Urs Duthaler

List of Publications by Year
in descending order

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	Cytochrome P450 1A2 is the most important enzyme for hepatic metabolism of the metamizole metabolite 4â€methylaminoantipyrine. British Journal of Clinical Pharmacology, 2022, 88, 1885-1896.	2.4	6
2	Acute Effects of Psilocybin After Escitalopram or Placebo Pretreatment in a Randomized, Doubleâ€Blind, Placeboâ€Controlled, Crossover Study in Healthy Subjects. Clinical Pharmacology and Therapeutics, 2022, 111, 886-895.	4.7	70
3	Targeting immunoliposomes to EGFR-positive glioblastoma. ESMO Open, 2022, 7, 100365.	4.5	42
4	Stimulatory MAIT cell antigens reach the circulation and are efficiently metabolised and presented by human liver cells. Gut, 2022, 71, 2526-2538.	12.1	19
5	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
6	Improvement of muscle strength in a mouse model for congenital myopathy treated with HDAC and DNA methyltransferase inhibitors. ELife, 2022, 11, .	6.0	7
7	Liver Cirrhosis Affects the Pharmacokinetics of the Six Substrates of the BaselÂPhenotyping Cocktail Differently. Clinical Pharmacokinetics, 2022, 61, 1039-1055.	3.5	11
8	Development and validation of an LC-MS/MS method for the bioanalysis of psilocybinâ€™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
9	Metamizole is a Moderate Cytochrome P450 Inducer Via the Constitutive Androstane Receptor and a Weak Inhibitor of CYP1A2. Clinical Pharmacology and Therapeutics, 2021, 109, 1505-1516.	4.7	10
10	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
11	Effects of Hypericum perforatum (St John's wort) on the pharmacokinetics and pharmacodynamics of rivaroxaban in humans. British Journal of Clinical Pharmacology, 2021, 87, 1466-1474.	2.4	15
12	Pharmacokinetics and Pharmacodynamics of Lysergic Acid Diethylamide Microdoses in Healthy Participants. Clinical Pharmacology and Therapeutics, 2021, 109, 658-666.	4.7	26
13	The pharmacokinetics and drug-drug interactions of ivermectin in Aedes aegypti mosquitoes. PLoS Pathogens, 2021, 17, e1009382.	4.7	3
14	Potential metabolic resistance mechanisms to ivermectin in Anopheles gambiae: a synergist bioassay study. Parasites and Vectors, 2021, 14, 172.	2.5	12
15	Particle Forming Amorphous Solid Dispersions: A Mechanistic Randomized Pharmacokinetic Study in Humans. Pharmaceutics, 2021, 13, 401.	4.5	0
16	Effect of deglucuronidation on the results of the Basel phenotyping cocktail. British Journal of Clinical Pharmacology, 2021, , .	2.4	4
17	Effect of Liver Cirrhosis on the Pharmacokinetics, Metabolism, and Tolerability of Daridorexant, A Novel Dual Orexin Receptor Antagonist. Clinical Pharmacokinetics, 2021, 60, 1349-1360.	3.5	12
18	Comparative Effects of Metamizole (Dipyrone) and Naproxen on Renal Function and Prostacyclin Synthesis in Salt-Depleted Healthy Subjects - A Randomized Controlled Parallel Group Study. Frontiers in Pharmacology, 2021, 12, 620635.	3.5	2

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19	PGCâ€1Î± plays a pivotal role in simvastatinâ€induced exercise impairment in mice. Acta Physiologica, 2020, 228, e13402.	3.8	14
20	Pharmacokinetics and phenotyping properties of the Basel phenotyping cocktail combination capsule in healthy male adults. British Journal of Clinical Pharmacology, 2020, 86, 352-361.	2.4	16
21	The uricosuric benzbromarone disturbs the mitochondrial redox homeostasis and activates the NRF2 signaling pathway in HepG2 cells. Free Radical Biology and Medicine, 2020, 152, 216-226.	2.9	20
22	Development and validation of an LCâ€“MS/MS method for the bioanalysis of the major metamizole metabolites in human plasma. Bioanalysis, 2020, 12, 175-189.	1.5	3
23	Dose evaluation of intravenous metamizole (dipyrone) in infants and children: a prospective population pharmacokinetic study. European Journal of Clinical Pharmacology, 2019, 75, 1491-1502.	1.9	6
24	Toxicity of metamizole on differentiating HL60 cells and human neutrophil granulocytes. Toxicology, 2019, 426, 152254.	4.2	12
25	The effect of food on the pharmacokinetics of oral ivermectin. Journal of Antimicrobial Chemotherapy, 2019, 75, 438-440.	3.0	1
26	OATP1B3-1B7 (LST-3TM12) Is a Drug Transporter That Affects Endoplasmic Reticulum Access and the Metabolism of Ezetimibe. Molecular Pharmacology, 2019, 96, 128-137.	2.3	7
27	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. Journal of Pharmaceutical and Biomedical Analysis, 2019, 172, 18-25.	2.8	20
28	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
29	Cytochrome P450 enzymes contribute to the metabolism of LSD to nor-LSD and 2-oxo-3-hydroxy-LSD: Implications for clinical LSD use. Biochemical Pharmacology, 2019, 164, 129-138.	4.4	22
30	P117â€…Dose evaluation of intravenous metamizole (dipyrone) in infants and children: a prospective population pharmacokinetic study. Archives of Disease in Childhood, 2019, 104, e66.1-e66.	1.9	0
31	Pharmacokinetics of oxycodone/naloxone and its metabolites in patients with end-stage renal disease during and between haemodialysis sessions. Nephrology Dialysis Transplantation, 2019, 34, 692-702.	0.7	9
32	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
33	PGC-1Î² modulates statin-associated myotoxicity in mice. Archives of Toxicology, 2019, 93, 487-504.	4.2	17
34	Effect of the Catechol-O-Methyltransferase Inhibitors Tolcapone and Entacapone on Fatty Acid Metabolism in HepaRG Cells. Toxicological Sciences, 2018, 164, 477-488.	3.1	9
35	N-demethylation of N-methyl-4-aminoantipyrine, the main metabolite of metamizole. European Journal of Pharmaceutical Sciences, 2018, 120, 172-180.	4.0	10
36	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

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37	Effect of Toxicants on Fatty Acid Metabolism in HepG2 Cells. Frontiers in Pharmacology, 2018, 9, 257.	3.5	18
38	Using dried blood spots to facilitate therapeutic drug monitoring of antiretroviral drugs in resource-poor regions. Journal of Antimicrobial Chemotherapy, 2018, 73, 2729-2737.	3.0	16
39	Sunitinib induces hepatocyte mitochondrial damage and apoptosis in mice. Toxicology, 2018, 409, 13-23.	4.2	21
40	Health care provider communication training in rural Tanzania empowers <scp>HIV</scp>â€infected patients on antiretroviral therapy to discuss adherence problems. HIV Medicine, 2017, 18, 623-634.	2.2	13
41	Automated high throughput analysis of antiretroviral drugs in dried blood spots. Journal of Mass Spectrometry, 2017, 52, 534-542.	1.6	24
42	Pharmacokinetic Study of Praziquantel Enantiomers and Its Main Metabolite R-trans-4-OH-PZQ in Plasma, Blood and Dried Blood Spots in Opisthorchis viverrini-Infected Patients. PLoS Neglected Tropical Diseases, 2016, 10, e0004700.	3.0	17
43	Impaired Exercise Performance and Skeletal Muscle Mitochondrial Function in Rats with Secondary Carnitine Deficiency. Frontiers in Physiology, 2016, 7, 345.	2.8	5
44	Single-Ascending-Dose Pharmacokinetic Study of Tribendimidine in Opisthorchis viverrini-Infected Patients. Antimicrobial Agents and Chemotherapy, 2016, 60, 5705-5715.	3.2	9
45	Efficacy and safety of tribendimidine against Opisthorchis viverrini : two randomised, parallel-group, single-blind, dose-ranging, phase 2 trials. Lancet Infectious Diseases, The, 2016, 16, 1145-1153.	9.1	24
46	Population Pharmacokinetic Modeling of Tribendimidine Metabolites in Opisthorchis viverrini-Infected Adults. Antimicrobial Agents and Chemotherapy, 2016, 60, 5695-5704.	3.2	9
47	Development and validation of an enantioselective LCâ€“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
48	LCâ€“MS/MS method for the determination of two metabolites of tribendimidine, deacylated amidantel and its acetylated metabolite in plasma, blood and dried blood spots. Journal of Pharmaceutical and Biomedical Analysis, 2015, 105, 163-173.	2.8	10
49	Interactions between Bupropion and 3,4-Methylenedioxymethamphetamine in Healthy Subjects. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 102-111.	2.5	46
50	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
51	Efficacy and pharmacokinetics of OZ78 and MT04 against a natural infection with Fasciola hepatica in sheep. Veterinary Parasitology, 2013, 198, 102-110.	1.8	13
52	Disposition of Mefloquine and Enpiroline Is Highly Influenced by a Chronic Schistosoma mansoni Infection. Antimicrobial Agents and Chemotherapy, 2013, 57, 4506-4511.	3.2	8
53	Trematode Infections. Infectious Disease Clinics of North America, 2012, 26, 399-419.	5.1	86
54	Systematic Evaluation of Extraction Methods for Multiplatform-Based Metabotyping: Application to the Fasciola hepatica Metabolome. Analytical Chemistry, 2012, 84, 6963-6972.	6.5	41

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55	Evaluation of the pharmacokinetic profile of artesunate, artemether and their metabolites in sheep naturally infected with Fasciola hepatica. Veterinary Parasitology, 2012, 186, 270-280.	1.8	12
56	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. Journal of Mass Spectrometry, 2011, 46, 172-181.	1.6	19
57	Update on the diagnosis and treatment of food-borne trematode infections. Current Opinion in Infectious Diseases, 2010, 23, 513-520.	3.1	58
58	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
59	In Vivo and In Vitro Sensitivity of Fasciola hepatica to Triclabendazole Combined with Artesunate, Artemether, or OZ78. Antimicrobial Agents and Chemotherapy, 2010, 54, 4596-4604.	3.2	36
60	Anthelmintic activity of artesunate against Fasciola hepatica in naturally infected sheep. Research in Veterinary Science, 2010, 88, 107-110.	1.9	49