Johan W Mouton

List of Publications by Year
in descending order

275 papers	16,774 citations	15466 65 h-index	19690 117 g-index
280 all docs	280 docs citations	280 times ranked	14247 citing authors

#	Article	IF	Citations
1	Individualised antibiotic dosing for patients who are critically ill: challenges and potential solutions. Lancet Infectious Diseases, The, 2014, 14, 498-509.	4.6	745
2	International Consensus Guidelines for the Optimal Use of the Polymyxins: Endorsed by the American College of Clinical Pharmacy (ACCP), European Society of Clinical Microbiology and Infectious Diseases (ESCMID), Infectious Diseases Society of America (IDSA), International Society for Antiâ€infective Pharmacology (ISAP), Society of Critical Care Medicine (SCCM), and Society of Infectious Diseases Pharmacists (SIDP). Pharmacotherapy, 2019, 39, 10-39.	1.2	545
3	EUCAST expert rules in antimicrobial susceptibility testing. Clinical Microbiology and Infection, 2013, 19, 141-160.	2.8	527
4	Current evidence on hospital antimicrobial stewardship objectives: a systematic review and meta-analysis. Lancet Infectious Diseases, The, 2016, 16, 847-856.	4.6	526
5	Standardization of pharmacokinetic/pharmacodynamic (PK/PD) terminology for anti-infective drugs: an update. Journal of Antimicrobial Chemotherapy, 2005, 55, 601-607.	1.3	448
6	Colistin alone versus colistin plus meropenem for treatment of severe infections caused by carbapenem-resistant Gram-negative bacteria: an open-label, randomised controlled trial. Lancet Infectious Diseases, The, 2018, 18, 391-400.	4.6	400
7	Tissue concentrations: do we ever learn?. Journal of Antimicrobial Chemotherapy, 2007, 61, 235-237.	1.3	333
8	European Society of Clinical Microbiology and Infectious Diseases (ESCMID) guidelines for the treatment of infections caused by multidrug-resistant Gram-negative bacilli (endorsed by European) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.4	324
9	European harmonization of MIC breakpoints for antimicrobial susceptibility testing of bacteria. Journal of Antimicrobial Chemotherapy, 2003, 52, 145-148.	1.3	323
10	In vitro susceptibilities of zygomycetes to conventional and new antifungals. Journal of Antimicrobial Chemotherapy, 2003, 51, 45-52.	1.3	299
11	Resistance mechanisms and drug susceptibility testing of nontuberculous mycobacteria. Drug Resistance Updates, 2012, 15, 149-161.	6.5	257
12	In Vitro Drug Interaction Modeling of Combinations of Azoles with Terbinafine against Clinical Scedosporium prolificans Isolates. Antimicrobial Agents and Chemotherapy, 2003, 47, 106-117.	1.4	234
13	MIC-based dose adjustment: facts and fables. Journal of Antimicrobial Chemotherapy, 2018, 73, 564-568.	1.3	233
14	The role of pharmacokinetics/pharmacodynamics in setting clinical MIC breakpoints: the EUCAST approach. Clinical Microbiology and Infection, 2012, 18, E37-E45.	2.8	232
15	In Vitro Activities of New and Conventional Antifungal Agents against Clinical Scedosporium Isolates. Antimicrobial Agents and Chemotherapy, 2002, 46, 62-68.	1.4	230
16	Use of a Novel Panel of Nine Short Tandem Repeats for Exact and High-Resolution Fingerprinting of Aspergillus fumigatus Isolates. Journal of Clinical Microbiology, 2005, 43, 4112-4120.	1.8	230
17	Protein Binding: Do We Ever Learn?. Antimicrobial Agents and Chemotherapy, 2011, 55, 3067-3074.	1.4	212
18	Comparison of NCCLS and 3-(4,5-Dimethyl-2-Thiazyl)-2,5-Diphenyl-2H-Tetrazolium Bromide (MTT) Methods of In Vitro Susceptibility Testing of Filamentous Fungi and Development of a New Simplified Method. Journal of Clinical Microbiology, 2000, 38, 2949-2954.	1.8	203

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19	Reduction of Surgical-Site Infections in Cardiothoracic Surgery by Elimination of Nasal Carriage of Staphylococcus aureus. Infection Control and Hospital Epidemiology, 1996, 17, 780-785.	1.0	202
20	Nitrofurantoin revisited: a systematic review and meta-analysis of controlled trials. Journal of Antimicrobial Chemotherapy, 2015, 70, 2456-2464.	1.3	189
21	European Committee on Antimicrobial Susceptibility Testing (EUCAST) Technical Notes on antimicrobial susceptibility testing. Clinical Microbiology and Infection, 2006, 12, 501-503.	2.8	176
22	Comparative Pharmacokinetics of the Carbapenems. Clinical Pharmacokinetics, 2000, 39, 185-201.	1.6	175
23	Conserving antibiotics for the future: New ways to use old and new drugs from a pharmacokinetic and pharmacodynamic perspective. Drug Resistance Updates, 2011, 14, 107-117.	6.5	175
24	The Pharmacokinetics and Pharmacodynamics of Pulmonary Mycobacterium avium Complex Disease Treatment. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 559-565.	2.5	175
25	Aspergillusand aspergilloses in wild and domestic animals: a global health concern with parallels to human disease. Medical Mycology, 2015, 53, 765-797.	0.3	172
26	Cephalosporin MIC creep among gonococci: time for a pharmacodynamic rethink?. Journal of Antimicrobial Chemotherapy, 2010, 65, 2141-2148.	1.3	154
27	Invasive Aspergillosis by Aspergillus flavus: Epidemiology, Diagnosis, Antifungal Resistance, and Management. Journal of Fungi (Basel, Switzerland), 2019, 5, 55.	1.5	149
28	Colorimetric Assay for Antifungal Susceptibility Testing of Aspergillus Species. Journal of Clinical Microbiology, 2001, 39, 3402-3408.	1.8	148
29	Effect of 5-Day Nitrofurantoin vs Single-Dose Fosfomycin on Clinical Resolution of Uncomplicated Lower Urinary Tract Infection in Women. JAMA - Journal of the American Medical Association, 2018, 319, 1781.	3.8	147
30	Applying Pharmacokinetic/Pharmacodynamic Principles in Critically Ill Patients: Optimizing Efficacy and Reducing Resistance Development. Seminars in Respiratory and Critical Care Medicine, 2015, 36, 136-153.	0.8	134
31	Pharmacokinetic/Pharmacodynamic Modelling of Antibacterials In Vitro and In Vivo Using Bacterial Growth and Kill Kinetics. Clinical Pharmacokinetics, 2005, 44, 201-210.	1.6	131
32	Vancomycin. Clinical Pharmacokinetics, 2004, 43, 417-440.	1.6	128
33	Correlation of the MIC and Dose/MIC Ratio of Fluconazole to the Therapeutic Response of Patients with Mucosal Candidiasis and Candidemia. Antimicrobial Agents and Chemotherapy, 2007, 51, 3599-3604.	1.4	119
34	Therapeutic Drug Monitoring of Voriconazole. Therapeutic Drug Monitoring, 2008, 30, 403-411.	1.0	116
35	Reduced subcutaneous tissue distribution of cefazolin in morbidly obese versus non-obese patients determined using clinical microdialysis. Journal of Antimicrobial Chemotherapy, 2014, 69, 715-723.	1.3	113
36	Efficacy of Posaconazole against Three Clinical Aspergillus fumigatus Isolates with Mutations in the cyp51A Gene. Antimicrobial Agents and Chemotherapy, 2010, 54, 860-865.	1.4	110

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37	Consumption of Antimicrobials in Pigs, Veal Calves, and Broilers in The Netherlands: Quantitative Results of Nationwide Collection of Data in 2011. PLoS ONE, 2013, 8, e77525.	1.1	106
38	In Vitro Interaction of Terbinafine with Itraconazole against Clinical Isolates of Scedosporium prolificans. Antimicrobial Agents and Chemotherapy, 2000, 44, 470-472.	1.4	105
39	Optimal exposures of ceftazidime predict the probability of microbiological and clinical outcome in the treatment of nosocomial pneumonia. Journal of Antimicrobial Chemotherapy, 2013, 68, 900-906.	1.3	105
40	Meropenem Clinical Pharmacokinetics. Clinical Pharmacokinetics, 1995, 28, 275-286.	1.6	102
41	Assessingin vitrocombinations of antifungal drugs against yeasts and filamentous fungi: comparison of different drug interaction models. Medical Mycology, 2005, 43, 133-152.	0.3	99
42	Black Yeasts and Their Filamentous Relatives: Principles of Pathogenesis and Host Defense. Clinical Microbiology Reviews, 2014, 27, 527-542.	5.7	94
43	Clinical applications of population pharmacokinetic models of antibiotics: Challenges and perspectives. Pharmacological Research, 2018, 134, 280-288.	3.1	94
44	Continuous infusion of beta-lactams. Current Opinion in Critical Care, 2007, 13, 598-606.	1.6	92
45	Standardization of pharmacokinetic/pharmacodynamic (PK/PD) terminology for anti-infective drugs. International Journal of Antimicrobial Agents, 2002, 19, 355-358.	1.1	91
46	The role of azoles in the management of azole-resistant aspergillosis: From the bench to the bedside. Drug Resistance Updates, 2014, 17, 37-50.	6.5	89
47	New dosing strategies for antibacterial agents in the neonate. Seminars in Fetal and Neonatal Medicine, 2005, 10, 185-194.	1.1	88
48	Review of the pharmacokinetic properties of nitrofurantoin and nitroxoline. Journal of Antimicrobial Chemotherapy, 2018, 73, 2916-2926.	1.3	88
49	Pharmacodynamics of Ceftazidime and Avibactam in Neutropenic Mice with Thigh or Lung Infection. Antimicrobial Agents and Chemotherapy, 2016, 60, 368-375.	1.4	87
50	Clofazimine Prevents the Regrowth of Mycobacterium abscessus and Mycobacterium avium Type Strains Exposed to Amikacin and Clarithromycin. Antimicrobial Agents and Chemotherapy, 2016, 60, 1097-1105.	1.4	85
51	Vancomycin population pharmacokinetics in neonates. Clinical Pharmacology and Therapeutics, 2000, 67, 360-367.	2.3	83
52	Treatment Outcomes of Colistin- and Carbapenem-resistant Acinetobacter baumannii Infections: An Exploratory Subgroup Analysis of a Randomized Clinical Trial. Clinical Infectious Diseases, 2019, 69, 769-776.	2.9	83
53	Forgotten Antibiotics: An Inventory in Europe, the United States, Canada, and Australia. Clinical Infectious Diseases, 2012, 54, 268-274.	2.9	81
54	Impact of cyp51A Mutations on the Pharmacokinetic and Pharmacodynamic Properties of Voriconazole in a Murine Model of Disseminated Aspergillosis. Antimicrobial Agents and Chemotherapy, 2010, 54, 4758-4764.	1.4	80

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55	Reviving old antibiotics. Journal of Antimicrobial Chemotherapy, 2015, 70, 2177-2181.	1.3	79
56	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. Journal of Antimicrobial Chemotherapy, 2008, 61, 382-388.	1.3	78
57	Exposure-Response Relationships for Isavuconazole in Patients with Invasive Aspergillosis and Other Filamentous Fungi. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	75
58	Emergence of antibiotic resistance amongst Pseudomonas aeruginosa isolates from patients with cystic fibrosis. Journal of Antimicrobial Chemotherapy, 1993, 31, 919-926.	1.3	73
59	Use of Monte Carlo Simulations To Select Therapeutic Doses and Provisional Breakpoints of BAL9141. Antimicrobial Agents and Chemotherapy, 2004, 48, 1713-1718.	1.4	73
60	EUCAST Technical Note on tigecycline. Clinical Microbiology and Infection, 2006, 12, 1147-1149.	2.8	72
61	Comparison of Spectrophotometric and Visual Readings of NCCLS Method and Evaluation of a Colorimetric Method Based on Reduction of a Soluble Tetrazolium Salt, 2,3-Bis {2-Methoxy-4-Nitro-5-[(Sulfenylamino) Carbonyl]-2H- Tetrazolium-Hydroxide}, for Antifungal Susceptibility Testing of Aspergillus Species. Journal of Clinical Microbiology, 2001, 39, 4256-4263.	1.8	71
62	Temocillin (6 g daily) in critically ill patients: continuous infusion versus three times daily administration. Journal of Antimicrobial Chemotherapy, 2015, 70, 891-898.	1.3	71
63	Use of Pharmacodynamic Parameters To Predict Efficacy of Combination Therapy by Using Fractional Inhibitory Concentration Kinetics. Antimicrobial Agents and Chemotherapy, 1998, 42, 744-748.	1.4	70
64	Concentration-Effect Relationship of Ceftazidime Explains Why the Time above the MIC Is 40 Percent for a Static Effect In Vivo. Antimicrobial Agents and Chemotherapy, 2007, 51, 3449-3451.	1.4	67
65	Use of Pharmacodynamic Indices To Predict Efficacy of Combination Therapy In Vivo. Antimicrobial Agents and Chemotherapy, 1999, 43, 2473-2478.	1.4	66
66	Time-kill kinetics of antibiotics active against rapidly growing mycobacteria. Journal of Antimicrobial Chemotherapy, 2015, 70, 811-817.	1.3	66
67	Breakpoints: current practice and future perspectives. International Journal of Antimicrobial Agents, 2002, 19, 323-331.	1.1	65
68	Therapeutic drug monitoring of voriconazole and posaconazole for invasive aspergillosis. Expert Review of Anti-Infective Therapy, 2013, 11, 931-941.	2.0	65
69	Variation of MIC measurements: the contribution of strain and laboratory variability to measurement precision. Journal of Antimicrobial Chemotherapy, 2018, 73, 2374-2379.	1.3	65
70	Pharmacodynamics of tobramycin in patients with cystic fibrosis. Diagnostic Microbiology and Infectious Disease, 2005, 52, 123-127.	0.8	62
71	Pharmacokinetic Optimisation of Antibacterial Treatment in Patients with Cystic Fibrosis. Clinical Pharmacokinetics, 1998, 35, 437-459.	1.6	60
72	Efficacy and pharmacodynamics of voriconazole combined with anidulafungin in azole-resistant invasive aspergillosis. Journal of Antimicrobial Chemotherapy, 2013, 68, 385-393.	1.3	60

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73	Consistent Global Approach on Reporting of Colistin Doses to Promote Safe and Effective Use. Clinical Infectious Diseases, 2014, 58, 139-141.	2.9	60
74	Pharmacodynamics of Isavuconazole in an Aspergillus fumigatus Mouse Infection Model. Antimicrobial Agents and Chemotherapy, 2015, 59, 2855-2866.	1.4	60
75	Comparison of the Etest and the Sensititre Colorimetric Methods with the NCCLS Proposed Standard for Antifungal Susceptibility Testing of Aspergillus Species. Journal of Clinical Microbiology, 2002, 40, 2876-2885.	1.8	59
76	Non-linear absorption pharmacokinetics of amoxicillin: consequences for dosing regimens and clinical breakpoints. Journal of Antimicrobial Chemotherapy, 2016, 71, 2909-2917.	1.3	59
77	Azole-ResistantAspergillus fumigatus, Iran. Emerging Infectious Diseases, 2013, 19, 832-834.	2.0	58
78	A Novel Y319H Substitution in CYP51C Associated with Azole Resistance in Aspergillus flavus. Antimicrobial Agents and Chemotherapy, 2015, 59, 6615-6619.	1.4	58
79	Potent Synergistic In Vitro Interaction between Nonantimicrobial Membrane-Active Compounds and Itraconazole against Clinical Isolates of Aspergillus fumigatus Resistant to Itraconazole. Antimicrobial Agents and Chemotherapy, 2004, 48, 1335-1343.	1.4	55
80	A retrospective analysis using Monte Carlo simulation to evaluate recommended ceftazidime dosing regimens in healthy volunteers, patients with cystic fibrosis, and patients in the intensive care unit. Clinical Therapeutics, 2005, 27, 762-772.	1.1	55
81	Comparison of Pharmacodynamics of Azithromycin and Erythromycin In Vitro and In Vivo. Antimicrobial Agents and Chemotherapy, 1998, 42, 377-382.	1.4	54
82	Molecular Detection of the Macrolide Efflux Gene: To Discriminate or Not To Discriminate between mef (A) and mef (E). Antimicrobial Agents and Chemotherapy, 2005, 49, 1271-1278.	1.4	54
83	Tigecycline Is Highly Efficacious against Mycobacterium abscessus Pulmonary Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 2895-2900.	1.4	54
84	Pulmonary surfactant as vehicle for intratracheally instilled tobramycin in mice infected with Klebsiella pneumoniae. British Journal of Pharmacology, 1996, 119, 1145-1148.	2.7	53
85	Extensive Genetic Diversity within the Dutch Clinical Cryptococcus neoformans Population. Journal of Clinical Microbiology, 2012, 50, 1918-1926.	1.8	53
86	Towards Rational Dosing Algorithms for Vancomycin in Neonates and Infants Based on Population Pharmacokinetic Modeling. Antimicrobial Agents and Chemotherapy, 2016, 60, 1013-1021.	1.4	53
87	Inhaled antibiotics: dry or wet?. European Respiratory Journal, 2014, 44, 1308-1318.	3.1	52
88	Population Pharmacokinetic Analysis of Nonlinear Behavior of Piperacillin during Intermittent or Continuous Infusion in Patients with Cystic Fibrosis. Antimicrobial Agents and Chemotherapy, 2003, 47, 541-547.	1.4	51
89	Concentration-dependency of Î²-lactam-induced filament formation in Gram-negative bacteria. Clinical Microbiology and Infection, 2008, 14, 344-349.	2.8	51
90	Diagnostic and medical needs for therapeutic drug monitoring of antibiotics. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 791-797.	1.3	51

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91	Efficacy of Antifungal Therapy in a Nonneutropenic Murine Model of Zygomycosis. Antimicrobial Agents and Chemotherapy, 2002, 46, 1953-1959.	1.4	50
92	Pharmacokinetics of Aztreonam in Healthy Subjects and Patients with Cystic Fibrosis and Evaluation of Dose-Exposure Relationships Using Monte Carlo Simulation. Antimicrobial Agents and Chemotherapy, 2007, 51, 3049-3055.	1.4	50
93	Antimicrobial susceptibility testing of Mycobacterium tuberculosis complex isolates â€“ the EUCAST broth microdilution reference method for MIC determination. Clinical Microbiology and Infection, 2020, 26, 1488-1492.	2.8	49
94	Tobramycin population pharmacokinetics in neonates*. Clinical Pharmacology and Therapeutics, 1997, 62, 392-399.	2.3	47
95	Wild-type MIC distribution and epidemiological cut-off values in clinical Legionella pneumophila serogroup 1 isolates. Diagnostic Microbiology and Infectious Disease, 2012, 72, 103-108.	0.8	47
96	Novel model-based dosing guidelines for gentamicin and tobramycin in preterm and term neonates. Journal of Antimicrobial Chemotherapy, 2015, 70, 2074-2077.	1.3	47
97	In vitro susceptibility of 188 clinical and environmental isolates of Aspergillus flavus for the new triazole isavuconazole and seven other antifungal drugs. Mycoses, 2011, 54, e583-9.	1.8	46
98	Colistin plus meropenem for carbapenem-resistant Gram-negative infections: inÂvitro synergism is not associated with better clinical outcomes. Clinical Microbiology and Infection, 2020, 26, 1185-1191.	2.8	46
99	Pharmacokinetics of meropenem in serum and suction blister fluid during continuous and intermittent infusion. Journal of Antimicrobial Chemotherapy, 1991, 28, 911-918.	1.3	45
100	Impact of pharmacodynamics on breakpoint selection for susceptibility testing. Infectious Disease Clinics of North America, 2003, 17, 579-598.	1.9	45
101	Susceptibility of ESBL Escherichia coli and Klebsiella pneumoniae to fosfomycin in the Netherlands and comparison of several testing methods including Etest, MIC test strip, Vitek2, Phoenix and disc diffusion. Journal of Antimicrobial Chemotherapy, 2018, 73, 2380-2387.	1.3	45
102	Improved Efficacy of Ciprofloxacin Administered in Polyethylene Glycol-Coated Liposomes for Treatment of Klebsiella pneumoniae Pneumonia in Rats. Antimicrobial Agents and Chemotherapy, 2001, 45, 1487-1492.	1.4	43
103	Ciprofloxacin in Polyethylene Glycol-Coated Liposomes: Efficacy in Rat Models of Acute or Chronic Pseudomonas aeruginosa Infection. Antimicrobial Agents and Chemotherapy, 2002, 46, 2575-2581.	1.4	43
104	Isolation of ciprofloxacin-resistant Legionella pneumophila in a patient with severe pneumonia. Journal of Antimicrobial Chemotherapy, 2014, 69, 2869-2871.	1.3	43
105	Pharmacokinetics and Penetration of Ceftazidime and Avibactam into Epithelial Lining Fluid in Thigh- and Lung-Infected Mice. Antimicrobial Agents and Chemotherapy, 2015, 59, 2299-2304.	1.4	43
106	In vitro activity of isavuconazole against 208 Aspergillus flavus isolates in comparison with 7 other antifungal agents: assessment according to the methodology of the European Committee on Antimicrobial Susceptibility Testing. Diagnostic Microbiology and Infectious Disease, 2011, 71, 370-377.	0.8	42
107	Global survey of polymyxin use: A call for international guidelines. Journal of Global Antimicrobial Resistance, 2013, 1, 131-134.	0.9	42
108	Resistance of Asian Cryptococcus neoformans Serotype A Is Confined to Few Microsatellite Genotypes. PLoS ONE, 2012, 7, e32868.	1.1	42

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109	Pharmacokinetics of Clindamycin in Pregnant Women in the Peripartum Period. Antimicrobial Agents and Chemotherapy, 2010, 54, 2175-2181.	1.4	41
110	Multicentre open-label randomised controlled trial to compare colistin alone with colistin plus meropenem for the treatment of severe infections caused by carbapenem-resistant Gram-negative infections (AIDA): a study protocol. BMJ Open, 2016, 6, e009956.	0.8	41
111	Failure of the Amikacin, Cefoxitin, and Clarithromycin Combination Regimen for Treating Pulmonary Mycobacterium abscessus Infection. Antimicrobial Agents and Chemotherapy, 2016, 60, 6374-6376.	1.4	41
112	Amikacin Pharmacokinetics/Pharmacodynamics in a Novel Hollow-Fiber Mycobacterium abscessus Disease Model. Antimicrobial Agents and Chemotherapy, 2016, 60, 1242-1248.	1.4	41
113	Combination chemotherapy for the treatment of invasive infections by Scedosporium prolificans. Clinical Microbiology and Infection, 2000, 6, 336-337.	2.8	39
114	Pneumolysin Is a Key Factor in Misidentification of Macrolide-Resistant Streptococcus pneumoniae and Is a Putative Virulence Factor of S. mitis and Other Streptococci. Journal of Clinical Microbiology, 2004, 42, 4355-4357.	1.8	39
115	Multicentre validation of 4-well azole agar plates as a screening method for detection of clinically relevant azole-resistant Aspergillus fumigatus. Journal of Antimicrobial Chemotherapy, 2017, 72, 3325-3333.	1.3	39
116	Pharmacodynamics and Dose-Response Relationships of Liposomal Amphotericin B against Different Azole-Resistant Aspergillus fumigatus Isolates in a Murine Model of Disseminated Aspergillosis. Antimicrobial Agents and Chemotherapy, 2013, 57, 1866-1871.	1.4	38
117	Isavuconazole, a broad-spectrum triazole for the treatment of systemic fungal diseases. Expert Review of Anti-Infective Therapy, 2015, 13, 9-27.	2.0	37
118	In Vitro Activity of Ceftazidime-Avibactam Combination in In Vitro Checkerboard Assays. Antimicrobial Agents and Chemotherapy, 2015, 59, 1138-1144.	1.4	37
119	Pharmacodynamics of Imipenem in Combination with Î²-Lactamase Inhibitor MK7655 in a Murine Thigh Model. Antimicrobial Agents and Chemotherapy, 2015, 59, 790-795.	1.4	37
120	The fate of inhaled antibiotics after deposition in cystic fibrosis: How to get drug to the bug?. Journal of Cystic Fibrosis, 2017, 16, 13-23.	0.3	37
121	An alternative strategy for combination therapy: Interactions between polymyxin B and non-antibiotics. International Journal of Antimicrobial Agents, 2019, 53, 34-39.	1.1	37
122	Population pharmacokinetics of vancomycin in obesity: Finding the optimal dose for (morbidly) obese individuals. British Journal of Clinical Pharmacology, 2020, 86, 303-317.	1.1	37
123	Failure of Posaconazole Therapy in a Renal Transplant Patient with Invasive Aspergillosis Due to Aspergillus fumigatus with Attenuated Susceptibility to Posaconazole. Antimicrobial Agents and Chemotherapy, 2011, 55, 3564-3566.	1.4	35
124	Chlamydia antibody testing and diagnosing tubal pathology in subfertile women: an individual patient data meta-analysis. Human Reproduction Update, 2011, 17, 301-310.	5.2	35
125	In Vitro Interaction of Voriconazole and Anidulafungin against Triazole-Resistant Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2013, 57, 796-803.	1.4	35
126	Duration and Clinical Relevance of Postantibiotic Effect in Relation to the Dosing Interval. Antimicrobial Agents and Chemotherapy, 1998, 42, 749-754.	1.4	34

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127	Extended-Interval dosing of tobramycin in neonates: Implications for therapeutic drug monitoring. Clinical Pharmacology and Therapeutics, 2002, 71, 349-358.	2.3	33
128	A fast and sensitive LCâ€“MS/MS method for the quantification of fosfomycin in human urine and plasma using one sample preparation method and HILIC chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 263-269.	1.2	33
129	Amphotericin B- and Voriconazole-Echinocandin Combinations against Aspergillus spp.: Effect of Serum on Inhibitory and Fungicidal Interactions. Antimicrobial Agents and Chemotherapy, 2013, 57, 4656-4663.	1.4	32
130	Combination of Pantothenamides with Vanin Inhibitors as a Novel Antibiotic Strategy against Gram-Positive Bacteria. Antimicrobial Agents and Chemotherapy, 2013, 57, 4794-4800.	1.4	32
131	Exogenous pulmonary surfactant as a drug delivering agent: influence of antibiotics on surfactant activity. British Journal of Pharmacology, 1996, 118, 593-598.	2.7	31
132	Guide-free Cas9 from pathogenic Campylobacter jejuni bacteria causes severe damage to DNA. Science Advances, 2020, 6, eaaz4849.	4.7	31
133	Eucast Technical Note on daptomycin. Clinical Microbiology and Infection, 2006, 12, 599-601.	2.8	30
134	Pharmacodynamics of Ceftolozane Combined with Tazobactam against Enterobacteriaceae in a Neutropenic Mouse Thigh Model. Antimicrobial Agents and Chemotherapy, 2016, 60, 7272-7279.	1.4	30
135	In Vitro Antifungal Susceptibility Testing of Candida Isolates with the EUCAST Methodology, a New Method for ECOFF Determination. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	30
136	Fosfomycin efficacy and emergence of resistance among Enterobacteriaceae in an in vitro dynamic bladder infection model. Journal of Antimicrobial Chemotherapy, 2018, 73, 709-719.	1.3	30
137	Isavuconazole susceptibility of clinical Aspergillus fumigatus isolates and feasibility of isavuconazole dose escalation to treat isolates with elevated MICs. Journal of Antimicrobial Chemotherapy, 2018, 73, 134-142.	1.3	29
138	Susceptibility breakpoints and target values for therapeutic drug monitoring of voriconazole and Aspergillus fumigatus in an in vitro pharmacokinetic/pharmacodynamic model. Journal of Antimicrobial Chemotherapy, 2014, 69, 1611-1619.	1.3	28
139	Antimicrobial prescription patterns of veterinarians: introduction of a benchmarking approach. Journal of Antimicrobial Chemotherapy, 2015, 70, 2423-2425.	1.3	28
140	Effect of Dosing and Dosing Frequency on the Efficacy of Ceftizoxime and the Emergence of Ceftizoxime Resistance during the Early Development of Murine Abscesses Caused by Bacteroides fragilis and Enterobacter cloacae Mixed Infection. Antimicrobial Agents and Chemotherapy, 2007, 51, 3605-3611.	1.4	27
141	Shortening the incubation time for antimicrobial susceptibility testing by disk diffusion for Enterobacteriaceae: how short can it be and are the results accurate?. International Journal of Antimicrobial Agents, 2017, 49, 631-637.	1.1	27
142	Aerosol therapy in cystic fibrosis: A survey of 54 CF centers. Pediatric Pulmonology, 2000, 30, 368-376.	1.0	26
143	Relationship Between Minimum Inhibitory Concentration and Stationary Concentration Revisited. Clinical Pharmacokinetics, 2005, 44, 767-768.	1.6	26
144	In Vitro Activities at pH 5.0 and pH 7.0 and In Vivo Efficacy of Flucytosine against Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2008, 52, 4483-4485.	1.4	26

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145	Monte Carlo Simulations Based on Phase 1 Studies Predict Target Attainment of Ceftobiprole in Nosocomial Pneumonia Patients: a Validation Study. Antimicrobial Agents and Chemotherapy, 2013, 57, 2047-2053.	1.4	26
146	Effect of Treatment Duration on Pharmacokinetic/Pharmacodynamic Indices Correlating with Therapeutic Efficacy of Ceftazidime in Experimental Klebsiella pneumoniae Lung Infection. Antimicrobial Agents and Chemotherapy, 2006, 50, 2919-2925.	1.4	25
147	The Strength of Synergistic Interaction between Posaconazole and Caspofungin Depends on the Underlying Azole Resistance Mechanism of Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2015, 59, 1738-1744.	1.4	25
148	Moxifloxacin's Limited Efficacy in the Hollow-Fiber Model of Mycobacterium abscessus Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 3779-3785.	1.4	25
149	Pharmacodynamics of fosfomycin against ESBL- and/or carbapenemase-producing Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2017, 72, 3374-3381.	1.3	25
150	Method for Measuring Postantifungal Effect in Aspergillus Species. Antimicrobial Agents and Chemotherapy, 2002, 46, 1960-1965.	1.4	24
151	The epidemiology of vaginal colonisation with group B streptococci in a sexually transmitted disease clinic. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2002, 105, 177-180.	0.5	24
152	Continuous administration of PBP-2- and PBP-3-specific Î²-lactams causes higher cytokine responses in murine Pseudomonas aeruginosa and Escherichia coli sepsis. Journal of Antimicrobial Chemotherapy, 2007, 59, 926-933.	1.3	24
153	Lung clearance of intratracheally instilled 99m Tc-tobramycin using pulmonary surfactant as vehicle. British Journal of Pharmacology, 1999, 126, 1091-1096.	2.7	23
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