

Kevin T Batty

List of Publications by Year in descending order

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88
papers

2,152
citations

257101

24
h-index

264894

42
g-index

90
all docs

90
docs citations

90
times ranked

2094
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of a Pharmaceutical Care Program on Vascular Risk Factors in Type 2 Diabetes: The Fremantle Diabetes Study. <i>Diabetes Care</i> , 2005, 28, 771-776.	4.3	156
2	Glucuronidation of Dihydroartemisinin in Vivo and by Human Liver Microsomes and Expressed UDP-Glucuronosyltransferases. <i>Drug Metabolism and Disposition</i> , 2002, 30, 1005-1012.	1.7	138
3	Selective high-performance liquid chromatographic determination of artesunate and β - and γ -dihydroartemisinin in patients with falciparum malaria. <i>Biomedical Applications</i> , 1996, 677, 345-350.	1.7	112
4	A pharmacokinetic and pharmacodynamic study of intravenous vs oral artesunate in uncomplicated falciparum malaria. <i>British Journal of Clinical Pharmacology</i> , 1998, 45, 123-129.	1.1	105
5	Pharmacokinetics and Pharmacodynamics of Intravenous Artesunate in Severe Falciparum Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 181-186.	1.4	90
6	Pharmacokinetics and Efficacy of Piperaquine and Chloroquine in Melanesian Children with Uncomplicated Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 237-243.	1.4	80
7	Oral bioavailability of dihydroartemisinin in Vietnamese volunteers and in patients with falciparum malaria. <i>British Journal of Clinical Pharmacology</i> , 2001, 51, 541-546.	1.1	68
8	Synthesis and antimalarial evaluation of novel isocryptolepine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7519-7525.	1.4	67
9	Pharmacokinetics, Pharmacodynamics, and Allometric Scaling of Chloroquine in a Murine Malaria Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3899-3907.	1.4	63
10	The effect of ciprofloxacin on theophylline pharmacokinetics in healthy subjects.. <i>British Journal of Clinical Pharmacology</i> , 1995, 39, 305-311.	1.1	59
11	Chemical Stability of Artesunate Injection and Proposal for its Administration by Intravenous Infusion. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 22-26.	1.2	55
12	A pharmacokinetic and pharmacodynamic study of artesunate for vivax malaria.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1998, 59, 823-827.	0.6	55
13	Penetration of Dihydroartemisinin into Cerebrospinal Fluid after Administration of Intravenous Artesunate in Severe Falciparum Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 368-370.	1.4	51
14	The pharmacokinetic properties of intramuscular artesunate and rectal dihydroartemisinin in uncomplicated falciparum malaria. <i>British Journal of Clinical Pharmacology</i> , 2002, 53, 23-30.	1.1	49
15	A randomised controlled trial of a pharmaceutical care programme in high-risk diabetic patients in an outpatient clinic. <i>International Journal of Pharmacy Practice</i> , 2011, 10, 85-89.	0.3	48
16	Neurological, cardiovascular and metabolic effects of mefloquine in healthy volunteers: a double-blind, placebo-controlled trial. <i>British Journal of Clinical Pharmacology</i> , 1996, 42, 415-421.	1.1	44
17	Role of P Glycoprotein in Absorption of Novel Antimalarial Drugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3504-3506.	1.4	37
18	Artemisinin-Naphthoquine Combination Therapy for Uncomplicated Pediatric Malaria: a Pharmacokinetic Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2472-2484.	1.4	36

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19	Protein binding and α - β anomer ratio of dihydroartemisinin in vivo. <i>British Journal of Clinical Pharmacology</i> , 2004, 57, 529-533.	1.1	33
20	Relative bioavailability of artesunate and dihydroartemisinin: investigations in the isolated perfused rat liver and in healthy Caucasian volunteers.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 130-136.	0.6	32
21	Population Pharmacokinetics, Tolerability, and Safety of Dihydroartemisinin-Piperaquine and Sulfadoxine-Pyrimethamine-Piperaquine in Pregnant and Nonpregnant Papua New Guinean Women. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4260-4271.	1.4	30
22	Validation and Application of a Dried Blood Spot Ceftriaxone Assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 14-23.	1.4	28
23	Prevalence and Predictors of Complementary Medicine Usage in Diabetes: Fremantle Diabetes Study. <i>Journal of Pharmacy Practice and Research</i> , 2003, 33, 260-264.	0.5	25
24	Pharmacokinetic Comparison of Two Piperaquine-Containing Artemisinin Combination Therapies in Papua New Guinean Children with Uncomplicated Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3288-3297.	1.4	24
25	Safety and therapeutic efficacy of artesunate suppositories for treatment of malaria in children in Papua New Guinea. <i>Pediatric Infectious Disease Journal</i> , 2003, 22, 251-255.	1.1	23
26	Comparison of gentamicin dose estimates derived from manual calculations, the Australian 'Therapeutic Guidelines: Antibiotic' nomogram and the SeBA-GEN and DoseCalc software programs. <i>British Journal of Clinical Pharmacology</i> , 2004, 58, 521-527.	1.1	23
27	In Vitro Interactions between Piperaquine, Dihydroartemisinin, and Other Conventional and Novel Antimalarial Drugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2883-2885.	1.4	23
28	Assessment of the effect of malaria infection on hepatic clearance of dihydroartemisinin using rat liver perfusions and microsomes. <i>British Journal of Pharmacology</i> , 1998, 125, 159-167.	2.7	22
29	Stabilization of Resveratrol in Blood Circulation by Conjugation to mPEG and mPEG-PLA Polymers: Investigation of Conjugate Linker and Polymer Composition on Stability, Metabolism, Antioxidant Activity and Pharmacokinetic Profile. <i>PLoS ONE</i> , 2015, 10, e0118824.	1.1	22
30	Pharmacokinetic Properties of Single-Dose Primaquine in Papua New Guinean Children: Feasibility of Abbreviated High-Dose Regimens for Radical Cure of Vivax Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 432-439.	1.4	21
31	<i>Plasmodium berghei</i> : Parasite clearance after treatment with dihydroartemisinin in an asplenic murine malaria model. <i>Experimental Parasitology</i> , 2008, 118, 458-467.	0.5	20
32	Mechanism-Based Model of Parasite Growth and Dihydroartemisinin Pharmacodynamics in Murine Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 508-516.	1.4	20
33	Simultaneous determination of primaquine and carboxyprimaquine in plasma using solid phase extraction and LC-MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 902, 142-146.	1.2	19
34	Pharmacokinetics and Pharmacodynamics of Piperaquine in a Murine Malaria Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 306-311.	1.4	18
35	Improving the solubility and bioavailability of dihydroartemisinin by solid dispersions and inclusion complexes. <i>Archives of Pharmacal Research</i> , 2011, 34, 757-765.	2.7	18
36	Predicting the parasite killing effect of artemisinin combination therapy in a murine malaria model. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2155-2163.	1.3	18

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37	Safety, tolerability and pharmacokinetic properties of coadministered azithromycin and piperavaquine in pregnant Papua New Guinean women. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 199-212.	1.1	18
38	Effects of maturation and size on population pharmacokinetics of pentoxifylline and its metabolites in very preterm infants with suspected late-onset sepsis or necrotizing enterocolitis: a pilot study incorporating clinical outcomes. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 147-159.	1.1	17
39	Effect of Coadministered Fat on the Tolerability, Safety, and Pharmacokinetic Properties of Dihydroartemisinin-Piperaquine in Papua New Guinean Children with Uncomplicated Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5784-5794.	1.4	16
40	Naphthoquine: An Emerging Candidate for Artemisinin Combination Therapy. <i>Drugs</i> , 2016, 76, 789-804.	4.9	16
41	A population pharmacokinetic study of benzathine benzylpenicillin G administration in children and adolescents with rheumatic heart disease: new insights for improved secondary prophylaxis strategies. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1984-1991.	1.3	16
42	Severe falciparum malaria with hyperparasitaemia treated with intravenous artesunate. <i>Medical Journal of Australia</i> , 1997, 166, 416-418.	0.8	15
43	Pharmacokinetics of Dihydroartemisinin in a Murine Malaria Model. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 641-642.	0.6	15
44	Pharmacokinetics and safety of deferasirox in subjects with chronic kidney disease undergoing haemodialysis. <i>Nephrology</i> , 2013, 18, 188-193.	0.7	14
45	Subcutaneous administration of benzathine benzylpenicillin G has favourable pharmacokinetic characteristics for the prevention of rheumatic heart disease compared with intramuscular injection: a randomized, crossover, population pharmacokinetic study in healthy adult volunteers. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2951-2959.	1.3	14
46	Modelling the time course of antimalarial parasite killing: a tour of animal and human models, translation and challenges. <i>British Journal of Clinical Pharmacology</i> , 2015, 79, 97-107.	1.1	13
47	Simultaneous determination of pentoxifylline, metabolites M1 (lisofylline), M4 and M5, and caffeine in plasma and dried blood spots for pharmacokinetic studies in preterm infants and neonates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 302-313.	1.4	13
48	Hepatocellular bioactivation and cytotoxicity of the synthetic endoperoxide antimalarial arteflene. <i>Chemico-Biological Interactions</i> , 2004, 147, 173-184.	1.7	12
49	Pharmacodynamics of Doxycycline in a Murine Malaria Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4477-4479.	1.4	12
50	Development of a pharmacodynamic model of murine malaria and antimalarial treatment with dihydroartemisinin. <i>International Journal for Parasitology</i> , 2007, 37, 1569-1576.	1.3	12
51	Validation of a chloroquine-induced cell death mechanism for clinical use against malaria. <i>Cell Death and Disease</i> , 2014, 5, e1305-e1305.	2.7	12
52	Pharmacokinetics of Piperaquine Transfer into the Breast Milk of Melanesian Mothers. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4272-4278.	1.4	12
53	Penicillin Dried Blood Spot Assay for Use in Patients Receiving Intramuscular Benzathine Penicillin G and Other Penicillin Preparations To Prevent Rheumatic Fever. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	12
54	Population Pharmacokinetic Study of Ceftriaxone in Elderly Patients, Using Cystatin C-Based Estimates of Renal Function To Account for Frailty. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	12

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55	Investigation of reproductive toxicity of piperazine in mice. <i>Reproductive Toxicology</i> , 2010, 29, 206-213.	1.3	11
56	Comparison of bioassay and high performance liquid chromatographic assay of artesunate and dihydroartemisinin in plasma. <i>Acta Tropica</i> , 2003, 87, 371-375.	0.9	10
57	Validation and Application of a Dried Blood Spot Assay for Biofilm-Active Antibiotics Commonly Used for Treatment of Prosthetic Implant Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4940-4955.	1.4	10
58	Ertapenem for osteoarticular infections in obese patients: a pharmacokinetic study of plasma and bone concentrations. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 511-517.	0.8	10
59	Toxicology and pharmacokinetics of piperazine in mice. <i>Toxicology</i> , 2008, 249, 55-61.	2.0	9
60	Pharmacokinetics of dihydroartemisinin in a murine malaria model. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 641-2.	0.6	9
61	Greater use of insulin by southern European compared with Anglo-Celt patients with type 2 diabetes: the Fremantle Diabetes Study. <i>European Journal of Endocrinology</i> , 2004, 151, 579-586.	1.9	8
62	Piperazine Pharmacodynamics and Parasite Viability in a Murine Malaria Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2707-2713.	1.4	8
63	Interspecies Allometric Scaling of Antimalarial Drugs and Potential Application to Pediatric Dosing. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6068-6078.	1.4	7
64	Validation of a Dried Blood Spot Ceftriaxone Assay in Papua New Guinean Children with Severe Bacterial Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	7
65	Adverse Drug Reaction Reporting: Attitudes of Australian Hospital Pharmacists and Doctors. <i>Journal of Pharmacy Practice and Research</i> , 2005, 35, 9-14.	0.5	6
66	Physical compatibility of pentoxifylline and intravenous medications. <i>Archives of Disease in Childhood</i> , 2019, 104, 292-295.	1.0	6
67	The pharmacokinetics of artemisinin (ART) and artesunate (ARTS) in healthy volunteers.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1998, 58, 125-126.	0.6	6
68	Retinol supplementation in murine <i>Plasmodium berghei</i> malaria: Effects on tissue levels, parasitaemia and lipid peroxidation. <i>International Journal for Parasitology</i> , 2007, 37, 525-537.	1.3	5
69	Use of quantitative pharmacology tools to improve malaria treatments. <i>Expert Review of Clinical Pharmacology</i> , 2016, 9, 303-316.	1.3	5
70	Quality of benzathine penicillin G: A multinational cross-sectional study. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00668.	1.1	5
71	Compatibility of pentoxifylline and parenteral medications. <i>Archives of Disease in Childhood</i> , 2020, 105, 395-397.	1.0	5
72	High risk of early sub-therapeutic penicillin concentrations after intramuscular benzathine penicillin G injections in Ethiopian children and adults with rheumatic heart disease. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009399.	1.3	5

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73	Hypersensitivity to methylhydroxyâ€benzoate: a case for additive labelling of pharmaceuticals. Medical Journal of Australia, 1986, 144, 107-107.	0.8	4
74	Ergometrine stability in postpartum haemorrhage kits: Does temperature and light matter?. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, 344-349.	0.4	4
75	Asthma knowledge in hospital patients with acute severe asthma. Medical Journal of Australia, 1994, 160, 609-610.	0.8	4
76	The Artemiside-Artemisox-Artemisone-M1 Tetrad: Efficacies against Blood Stage P. falciparum Parasites, DMPK Properties, and the Case for Artemiside. Pharmaceutics, 2021, 13, 2066.	2.0	4
77	Effect of Urine pH on the Stability of Doxorubicin and its Recovery from Bladder Instillations. British Journal of Urology, 1990, 65, 478-482.	0.1	3
78	Adverse drug reaction reporting in Australian hospitals. International Journal of Pharmacy Practice, 2010, 12, 155-161.	0.3	2
79	Domiciliary medication reviews by fourth year pharmacy students in Western Australia. International Journal of Pharmacy Practice, 2010, 12, 73-81.	0.3	2
80	Population pharmacokinetic study of benzathine penicillin G administration in Indigenous children and young adults with rheumatic heart disease in the Northern Territory, Australia. Journal of Antimicrobial Chemotherapy, 2022, 77, 2679-2682.	1.3	2
81	Cytotoxic-spill kit and spill-control procedure. American Journal of Health-System Pharmacy, 1986, 43, 2235-2236.	0.5	1
82	Evaluation of Generic-Brand Name Knowledge. DICP: the Annals of Pharmacotherapy, 1991, 25, 1138-1138.	0.2	1
83	Title is missing!. Pediatric Infectious Disease Journal, 2003, 22, 251-255.	1.1	1
84	Stability of pentoxifylline injection: application to neonatal/pediatric care setting. Journal of Pharmaceutical Sciences, 2021, 110, 3862-3865.	1.6	1
85	Stability of benzylpenicillin for continuous intravenous infusions: An isotonic formulation for therapeutic use and a low-dose formulation for clinical trial. Journal of Infection and Chemotherapy, 2022, , .	0.8	1
86	NSAID prescribing information. Australian and New Zealand Journal of Medicine, 1992, 22, 386-386.	0.5	0
87	The effect of sickle cell genotype on the pharmacokinetic properties of artemether-lumefantrine in Tanzanian children. International Journal for Parasitology: Drugs and Drug Resistance, 2022, 19, 31-39.	1.4	0
88	Piperaquine Pharmacokinetic and Pharmacodynamic Profiles in Healthy Volunteers of Papua New Guinea after Administration of Three-Monthly Doses of Dihydroartemisininâ€Piperaquine. Antimicrobial Agents and Chemotherapy, 0, , .	1.4	0