Journal of Cell Biology</i> , <b>2001</b> , 80, 466-78	6.1	31
97	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> , <b>2011</b> , 38, 249-56	14.3	30
96	Ketolides: pharmacological profile and rational positioning in the treatment of respiratory tract infections. <i>Expert Opinion on Pharmacotherapy</i> , <b>2008</b> , 9, 267-83	4	30
95	Interaction of the macrolide azithromycin with phospholipids. II. Biophysical and computer-aided conformational studies. <i>European Journal of Pharmacology</i> , <b>1996</b> , 314, 215-27	5.3	30
94	Tedizolid phosphate for the management of acute bacterial skin and skin structure infections: safety summary. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 58 Suppl 1, S51-7	11.6	29
93	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> , <b>2011</b> , 66, 596-607	5.1	29
92	Role of acidic pH in the susceptibility of intraphagocytic methicillin-resistant <i>Staphylococcus aureus</i> strains to meropenem and cloxacillin. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 1627-32	5.9	29
91	Acquired resistance to macrolides in from cystic fibrosis patients. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	28
90	Mixed-lipid storage disorder induced in macrophages and fibroblasts by oritavancin (LY333328), a new glycopeptide antibiotic with exceptional cellular accumulation. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 1695-700	5.9	28
89	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> , <b>2017</b> , 61,	5.9	27
88	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> , <b>2018</b> , 52, 697-701	14.3	27
87	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> , <b>2008</b> , 61, 1288-94	5.1	27

86	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> , <b>2017</b> , 7, 40208	4.9	26
85	Profile of a Novel Anionic Fluoroquinolone-Delafloxacin. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, S213-S222	11.6	25
84	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> , <b>2011</b> , 52 Suppl 7, S493-503	11.6	25
83	Cellular accumulation and activity of quinolones in ciprofloxacin-resistant J774 macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 1689-95	5.9	24
82	Predicting the three-dimensional structure of human P-glycoprotein in absence of ATP by computational techniques embodying crosslinking data: insight into the mechanism of ligand migration and binding sites. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2006</b> , 63, 466-78	4.2	24
81	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> , <b>2015</b> , 70, 1596-8	5.1	23
80	Identification of the efflux transporter of the fluoroquinolone antibiotic ciprofloxacin in murine macrophages: studies with ciprofloxacin-resistant cells. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 2410-6	5.9	23
79	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> , <b>2016</b> , 214, 1105-16	7	22
78	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> , <b>2008</b> , 52, 3040-6	5.9	22
77	Intra- and extracellular activity of linezolid against <i>Staphylococcus aureus</i> in vivo and in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2010</b> , 65, 962-73	5.1	21
76	Impairment of growth of <i>Listeria monocytogenes</i> in THP-1 macrophages by granulocyte macrophage colony-stimulating factor: release of tumor necrosis factor-alpha and nitric oxide. <i>Journal of Infectious Diseases</i> , <b>2004</b> , 189, 2101-9	7	21
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