

Hartmut Derendorf

List of Publications by Citations

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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.

395
papers

14,612
citations

62
h-index

103
g-index

415
ext. papers

16,033
ext. citations

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6.44
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| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 395 | Pharmacokinetics and bioavailability of quercetin glycosides in humans. <i>Journal of Clinical Pharmacology</i> , 2001 , 41, 492-9 | 2.9 | 423 |
| 394 | Standardization of pharmacokinetic/pharmacodynamic (PK/PD) terminology for anti-infective drugs: an update. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 55, 601-7 | 5.1 | 387 |
| 393 | Pharmacokinetic/pharmacodynamic profile of voriconazole. <i>Clinical Pharmacokinetics</i> , 2006 , 45, 649-63 | 6.2 | 309 |
| 392 | How important are gender differences in pharmacokinetics?. <i>Clinical Pharmacokinetics</i> , 2002 , 41, 329-42 | 6.2 | 297 |
| 391 | Tissue concentrations: do we ever learn?. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 61, 235-7 | 5.1 | 274 |
| 390 | Absorption, metabolism, and antioxidant effects of pomegranate (<i>Punica granatum</i> L.) polyphenols after ingestion of a standardized extract in healthy human volunteers. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 8956-61 | 5.7 | 249 |
| 389 | Significance of protein binding in pharmacokinetics and pharmacodynamics. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 1107-22 | 3.9 | 222 |
| 388 | Modeling of pharmacokinetic/pharmacodynamic (PK/PD) relationships: concepts and perspectives. <i>Pharmaceutical Research</i> , 1999 , 16, 176-85 | 4.5 | 219 |
| 387 | Issues in pharmacokinetics and pharmacodynamics of anti-infective agents: kill curves versus MIC. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 369-77 | 5.9 | 216 |
| 386 | Pharmacokinetics and bioavailability of herbal medicinal products. <i>Phytomedicine</i> , 2002 , 9 Suppl 3, 1-33 | 6.5 | 201 |
| 385 | Pharmacokinetic and pharmacodynamic changes in the elderly. Clinical implications. <i>Clinical Pharmacokinetics</i> , 1998 , 35, 49-64 | 6.2 | 201 |
| 384 | Pharmacokinetics and pharmacodynamics of glucocorticoid suspensions after intra-articular administration. <i>Clinical Pharmacology and Therapeutics</i> , 1986 , 39, 313-7 | 6.1 | 201 |
| 383 | Issues in pharmacokinetics and pharmacodynamics of anti-infective agents: distribution in tissue. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1441-53 | 5.9 | 197 |
| 382 | Protein binding: do we ever learn?. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3067-74 | 5.9 | 181 |
| 381 | Inhaled corticosteroids: past lessons and future issues. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, S1-40 | 11.5 | 180 |
| 380 | Pharmacokinetics of anthocyanins and antioxidant effects after the consumption of anthocyanin-rich acai juice and pulp (<i>Euterpe oleracea</i> Mart.) in human healthy volunteers. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7796-802 | 5.7 | 175 |
| 379 | Relevance of pharmacokinetics and pharmacodynamics of inhaled corticosteroids to asthma. <i>European Respiratory Journal</i> , 2006 , 28, 1042-50 | 13.6 | 174 |

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| 378 | Bioavailability and pharmacokinetics of caffeoylquinic acids and flavonoids after oral administration of Artichoke leaf extracts in humans. <i>Phytomedicine</i> , 2005 , 12, 28-38 | 6.5 | 169 |
| 377 | Basic concepts of pharmacokinetic/pharmacodynamic (PK/PD) modelling. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 1997 , 35, 401-13 | 2 | 164 |
| 376 | Pharmacokinetics and pharmacodynamics of inhaled corticosteroids. <i>Journal of Allergy and Clinical Immunology</i> , 1998 , 101, S440-6 | 11.5 | 157 |
| 375 | Molecular and clinical pharmacology of intranasal corticosteroids: clinical and therapeutic implications. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008 , 63, 1292-300 | 9.3 | 154 |
| 374 | Differences in drug pharmacokinetics between East Asians and Caucasians and the role of genetic polymorphisms. <i>Journal of Clinical Pharmacology</i> , 2004 , 44, 1083-105 | 2.9 | 148 |
| 373 | Duffy antigen modifies the chemokine response in human endotoxemia. <i>Critical Care Medicine</i> , 2008 , 36, 159-65 | 1.4 | 136 |
| 372 | Hyperforin in St. John's wort drug interactions. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 225-28 | | 133 |
| 371 | Rational dosing of antibiotics: the use of plasma concentrations versus tissue concentrations. <i>International Journal of Antimicrobial Agents</i> , 2002 , 19, 285-90 | 14.3 | 133 |
| 370 | Microdialysis in peripheral tissues. <i>Advanced Drug Delivery Reviews</i> , 2000 , 45, 189-216 | 18.5 | 127 |
| 369 | Gender differences in pharmacokinetics and pharmacodynamics. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 1999 , 37, 529-47 | 2 | 127 |
| 368 | Pharmacokinetics and oral bioavailability of hydrocortisone. <i>Journal of Clinical Pharmacology</i> , 1991 , 31, 473-6 | 2.9 | 112 |
| 367 | Pharmacokinetic/pharmacodynamic modeling in drug research and development. <i>Journal of Clinical Pharmacology</i> , 2000 , 40, 1399-418 | 2.9 | 111 |
| 366 | Systemic availability and pharmacokinetics of thymol in humans. <i>Journal of Clinical Pharmacology</i> , 2002 , 42, 731-7 | 2.9 | 110 |
| 365 | Receptor-based pharmacokinetic-pharmacodynamic analysis of corticosteroids. <i>Journal of Clinical Pharmacology</i> , 1993 , 33, 115-23 | 2.9 | 105 |
| 364 | Pharmacokinetic/pharmacodynamic studies in drug product development. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 18-31 | 3.9 | 103 |
| 363 | Pharmacokinetic/pharmacodynamic profile of posaconazole. <i>Clinical Pharmacokinetics</i> , 2010 , 49, 379-96 | 6.2 | 102 |
| 362 | Microdialysis. A novel tool for clinical studies of anti-infective agents. <i>European Journal of Clinical Pharmacology</i> , 2001 , 57, 211-9 | 2.8 | 100 |
| 361 | Pharmacokinetic and pharmacodynamic properties of inhaled corticosteroids in relation to efficacy and safety. <i>Respiratory Medicine</i> , 1997 , 91 Suppl A, 22-8 | 4.6 | 96 |

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| 360 | Variation of flavonoids and furanocoumarins in grapefruit juices: a potential source of variability in grapefruit juice-drug interaction studies. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 249-55 | 5.7 | 93 |
| 359 | Importance of relating efficacy measures to unbound drug concentrations for anti-infective agents. <i>Clinical Microbiology Reviews</i> , 2013 , 26, 274-88 | 34 | 92 |
| 358 | Ertapenem in critically ill patients with early-onset ventilator-associated pneumonia: pharmacokinetics with special consideration of free-drug concentration. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 59, 277-84 | 5.1 | 91 |
| 357 | How the lung handles drugs: pharmacokinetics and pharmacodynamics of inhaled corticosteroids. <i>Proceedings of the American Thoracic Society</i> , 2004 , 1, 356-63 | | 88 |
| 356 | Grapefruit-drug interactions: can interactions with drugs be avoided?. <i>Journal of Clinical Pharmacology</i> , 2006 , 46, 1390-416 | 2.9 | 87 |
| 355 | Pharmacokinetic/pharmacodynamic aspects of aerosol therapy using glucocorticoids as a model. <i>Journal of Clinical Pharmacology</i> , 1997 , 37, 881-92 | 2.9 | 86 |
| 354 | Standardization of pharmacokinetic/pharmacodynamic (PK/PD) terminology for anti-infective drugs. <i>International Journal of Antimicrobial Agents</i> , 2002 , 19, 355-8 | 14.3 | 83 |
| 353 | Pharmacokinetics of triamcinolone acetonide after intravenous, oral, and inhaled administration. <i>Journal of Clinical Pharmacology</i> , 1995 , 35, 302-5 | 2.9 | 81 |
| 352 | Pharmacokinetics and bioavailability of the flavonol quercetin in humans. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 1999 , 37, 219-33 | 2 | 81 |
| 351 | Effect of protein binding on the pharmacological activity of highly bound antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3994-4000 | 5.9 | 79 |
| 350 | Risk-benefit value of inhaled glucocorticoids: a pharmacokinetic/pharmacodynamic perspective. <i>Journal of Clinical Pharmacology</i> , 2004 , 44, 37-47 | 2.9 | 79 |
| 349 | Once-daily tobramycin in cystic fibrosis: better for clinical outcome than thrice-daily tobramycin but more resistance development?. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 58, 822-9 | 5.1 | 77 |
| 348 | Grapefruit juice-drug interactions: Grapefruit juice and its components inhibit P-glycoprotein (ABCB1) mediated transport of talinolol in Caco-2 cells. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 2808-17 | 3.9 | 73 |
| 347 | Pharmacokinetics and pharmacodynamics of ponesimod, a selective S1P1 receptor modulator, in the first-in-human study. <i>British Journal of Clinical Pharmacology</i> , 2013 , 76, 888-96 | 3.8 | 72 |
| 346 | AAPS-FDA Workshop White Paper: microdialysis principles, application, and regulatory perspectives. <i>Journal of Clinical Pharmacology</i> , 2007 , 47, 589-603 | 2.9 | 70 |
| 345 | Microdialysis for in vivo pharmacokinetic/pharmacodynamic characterization of anti-infective drugs. <i>Current Opinion in Pharmacology</i> , 2005 , 5, 495-9 | 5.1 | 70 |
| 344 | Physiological, pharmacokinetic, and pharmacodynamic changes in space. <i>Journal of Clinical Pharmacology</i> , 2004 , 44, 837-53 | 2.9 | 70 |
| 343 | Desensitization of brain opiate receptor mechanisms by gonadal steroid treatments that stimulate luteinizing hormone secretion. <i>Endocrinology</i> , 1988 , 122, 2718-26 | 4.8 | 70 |

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| 342 | Interstitial tissue concentrations of cefpodoxime. <i>Journal of Antimicrobial Chemotherapy</i> , 2002 , 50 Suppl, 19-22 | 5.1 | 69 |
| 341 | Comparative pharmacology, bioavailability, pharmacokinetics, and pharmacodynamics of inhaled glucocorticosteroids. <i>Immunology and Allergy Clinics of North America</i> , 2005 , 25, 469-88 | 3.3 | 67 |
| 340 | PK/PD: new insights for antibacterial and antiviral applications. <i>Current Opinion in Pharmacology</i> , 2008 , 8, 549-56 | 5.1 | 66 |
| 339 | Pharmacokinetics of triamcinolone acetonide and its phosphate ester. <i>European Journal of Clinical Pharmacology</i> , 1985 , 29, 85-9 | 2.8 | 66 |
| 338 | In vitro pharmacodynamic models to determine the effect of antibacterial drugs. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 186-201 | 5.1 | 65 |
| 337 | Ceftobiprole: a novel cephalosporin with activity against Gram-positive and Gram-negative pathogens, including methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>International Journal of Antimicrobial Agents</i> , 2009 , 34, 1-7 | 14.3 | 64 |
| 336 | Soft tissue penetration of cefuroxime determined by clinical microdialysis in morbidly obese patients undergoing abdominal surgery. <i>International Journal of Antimicrobial Agents</i> , 2009 , 34, 231-5 | 14.3 | 63 |
| 335 | Tobacco smoke exposure induces nicotine dependence in rats. <i>Psychopharmacology</i> , 2010 , 208, 143-58 | 4.7 | 63 |
| 334 | Characterizing the effects of caspofungin on <i>Candida albicans</i> , <i>Candida parapsilosis</i> , and <i>Candida glabrata</i> isolates by simultaneous time-kill and postantifungal-effect experiments. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 2569-72 | 5.9 | 62 |
| 333 | Pharmacokinetics of dexamethasone and its phosphate ester. <i>Biopharmaceutics and Drug Disposition</i> , 1987 , 8, 205-12 | 1.7 | 62 |
| 332 | PA-824 exhibits time-dependent activity in a murine model of tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 239-45 | 5.9 | 61 |
| 331 | Pharmacokinetics of piperacillin-tazobactam: intermittent dosing versus continuous infusion. <i>International Journal of Antimicrobial Agents</i> , 2005 , 25, 62-7 | 14.3 | 61 |
| 330 | Pharmacokinetic and pharmacodynamic evaluation of fluticasone propionate after inhaled administration. <i>European Journal of Clinical Pharmacology</i> , 1998 , 53, 459-67 | 2.8 | 60 |
| 329 | Pharmacokinetic-pharmacodynamic profile of systemic nitric oxide-synthase inhibition with L-NMMA in humans. <i>British Journal of Clinical Pharmacology</i> , 1999 , 47, 539-44 | 3.8 | 59 |
| 328 | Dipyridamole bioavailability in subjects with reduced gastric acidity. <i>Journal of Clinical Pharmacology</i> , 2005 , 45, 845-50 | 2.9 | 58 |
| 327 | A combined in vivo pharmacokinetic-in vitro pharmacodynamic approach to simulate target site pharmacodynamics of antibiotics in humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2000 , 46, 733-9 | 5.1 | 58 |
| 326 | When is protein binding important?. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 3458-67 | 3.9 | 56 |
| 325 | Pharmacokinetic Studies of Florfenicol in Koi Carp and Threespot Gourami <i>Trichogaster trichopterus</i> after Oral and Intramuscular Treatment. <i>Journal of Aquatic Animal Health</i> , 2005 , 17, 129-137 ^{2.6} | 2.6 | 56 |

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| 324 | Pharmacokinetic herb-drug interactions: are preventive screenings necessary and appropriate?. <i>Planta Medica</i> , 2004 , 70, 784-91 | 3.1 | 56 |
| 323 | Pharmacokinetic-pharmacodynamic modeling of the antibiotic effect of piperacillin in vitro. <i>Pharmaceutical Research</i> , 1996 , 13, 91-6 | 4.5 | 56 |
| 322 | Clinical microdialysis in skin and soft tissues: an update. <i>Journal of Clinical Pharmacology</i> , 2008 , 48, 351-64 | 4.9 | 55 |
| 321 | Pharmacodynamic activity of the lantibiotic MU1140. <i>International Journal of Antimicrobial Agents</i> , 2009 , 33, 70-4 | 14.3 | 53 |
| 320 | Clinical pharmacokinetics and pharmacodynamics of tigecycline. <i>Clinical Pharmacokinetics</i> , 2009 , 48, 575-84 | 4.4 | 53 |
| 319 | Penetration of ertapenem into skeletal muscle and subcutaneous adipose tissue in healthy volunteers measured by in vivo microdialysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 58, 632-6 | 5.1 | 51 |
| 318 | Improved delivery through biological membranes. XXXL: Solubilization and stabilization of an estradiol chemical delivery system by modified beta-cyclodextrins. <i>Journal of Pharmaceutical Sciences</i> , 1988 , 77, 981-5 | 3.9 | 51 |
| 317 | Towards precision dosing of vancomycin: a systematic evaluation of pharmacometric models for Bayesian forecasting. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 1286.e1-1286.e7 | 9.5 | 50 |
| 316 | Pharmacokinetics and pharmacodynamics of tilmicosin in sheep and cattle. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 1998 , 21, 444-52 | 1.4 | 50 |
| 315 | Kinetics of methylprednisolone and its hemisuccinate ester. <i>Clinical Pharmacology and Therapeutics</i> , 1985 , 37, 502-7 | 6.1 | 50 |
| 314 | Comparison of the pharmacokinetic properties of vancomycin, linezolid, tigecyclin, and daptomycin. <i>European Journal of Medical Research</i> , 2010 , 15, 533-43 | 4.8 | 49 |
| 313 | Clinical microdialysis: Current applications and potential use in drug development. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 674-680 | 14.6 | 49 |
| 312 | Drugs in space: Pharmacokinetics and pharmacodynamics in astronauts. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 109S, S2-S8 | 5.1 | 48 |
| 311 | Comparison of plasma and free tissue levels of ceftriaxone in rats by microdialysis. <i>Journal of Pharmaceutical Sciences</i> , 1997 , 86, 52-6 | 3.9 | 48 |
| 310 | Biowaiver monographs for immediate release solid oral dosage forms: prednisolone. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 27-37 | 3.9 | 48 |
| 309 | Pharmacokinetic and pharmacodynamic properties of inhaled ciclesonide. <i>Journal of Clinical Pharmacology</i> , 2007 , 47, 782-9 | 2.9 | 48 |
| 308 | Antimicrobial tissue concentrations. <i>Infectious Disease Clinics of North America</i> , 2003 , 17, 599-613 | 6.5 | 48 |
| 307 | Class-dependent relevance of tissue distribution in the interpretation of anti-infective pharmacokinetic/pharmacodynamic indices. <i>International Journal of Antimicrobial Agents</i> , 2010 , 35, 431-8 | 14.3 | 47 |

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| 306 | Dynamic modeling of cortisol reduction after inhaled administration of fluticasone propionate. <i>Journal of Clinical Pharmacology</i> , 1996 , 36, 938-41 | 2.9 | 47 |
| 305 | Pharmacokinetic-pharmacodynamic modelling of antibacterial activity of cefpodoxime and cefixime in in vitro kinetic models. <i>International Journal of Antimicrobial Agents</i> , 2005 , 25, 120-9 | 14.3 | 47 |
| 304 | Skin and soft tissue concentrations of tedizolid (formerly torezolid), a novel oxazolidinone, following a single oral dose in healthy volunteers. <i>International Journal of Antimicrobial Agents</i> , 2012 , 40, 51-4 | 14.3 | 46 |
| 303 | Pharmacokinetic and pharmacodynamic evaluation of triamcinolone acetonide after intravenous, oral, and inhaled administration. <i>Journal of Clinical Pharmacology</i> , 1995 , 35, 1187-93 | 2.9 | 46 |
| 302 | HPLC determination of glucocorticoid alcohols, their phosphates and hydrocortisone in aqueous solutions and biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1986 , 4, 197-206 | 3.5 | 46 |
| 301 | Pharmacokinetics of methylprednisolone and prednisolone after single and multiple oral administration. <i>Journal of Clinical Pharmacology</i> , 1997 , 37, 916-25 | 2.9 | 45 |
| 300 | Tissue penetration of cefpodoxime into the skeletal muscle and lung in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 25, 439-44 | 5.1 | 45 |
| 299 | Mathematical modeling of cortisol circadian rhythm and cortisol suppression. <i>European Journal of Pharmaceutical Sciences</i> , 1996 , 4, 341-350 | 5.1 | 44 |
| 298 | Role of microdialysis in pharmacokinetics and pharmacodynamics: current status and future directions. <i>Clinical Pharmacokinetics</i> , 2014 , 53, 205-212 | 6.2 | 43 |
| 297 | Effect of grapefruit juice, naringin, naringenin, and bergamottin on the intestinal carrier-mediated transport of talinolol in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 4840-5 | 5.7 | 43 |
| 296 | Pharmacokinetic/pharmacodynamic evaluation of deflazacort in comparison to methylprednisolone and prednisolone. <i>Pharmaceutical Research</i> , 1995 , 12, 1096-100 | 4.5 | 42 |
| 295 | Effect of fat distribution on the pharmacokinetics of cortisol in obesity. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 1998 , 36, 501-5 | 2 | 42 |
| 294 | Pharmacokinetic and pharmacodynamic evaluation of the lantibiotic MU1140. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 2521-8 | 3.9 | 41 |
| 293 | Population pharmacokinetics of intramuscular quinine in children with severe malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 1803-9 | 5.9 | 40 |
| 292 | Ertapenem: the new carbapenem 5 years after first FDA licensing for clinical practice. <i>Expert Opinion on Pharmacotherapy</i> , 2007 , 8, 237-56 | 4 | 39 |
| 291 | Evaluation of a brain-targeting zidovudine chemical delivery system in dogs. <i>Antimicrobial Agents and Chemotherapy</i> , 1997 , 41, 122-8 | 5.9 | 38 |
| 290 | Pharmacokinetic/pharmacodynamic modeling of in vitro activity of azithromycin against four different bacterial strains. <i>International Journal of Antimicrobial Agents</i> , 2007 , 29, 263-70 | 14.3 | 38 |
| 289 | Penetration of cefaclor into the interstitial space fluid of skeletal muscle and lung tissue in rats. <i>Pharmaceutical Research</i> , 2001 , 18, 1310-4 | 4.5 | 38 |

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| 288 | Population kinetics, efficacy, and safety of dichloroacetate for lactic acidosis due to severe malaria in children. <i>Journal of Clinical Pharmacology</i> , 2003 , 43, 386-96 | 2.9 | 36 |
| 287 | Pharmacokinetics and pharmacodynamics in antibiotic dose optimization. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 93-114 | 5.5 | 35 |
| 286 | Determination of free extracellular concentrations of piperacillin by microdialysis. <i>Journal of Pharmaceutical Sciences</i> , 1996 , 85, 369-72 | 3.9 | 35 |
| 285 | Lung Tissue Concentrations of Pyrazinamide among Patients with Drug-Resistant Pulmonary Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 34 |
| 284 | Intravenous and oral pharmacokinetic evaluation of a 2-hydroxypropyl-beta-cyclodextrin-based formulation of carbamazepine in the dog: comparison with commercially available tablets and suspensions. <i>Journal of Pharmaceutical Sciences</i> , 1997 , 86, 335-9 | 3.9 | 34 |
| 283 | Single- and multiple-dose pharmacokinetics of oral creatine. <i>Journal of Clinical Pharmacology</i> , 2003 , 43, 29-37 | 2.9 | 34 |
| 282 | A sensitive LC-MS/MS method for the quantification of fluticasone propionate in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 22, 123-9 | 3.5 | 33 |
| 281 | Disposition of cefotaxime and its desacetyl metabolite in morbidly obese male and female subjects. <i>Therapeutic Drug Monitoring</i> , 1986 , 8, 189-94 | 3.2 | 33 |
| 280 | Sex related differences on valproic acid pharmacokinetics after oral single dose. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2013 , 40, 479-86 | 2.7 | 32 |
| 279 | Biowaiver monographs for immediate release solid oral dosage forms: prednisone. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 1480-9 | 3.9 | 32 |
| 278 | Microdialysis as a tool in local pharmacodynamics. <i>AAPS Journal</i> , 2006 , 8, E222-35 | 3.7 | 32 |
| 277 | Pharmacokinetics and pharmacodynamics of dexamethasone sodium-m-sulfobenzoate (DS) after intravenous and intramuscular administration: a comparison with dexamethasone phosphate (DP). <i>Journal of Clinical Pharmacology</i> , 2001 , 41, 425-34 | 2.9 | 32 |
| 276 | Pharmacokinetic-pharmacodynamic modelling of the in vitro anti-infective effect of piperacillin-tazobactam combinations. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 1997 , 35, 426-33 | 2 | 32 |
| 275 | Pharmacokinetic/pharmacodynamic evaluation of anti-infective agents. <i>Expert Review of Anti-Infective Therapy</i> , 2005 , 3, 361-73 | 5.5 | 31 |
| 274 | Sensitive liquid chromatography assay for the determination of amikacin in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1991 , 9, 251-4 | 3.5 | 31 |
| 273 | The use of 2-hydroxypropyl-β-cyclodextrin as a vehicle for intravenous administration of dexamethasone in dogs. <i>International Journal of Pharmaceutics</i> , 1990 , 59, 225-230 | 6.5 | 31 |
| 272 | High-performance liquid chromatographic assay of a central nervous system (CNS)-directed estradiol chemical delivery system and its application after intravenous administration to rats. <i>Pharmaceutical Research</i> , 1988 , 5, 172-7 | 4.5 | 31 |
| 271 | Relationship between serum and free interstitial concentrations of cefodizime and cefpirome in muscle and subcutaneous adipose tissue of healthy volunteers measured by microdialysis. <i>Journal of Clinical Pharmacology</i> , 1997 , 37, 1108-13 | 2.9 | 30 |

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| 270 | Potential of pharmacokinetic profiling for detecting herbal interactions with drugs. <i>Clinical Pharmacokinetics</i> , 2008 , 47, 383-97 | 6.2 | 30 |
| 269 | Isolation and HPLC quantitative analysis of antioxidant flavonoids from <i>Alternanthera tenella</i> Colla. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006 , 61, 19-25 | 1.7 | 30 |
| 268 | Penetration of ertapenem into different pulmonary compartments of patients undergoing lung surgery. <i>Journal of Clinical Pharmacology</i> , 2005 , 45, 659-65 | 2.9 | 30 |
| 267 | Determination of free interstitial concentrations of piperacillin-tazobactam combinations by microdialysis. <i>Journal of Antimicrobial Chemotherapy</i> , 1998 , 42, 769-78 | 5.1 | 30 |
| 266 | Pharmacokinetic characterization and tissue distribution of the new glucocorticoid soft drug loteprednol etabonate in rats and dogs. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 1210-5 | 3.9 | 30 |
| 265 | Soft-tissue penetration of ceftobiprole in healthy volunteers determined by in vivo microdialysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2773-6 | 5.9 | 29 |
| 264 | Single-dose and steady-state pharmacokinetic and pharmacodynamic evaluation of therapeutically clinically equivalent doses of inhaled fluticasone propionate and budesonide, given as Diskus or Turbohaler dry-powder inhalers to healthy subjects. <i>Journal of Clinical Pharmacology</i> , 2001 , 41, 1329-38 | 2.9 | 29 |
| 263 | Cavitary penetration of levofloxacin among patients with multidrug-resistant tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 3149-55 | 5.9 | 28 |
| 262 | Preadolescent tobacco smoke exposure leads to acute nicotine dependence but does not affect the rewarding effects of nicotine or nicotine withdrawal in adulthood in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 95, 401-9 | 3.9 | 28 |
| 261 | Pharmacokinetic/pharmacodynamic (PK/PD) evaluation of a once-daily treatment using ciprofloxacin in an extended-release dosage form. <i>Infection</i> , 2005 , 33 Suppl 2, 22-8 | 5.8 | 28 |
| 260 | Pharmacokinetic-pharmacodynamic modeling of testosterone and luteinizing hormone suppression by cetorelix in healthy volunteers. <i>Journal of Clinical Pharmacology</i> , 2000 , 40, 266-74 | 2.9 | 28 |
| 259 | Electrochemical chromatographic determinations of morphine antagonists in biological fluids, with applications. <i>Journal of Pharmaceutical Sciences</i> , 1984 , 73, 621-4 | 3.9 | 28 |
| 258 | In vitro pharmacokinetics/pharmacodynamics of the combination of avibactam and aztreonam against MDR organisms. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1866-80 | 5.1 | 28 |
| 257 | Enzyme- and transporter-mediated beverage-drug interactions: An update on fruit juices and green tea. <i>Journal of Clinical Pharmacology</i> , 2015 , 55, 1313-31 | 2.9 | 27 |
| 256 | Polymethoxylated flavones and other phenolic derivatives from citrus in their inhibitory effects on P-glycoprotein-mediated transport of talinolol in Caco-2 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 2563-8 | 5.7 | 27 |
| 255 | Pharmacokinetic and pharmacodynamic modeling of cetorelix, an LH-RH antagonist, after subcutaneous administration in healthy premenopausal women. <i>Clinical Pharmacology and Therapeutics</i> , 2000 , 68, 617-25 | 6.1 | 27 |
| 254 | Assessment of glucocorticoid lung targeting by ex-vivo receptor binding studies in rats. <i>Pharmaceutical Research</i> , 1995 , 12, 134-7 | 4.5 | 27 |
| 253 | Pharmacokinetics of intravenous immunoglobulin (Gammagard) in bone marrow transplant patients. <i>Journal of Clinical Pharmacology</i> , 1991 , 31, 1151-4 | 2.9 | 27 |

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| 252 | Pharmacokinetics and dose linearity testing of methylprednisolone phosphate. <i>Biopharmaceutics and Drug Disposition</i> , 1989 , 10, 453-64 | 1.7 | 27 |
| 251 | Pharmacokinetics of para-aminosalicylic acid in HIV-uninfected and HIV-coinfected tuberculosis patients receiving antiretroviral therapy, managed for multidrug-resistant and extensively drug-resistant tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 6242-50 | 5.9 | 26 |
| 250 | The effect of critical illness on drug distribution. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 2030-62.6 | | 26 |
| 249 | Simulation-based sodium thiosulfate dosing strategies for the treatment of calciphylaxis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011 , 6, 1155-9 | 6.9 | 26 |
| 248 | Dependency of cortisol suppression on the administration time of inhaled corticosteroids. <i>Journal of Clinical Pharmacology</i> , 1997 , 37, 704-10 | 2.9 | 26 |
| 247 | AUIC--a general target for the optimization of dosing regimens of antibiotics?. <i>Annals of Pharmacotherapy</i> , 1996 , 30, 1024-8 | 2.9 | 26 |
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