

Urs Duthaler

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,484
citations

361413

20
h-index

377865

34
g-index

63
all docs

63
docs citations

63
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Repurposing drugs for the treatment and control of helminth infections. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 185-200.	3.4	150
2	Acute dose-dependent effects of lysergic acid diethylamide in a double-blind placebo-controlled study in healthy subjects. Neuropsychopharmacology, 2021, 46, 537-544.	5.4	120
3	Trematode Infections. Infectious Disease Clinics of North America, 2012, 26, 399-419.	5.1	86
4	Direct comparison of the acute effects of lysergic acid diethylamide and psilocybin in a double-blind placebo-controlled study in healthy subjects. Neuropsychopharmacology, 2022, 47, 1180-1187.	5.4	72
5	Acute Effects of Psilocybin After Escitalopram or Placebo Pretreatment in a Randomized, Double-blind, Placebo-controlled, Crossover Study in Healthy Subjects. Clinical Pharmacology and Therapeutics, 2022, 111, 886-895.	4.7	70
6	Update on the diagnosis and treatment of food-borne trematode infections. Current Opinion in Infectious Diseases, 2010, 23, 513-520.	3.1	58
7	Anthelmintic activity of artesunate against Fasciola hepatica in naturally infected sheep. Research in Veterinary Science, 2010, 88, 107-110.	1.9	49
8	Pharmacokinetics and subjective effects of a novel oral LSD formulation in healthy subjects. British Journal of Clinical Pharmacology, 2019, 85, 1474-1483.	2.4	48
9	Interactions between Bupropion and 3,4-Methylenedioxymethamphetamine in Healthy Subjects. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 102-111.	2.5	46
10	Cytochrome P450 Enzymes Involved in Metoprolol Metabolism and Use of Metoprolol as a CYP2D6 Phenotyping Probe Drug. Frontiers in Pharmacology, 2018, 9, 774.	3.5	42
11	Targeting immunoliposomes to EGFR-positive glioblastoma. ESMO Open, 2022, 7, 100365.	4.5	42
12	Systematic Evaluation of Extraction Methods for Multiplatform-Based Metabotyping: Application to the Fasciola hepatica Metabolome. Analytical Chemistry, 2012, 84, 6963-6972.	6.5	41
13	<i>In Vivo</i> and <i>In Vitro</i> Sensitivity of <i>Fasciola hepatica</i> to Triclabendazole Combined with Artesunate, Artemether, or OZ78. Antimicrobial Agents and Chemotherapy, 2010, 54, 4596-4604.	3.2	36
14	Population pharmacokinetics of oral ivermectin in venous plasma and dried blood spots in healthy volunteers. British Journal of Clinical Pharmacology, 2019, 85, 626-633.	2.4	32
15	Fasciola hepatica: Comparison of the sedimentation and FLOTAC techniques for the detection and quantification of faecal egg counts in rats. Experimental Parasitology, 2010, 126, 161-166.	1.2	30
16	Development and validation of an LC-MS/MS method for the bioanalysis of psilocybin's main metabolites, psilocin and 4-hydroxyindole-3-acetic acid, in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1164, 122486.	2.3	26
17	Pharmacokinetics and Pharmacodynamics of Lysergic Acid Diethylamide Microdoses in Healthy Participants. Clinical Pharmacology and Therapeutics, 2021, 109, 658-666.	4.7	26
18	Development and validation of an enantioselective LC-MS/MS method for the analysis of the anthelmintic drug praziquantel and its main metabolite in human plasma, blood and dried blood spots. Journal of Pharmaceutical and Biomedical Analysis, 2016, 118, 81-88.	2.8	25

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19	Efficacy and safety of tribendimidine against <i>Opisthorchis viverrini</i> : two randomised, parallel-group, single-blind, dose-ranging, phase 2 trials. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1145-1153.	9.1	24
20	Automated high throughput analysis of antiretroviral drugs in dried blood spots. <i>Journal of Mass Spectrometry</i> , 2017, 52, 534-542.	1.6	24
21	Cytochrome P450 enzymes contribute to the metabolism of LSD to nor-LSD and 2-oxo-3-hydroxy-LSD: Implications for clinical LSD use. <i>Biochemical Pharmacology</i> , 2019, 164, 129-138.	4.4	22
22	Sunitinib induces hepatocyte mitochondrial damage and apoptosis in mice. <i>Toxicology</i> , 2018, 409, 13-23.	4.2	21
23	Development and validation of an LC-MS/MS method for the analysis of ivermectin in plasma, whole blood, and dried blood spots using a fully automatic extraction system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 18-25.	2.8	20
24	The uricosuric benzbromarone disturbs the mitochondrial redox homeostasis and activates the NRF2 signaling pathway in HepG2 cells. <i>Free Radical Biology and Medicine</i> , 2020, 152, 216-226.	2.9	20
25	Development and validation of a liquid chromatography and ion spray tandem mass spectrometry method for the quantification of artesunate, artemether and their major metabolites dihydroartemisinin and dihydroartemisininâ€¦glucuronide in sheep plasma. <i>Journal of Mass Spectrometry</i> , 2011, 46, 172-181.	1.6	19
26	Stimulatory MAIT cell antigens reach the circulation and are efficiently metabolised and presented by human liver cells. <i>Gut</i> , 2022, 71, 2526-2538.	12.1	19
27	Effect of Toxicants on Fatty Acid Metabolism in HepG2 Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 257.	3.5	18
28	Pharmacokinetic Study of Praziquantel Enantiomers and Its Main Metabolite R-trans-4-OH-PZQ in Plasma, Blood and Dried Blood Spots in <i>Opisthorchis viverrini</i> -Infected Patients. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004700.	3.0	17
29	PGC-1 β modulates statin-associated myotoxicity in mice. <i>Archives of Toxicology</i> , 2019, 93, 487-504.	4.2	17
30	Using dried blood spots to facilitate therapeutic drug monitoring of antiretroviral drugs in resource-poor regions. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2729-2737.	3.0	16
31	Pharmacokinetics and phenotyping properties of the <i>Basel</i> phenotyping cocktail combination capsule in healthy male adults. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 352-361.	2.4	16
32	Effects of <i>Hypericum perforatum</i> (St John's wort) on the pharmacokinetics and pharmacodynamics of rivaroxaban in humans. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1466-1474.	2.4	15
33	PGC-1 β plays a pivotal role in simvastatinâ€¦induced exercise impairment in mice. <i>Acta Physiologica</i> , 2020, 228, e13402.	3.8	14
34	Efficacy and pharmacokinetics of OZ78 and MT04 against a natural infection with <i>Fasciola hepatica</i> in sheep. <i>Veterinary Parasitology</i> , 2013, 198, 102-110.	1.8	13
35	Health care provider communication training in rural Tanzania empowers <sc>HIV</sc>-infected patients on antiretroviral therapy to discuss adherence problems. <i>HIV Medicine</i> , 2017, 18, 623-634.	2.2	13
36	Evaluation of the pharmacokinetic profile of artesunate, artemether and their metabolites in sheep naturally infected with <i>Fasciola hepatica</i> . <i>Veterinary Parasitology</i> , 2012, 186, 270-280.	1.8	12

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37	Toxicity of metamizole on differentiating HL60 cells and human neutrophil granulocytes. <i>Toxicology</i> , 2019, 426, 152254.	4.2	12
38	Potential metabolic resistance mechanisms to ivermectin in <i>Anopheles gambiae</i> : a synergist bioassay study. <i>Parasites and Vectors</i> , 2021, 14, 172.	2.5	12
39	Effect of Liver Cirrhosis on the Pharmacokinetics, Metabolism, and Tolerability of Daridorexant, A Novel Dual Orexin Receptor Antagonist. <i>Clinical Pharmacokinetics</i> , 2021, 60, 1349-1360.	3.5	12
40	Liver Cirrhosis Affects the Pharmacokinetics of the Six Substrates of the Basel Phenotyping Cocktail Differently. <i>Clinical Pharmacokinetics</i> , 2022, 61, 1039-1055.	3.5	11
41	LC-MS/MS method for the determination of two metabolites of tribendimidine, deacylated amidantel and its acetylated metabolite in plasma, blood and dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 105, 163-173.	2.8	10
42	N-demethylation of N-methyl-4-aminoantipyrine, the main metabolite of metamizole. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 120, 172-180.	4.0	10
43	Metamizole is a Moderate Cytochrome P450 Inducer Via the Constitutive Androstane Receptor and a Weak Inhibitor of CYP1A2. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1505-1516.	4.7	10
44	Single-Ascending-Dose Pharmacokinetic Study of Tribendimidine in <i>Opisthorchis viverrini</i> -Infected Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5705-5715.	3.2	9
45	Population Pharmacokinetic Modeling of Tribendimidine Metabolites in <i>Opisthorchis viverrini</i> -Infected Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5695-5704.	3.2	9
46	Effect of the Catechol-O-Methyltransferase Inhibitors Tolcapone and Entacapone on Fatty Acid Metabolism in HepaRG Cells. <i>Toxicological Sciences</i> , 2018, 164, 477-488.	3.1	9
47	Pharmacokinetics of oxycodone/naloxone and its metabolites in patients with end-stage renal disease during and between haemodialysis sessions. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 692-702.	0.7	9
48	Disposition of Mefloquine and Enpiroline Is Highly Influenced by a Chronic <i>Schistosoma mansoni</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4506-4511.	3.2	8
49	OATP1B3-1B7 (LST-3TM12) Is a Drug Transporter That Affects Endoplasmic Reticulum Access and the Metabolism of Ezetimibe. <i>Molecular Pharmacology</i> , 2019, 96, 128-137.	2.3	7
50	Improvement of muscle strength in a mouse model for congenital myopathy treated with HDAC and DNA methyltransferase inhibitors. <i>ELife</i> , 2022, 11, .	6.0	7
51	Dose evaluation of intravenous metamizole (dipyrone) in infants and children: a prospective population pharmacokinetic study. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 1491-1502.	1.9	6
52	Cytochrome P450 1A2 is the most important enzyme for hepatic metabolism of the metamizole metabolite 4-methylaminoantipyrine. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 1885-1896.	2.4	6
53	Impaired Exercise Performance and Skeletal Muscle Mitochondrial Function in Rats with Secondary Carnitine Deficiency. <i>Frontiers in Physiology</i> , 2016, 7, 345.	2.8	5
54	Effect of deglucuronidation on the results of the Basel phenotyping cocktail. <i>British Journal of Clinical Pharmacology</i> , 2021, , .	2.4	4

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55	Development and validation of an LC-MS/MS method for the bioanalysis of the major metamizole metabolites in human plasma. <i>Bioanalysis</i> , 2020, 12, 175-189.	1.5	3
56	The pharmacokinetics and drug-drug interactions of ivermectin in <i>Aedes aegypti</i> mosquitoes. <i>PLoS Pathogens</i> , 2021, 17, e1009382.	4.7	3
57	Comparative Effects of Metamizole (Dipyrone) and Naproxen on Renal Function and Prostacyclin Synthesis in Salt-Depleted Healthy Subjects - A Randomized Controlled Parallel Group Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 620635.	3.5	2
58	The effect of food on the pharmacokinetics of oral ivermectin. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 75, 438-440.	3.0	1
59	P117...Dose evaluation of intravenous metamizole (dipyrone) in infants and children: a prospective population pharmacokinetic study. <i>Archives of Disease in Childhood</i> , 2019, 104, e66.1-e66.	1.9	0
60	Particle Forming Amorphous Solid Dispersions: A Mechanistic Randomized Pharmacokinetic Study in Humans. <i>Pharmaceutics</i> , 2021, 13, 401.	4.5	0