

Dion R Brocks

List of Publications by Year in descending order

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107
papers

3,445
citations

136885

32
h-index

161767

54
g-index

109
all docs

109
docs citations

109
times ranked

4104
citing authors

#	ARTICLE	IF	CITATIONS
1	Piecing together human adult comparative pharmacokinetic trials and rodent studies: What happens to drug clearance in obesity?. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2022, 25, 41-68.	0.9	4
2	Analysis of cycloheximide in rat specimens using liquid chromatography with tandem mass spectrometry detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1190, 123112.	1.2	1
3	Online interviews for the selection of applicants for admission into an entry to practice program in pharmacy: Relationship to performance and student perspectives. <i>Currents in Pharmacy Teaching and Learning</i> , 2021, 13, 616-622.	0.4	4
4	Does a sudden shift of testing format from closed-book to open-book change the characteristics of test scores on summative final exams?. <i>Currents in Pharmacy Teaching and Learning</i> , 2021, 13, 1174-1179.	0.4	3
5	Liquid Chromatography Tandem Mass Spectrometric Analytical Method for Study of Colchicine in Rats Given Low Doses. <i>Processes</i> , 2021, 9, 2007.	1.3	4
6	Dronedarone: the effect of diet-induced obesity on its metabolism and experimental hyperlipidemia on its metabolism and tissue distribution in the rat. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 177-181.	0.7	1
7	Dietary-Induced Obesity, Hepatic Cytochrome P450, and Lidocaine Metabolism: Comparative Effects of High-Fat Diets in Mice and Rats and Reversibility of Effects With Normalization of Diet. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1199-1210.	1.6	8
8	Bayesian estimation of pharmacokinetic parameters: an important component to include in the teaching of clinical pharmacokinetics and therapeutic drug monitoring. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 503.	0.6	10
9	Rectus sheath single-injection blocks: a study to quantify local anaesthetic absorption using serial ultrasound measurements and lidocaine serum concentrations. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1282-1290.	1.2	7
10	Examining the relationship between prerequisite grades and types of academic performance in pharmacy school. <i>Currents in Pharmacy Teaching and Learning</i> , 2018, 10, 695-700.	0.4	12
11	Identification and Characterization of Novel Receptor-Interacting Serine/Threonine-Protein Kinase 2 Inhibitors Using Structural Similarity Analysis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 354-367.	1.3	22
12	Lymphatic Drug Absorption via the Enterocytes: Pharmacokinetic Simulation, Modeling, and Considerations for Optimal Drug Development. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 254s-270s.	0.9	28
13	Positron Emission Tomography (PET) and Pharmacokinetics: Classical Blood Sampling Versus Image-Derived Analysis of [18F]FAZA and [18F]FDG in a Murine Tumor Bearing Model. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 32s-47s.	0.9	6
14	Dietary-Induced Obesity and Changes in the Biodistribution and Metabolism of Amiodarone in the Rat. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2938-2945.	1.6	8
15	Pharmacokinetics of metformin in the rat: assessment of the effect of hyperlipidemia and evidence for its metabolism to guanylurea. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 530-538.	0.7	14
16	The Obesogenic Potency of Various High-Caloric Diet Compositions in Male Rats, and Their Effects on Expression of Liver and Kidney Proteins Involved in Drug Elimination. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1650-1658.	1.6	8
17	Comments on "Effects of Obesity and Leptin Deficiency on Morphine Pharmacokinetics in a Mouse Model" by Dalesio et al. <i>Anesth Analg</i> . 2016;123:1611-1617. <i>Anesthesia and Analgesia</i> , 2017, 125, 361-361.	1.1	0
18	A High-Performance Liquid Chromatography Assay Method for the Determination of Lidocaine in Human Serum. <i>Pharmaceutics</i> , 2017, 9, 52.	2.0	20

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19	Glycemic and Metabolic Effects of Two Long Bouts of Moderate-Intensity Exercise in Men with Normal Glucose Tolerance or Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2017, 8, 154.	1.5	6
20	The pharmacokinetics of dronedarone in normolipidemic and hyperlipidemic rats. <i>Biopharmaceutics and Drug Disposition</i> , 2016, 37, 345-351.	1.1	12
21	Ketoconazole Stereoisomers Differentially Induce Cytochrome P450 1A1 Between Human Hepatoma HepG2 and Mouse Hepatoma Hepa1c1c7 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1318-1326.	1.6	1
22	uSIMPk. An Excel for Windows-based simulation program for instruction of basic pharmacokinetics principles to pharmacy students. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 120, 154-163.	2.6	8
23	Role of Environmental Factors in the Development of Pediatric Eosinophilic Esophagitis. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3364-3372.	1.1	44
24	Effects of serum lipoproteins on cyclosporine A cellular uptake and renal toxicity in vitro. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 140-148.	0.7	11
25	Breast milk concentrations of amiodarone, desethylamiodarone, and bisoprolol following short-term drug exposure: Two case reports. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 828-831.	1.0	8
26	Pharmacokinetics of dronedarone in rat using a newly developed high-performance liquid chromatographic assay method. <i>Biomedical Chromatography</i> , 2014, 28, 1070-1074.	0.8	6
27	A liquid chromatography-mass spectrometric method for the quantification of azithromycin in human plasma. <i>Biomedical Chromatography</i> , 2013, 27, 1012-1017.	0.8	7
28	Effect of Rat Serum Lipoproteins on mRNA Levels and Amiodarone Metabolism by Cultured Primary Rat Hepatocytes. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 262-270.	1.6	9
29	Pharmacokinetic Characterization of Intravenous Cyclosporine Treatment for Cardioprotection During Resuscitation of Asphyxiated Newborn Piglets. <i>Pediatric Critical Care Medicine</i> , 2013, 14, e156-e162.	0.2	0
30	The Single Dose Poloxamer 407 Model of Hyperlipidemia; Systemic Effects on Lipids Assessed Using Pharmacokinetic Methods, and its Effects on Adipokines. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 65.	0.9	36
31	Effect of gastric bypass surgery on azithromycin oral bioavailability. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2203-2206.	1.3	35
32	The effects of gastric bypass surgery on drug absorption and pharmacokinetics. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 1505-1519.	1.5	48
33	Encapsulation of P-glycoprotein inhibitors by polymeric micelles can reduce their pharmacokinetic interactions with doxorubicin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 142-148.	2.0	33
34	Cyclosporine Treatment Reduces Oxygen Free Radical Generation and Oxidative Stress in the Brain of Hypoxia-Reoxygenated Newborn Piglets. <i>PLoS ONE</i> , 2012, 7, e40471.	1.1	11
35	Effect of serum lipoproteins on stereoselective halofantrine metabolism by rat hepatocytes. <i>Chirality</i> , 2012, 24, 558-565.	1.3	9
36	Phase 1 trial of everolimus plus sunitinib in patients with metastatic renal cell carcinoma. <i>Cancer</i> , 2012, 118, 1868-1876.	2.0	109

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37	Effect of Gastric Bypass Surgery on the Absorption and Bioavailability of Metformin. <i>Diabetes Care</i> , 2011, 34, 1295-1300.	4.3	87
38	Effect of hyperlipidemia on ketoconazole-midazolam drug-drug interaction in rat. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4986-4992.	1.6	9
39	A phase 1 study of everolimus and sorafenib for metastatic clear cell renal cell carcinoma. <i>Cancer</i> , 2011, 117, 4194-4200.	2.0	55
40	A liquid chromatography-mass spectrometry method for nicotine and cotinine; utility in screening tobacco exposure in patients taking amiodarone. <i>Biomedical Chromatography</i> , 2011, 25, 1124-1131.	0.8	15
41	The ability of polycyclic aromatic hydrocarbons to alter physiological factors underlying drug disposition. <i>Drug Metabolism Reviews</i> , 2011, 43, 457-475.	1.5	17
42	Metformin and Exercise in Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, 1469-1474.	4.3	86
43	The effect of increased lipoprotein levels on the pharmacokinetics of ketoconazole enantiomers in the rat. <i>Xenobiotica</i> , 2011, 41, 137-143.	0.5	12
44	Effect of bile and lipids on the stereoselective metabolism of halofantrine by rat everted intestinal sacs. <i>Chirality</i> , 2010, 22, 275-283.	1.3	8
45	An analytical method for cyclosporine using liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2010, 24, 148-153.	0.8	12
46	Effects of intestinal constituents and lipids on intestinal formation and pharmacokinetics of desethylamiodarone formed from amiodarone. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 1625-1632.	1.2	4
47	Enhanced oral absorption of halofantrine enantiomers after encapsulation in a proliposomal formulation. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 1049-1053.	1.2	18
48	High performance liquid chromatographic assay for the simultaneous determination of midazolam and ketoconazole in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 617-622.	1.4	16
49	The effect of CYP1A induction on amiodarone disposition in the rat. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 539-548.	1.6	9
50	Effect of experimental hyperlipidaemia on the electrocardiographic effects of repeated doses of halofantrine in rats. <i>British Journal of Pharmacology</i> , 2010, 161, 1427-1440.	2.7	13
51	Determination of Metformin in Human Plasma and Urine by High-Performance Liquid Chromatography Using Small Sample Volume and Conventional Octadecyl Silane Column. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010, 13, 486.	0.9	38
52	Assessment of the Inactivation Potential of Desethylamiodarone on Human CYP1A1. <i>Drug Metabolism Letters</i> , 2010, 4, 9-14.	0.5	2
53	The effect of Î²-naphthoflavone on the metabolism of amiodarone by hepatic and extra-hepatic microsomes. <i>Toxicology Letters</i> , 2010, 195, 147-154.	0.4	21
54	Multiple Peaking Phenomena in Pharmacokinetic Disposition. <i>Clinical Pharmacokinetics</i> , 2010, 49, 351-377.	1.6	115

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55	Rate and Extent of Drug Accumulation after Multiple Dosing Revisited. <i>Clinical Pharmacokinetics</i> , 2010, 49, 421-438.	1.6	27
56	Development of a polymeric micellar formulation for valsopodar and assessment of its pharmacokinetics in rat. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 90-95.	2.0	20
57	The effect of oral lipids and circulating lipoproteins on the metabolism of drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 1385-1398.	1.5	29
58	The effect of experimental hyperlipidemia on the stereoselective tissue distribution, lipoprotein association and microsomal metabolism of (Δ^{\pm})-halofantrine. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2516-2528.	1.6	16
59	Experimental Hyperlipidemia Causes an Increase in the Electrocardiographic Changes Associated With Amiodarone. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 1-8.	0.8	20
60	Polymeric Micellar Delivery Reduces Kidney Distribution and Nephrotoxic Effects of Cyclosporine A After Multiple Dosing. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 1916-1926.	1.6	10
61	Pharmacokinetics of desethylamiodarone in the rat after its administration as the preformed metabolite, and after administration of amiodarone. <i>Biopharmaceutics and Drug Disposition</i> , 2008, 29, 159-166.	1.1	29
62	A stereospecific high-performance liquid chromatographic assay for the determination of ketoconazole enantiomers in rat plasma. <i>Biomedical Chromatography</i> , 2008, 22, 542-547.	0.8	26
63	Development of a liquid chromatography-mass spectrometry (LC/MS) assay method for the quantification of PSC 833 (Valsopodar) in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 869, 31-37.	1.2	10
64	The impact of experimental hyperlipidemia on the distribution and metabolism of amiodarone in rat. <i>International Journal of Pharmaceutics</i> , 2008, 361, 78-86.	2.6	50
65	Impact of lipoproteins on the biological activity and disposition of hydrophobic drugs: implications for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 84-99.	21.5	209
66	Disposition of Drugs in Block Copolymer Micelle Delivery Systems. <i>Clinical Pharmacokinetics</i> , 2008, 47, 619-634.	1.6	72
67	The metabolism of amiodarone by various CYP isoenzymes of human and rat, and the inhibitory influence of ketoconazole. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2008, 11, 147.	0.9	63
68	Induction of the NAD(P)H:quinone oxidoreductase 1 by ketoconazole and itraconazole: A mechanism of cancer chemoprotection. <i>Cancer Letters</i> , 2007, 258, 135-143.	3.2	15
69	Induction of Cytochrome P450 1A1 by Ketoconazole and Itraconazole but not Fluconazole in Murine and Human Hepatoma Cell Lines. <i>Toxicological Sciences</i> , 2007, 97, 32-43.	1.4	47
70	The stereoselective metabolism of halofantrine to desbutylhalofantrine in the rat: Evidence of tissue-specific enantioselectivity in microsomal metabolism. <i>Chirality</i> , 2007, 19, 22-33.	1.3	9
71	A liquid chromatography-mass spectrometry assay method for simultaneous determination of amiodarone and desethylamiodarone in rat specimens. <i>Biomedical Chromatography</i> , 2007, 21, 284-290.	0.8	20
72	High-performance liquid chromatography analysis of curcumin in rat plasma: application to pharmacokinetics of polymeric micellar formulation of curcumin. <i>Biomedical Chromatography</i> , 2007, 21, 546-552.	0.8	170

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73	A novel use of an in vitro method to predict the in vivo stability of block copolymer based nano-containers. <i>Journal of Controlled Release</i> , 2007, 122, 63-70.	4.8	22
74	The Influence of Hyperlipoproteinemia on in Vitro Distribution of Amiodarone and Desethylamiodarone in Human and Rat Plasma. <i>Pharmaceutical Research</i> , 2007, 24, 672-678.	1.7	21
75	Insights into the effects of hyperlipoproteinemia on cyclosporine A biodistribution and relationship to renal function. <i>AAPS Journal</i> , 2006, 8, E672-E681.	2.2	25
76	The effect of increased lipoprotein levels on the pharmacokinetics of cyclosporine A in the laboratory rat. <i>Biopharmaceutics and Drug Disposition</i> , 2006, 27, 7-16.	1.1	44
77	Drug disposition in three dimensions: an update on stereoselectivity in pharmacokinetics. <i>Biopharmaceutics and Drug Disposition</i> , 2006, 27, 387-406.	1.1	128
78	DETERMINATION OF THE ENZYME(S) INVOLVED IN THE METABOLISM OF AMIODARONE IN LIVER AND INTESTINE OF RAT: THE CONTRIBUTION OF CYTOCHROME P450 3A ISOFORMS. <i>Drug Metabolism and Disposition</i> , 2006, 34, 43-50.	1.7	48
79	Development of a sensitive and specific liquid chromatography/mass spectrometry method for the quantification of cucurbitacin I (JSI-124) in rat plasma. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2006, 9, 158-64.	0.9	6
80	Polymeric micelles for the solubilization and delivery of cyclosporine A: pharmacokinetics and biodistribution. <i>Biomaterials</i> , 2005, 26, 7251-7259.	5.7	123
81	Pharmacokinetics of Amiodarone in hyperlipidemic and simulated high fat-meal rat models. <i>Biopharmaceutics and Drug Disposition</i> , 2005, 26, 249-257.	1.1	78
82	A sensitive and specific high performance liquid chromatographic assay for milrinone in rat and human plasma using a commercially available internal standard and low sample volume. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2005, 8, 124-31.	0.9	7
83	Stereoselectivity in the Pharmacodynamics and Pharmacokinetics of the Chiral Antimalarial Drugs. <i>Clinical Pharmacokinetics</i> , 2003, 42, 1359-1382.	1.6	91
84	Stereoselective Pharmacokinetics and Pharmacodynamics of Anti-Asthma Agents. <i>Annals of Pharmacotherapy</i> , 2002, 36, 693-701.	0.9	28
85	Impact of Stereoselectivity on the Pharmacokinetics and Pharmacodynamics of Antiarrhythmic Drugs. <i>Clinical Pharmacokinetics</i> , 2002, 41, 533-558.	1.6	54
86	The Influence of Lipids on Stereoselective Pharmacokinetics of Halofantrine: Important Implications in Food-Effect Studies Involving Drugs That Bind to Lipoproteins. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1817-1826.	1.6	45
87	Stereoselective halofantrine and desbutylhalofantrine disposition in the rat: cardiac and plasma concentrations and plasma protein binding. <i>Biopharmaceutics and Drug Disposition</i> , 2002, 23, 9-15.	1.1	17
88	Metabolic acidosis: separation methods and biological relevance of organic acids and lactic acid enantiomers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 781, 39-56.	1.2	65
89	Enhancement of Dissolution of Ethopropazine Using Solid Dispersions Prepared with Phospholipid and/or Polyethylene Glycol. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 413-418.	0.9	18
90	Stereoselective pharmacokinetics of desbutylhalofantrine, a metabolite of halofantrine, in the rat after administration of the racemic metabolite or parent drug. <i>Biopharmaceutics and Drug Disposition</i> , 2000, 21, 365-371.	1.1	18

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91	The stereoselective distribution of halofantrine enantiomers within human, dog, and rat plasma lipoproteins. <i>Pharmaceutical Research</i> , 2000, 17, 427-431.	1.7	27
92	Pharmacokinetics of ethopropazine in the rat after oral and intravenous administration. , 1999, 20, 159-163.		2
93	Pharmacokinetics of halofantrine in the rat: stereoselectivity and interspecies comparisons. , 1999, 20, 165-169.		23
94	Evening dosing is associated with higher plasma concentrations of pranlukast, a leukotriene receptor antagonist, in healthy male volunteers. <i>British Journal of Clinical Pharmacology</i> , 1997, 44, 289-291.	1.1	16
95	Pharmacokinetics of Testosterone in Hypogonadal Men After Transdermal Delivery: Influence of Dose. <i>Journal of Clinical Pharmacology</i> , 1996, 36, 732-739.	1.0	33
96	Interspecies pharmacokinetics of a novel hematoregulatory peptide (SK&F 107647) in rats, dogs, and oncologic patients. <i>Pharmaceutical Research</i> , 1996, 13, 794-797.	1.7	13
97	A liquid chromatographic assay for the stereospecific quantitative analysis of halofantrine in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 911-918.	1.4	23
98	Pharmacokinetic Optimisation of the Treatment of Osteoarthritis. <i>Clinical Pharmacokinetics</i> , 1994, 26, 233-242.	1.6	5
99	Etodolac Clinical Pharmacokinetics. <i>Clinical Pharmacokinetics</i> , 1994, 26, 259-274.	1.6	57
100	Hematologic Disposition of Hydroxychloroquine Enantiomers. <i>Journal of Clinical Pharmacology</i> , 1994, 34, 1088-1097.	1.0	34
101	Influence of the route of administration on the pharmacokinetics of pirofen enantiomers in the rat. <i>Chirality</i> , 1993, 5, 61-64.	1.3	7
102	The Stereoselective Pharmacokinetics of Etodolac in Young and Elderly Subjects, and After Cholecystectomy. <i>Journal of Clinical Pharmacology</i> , 1992, 32, 982-989.	1.0	25
103	Clinical Pharmacokinetics of Ketorolac Tromethamine. <i>Clinical Pharmacokinetics</i> , 1992, 23, 415-427.	1.6	116
104	Analytical and semi-preparative high-performance liquid chromatographic separation and assay of hydroxychloroquine enantiomers. <i>Biomedical Applications</i> , 1992, 581, 83-92.	1.7	48
105	Stereoselective Disposition of Etodolac Enantiomers in Synovial Fluid. <i>Journal of Clinical Pharmacology</i> , 1991, 31, 741-746.	1.0	32
106	Enantioselective Pharmacokinetics of Etodolac in the Rat: Tissue Distribution, Tissue Binding, and In Vitro Metabolism. <i>Journal of Pharmaceutical Sciences</i> , 1991, 80, 1058-1061.	1.6	27
107	Clinical Pharmacokinetics of Ketoprofen and Its Enantiomers. <i>Clinical Pharmacokinetics</i> , 1990, 19, 197-217.	1.6	178