Uwe Christians

List of Publications by Year in Descending Order

61 papers	1,768 citations	23 h-index	41 g-index
65 ext. papers	1,994 ext. citations	4.4 avg, IF	4.42 L-index

#	Paper	IF	Citations
61	Physiologically-Based Pharmacokinetic Modeling to Investigate the Effect of Maturation on Buprenorphine Pharmacokinetics in Newborns with Neonatal Opioid Withdrawal Syndrome. *Clinical Pharmacology and Therapeutics*, **2021**,	6.1	2
60	Pharmacokinetics of cannabichromene in a medical cannabis product also containing cannabidiol and Δ-tetrahydrocannabinol: a pilot study. *European Journal of Clinical Pharmacology*, **2021**, 1	2.8	0
59	Simultaneous Quantification of 17 Cannabinoids bY LC-MS-MS in Human Plasma. *Journal of Analytical Toxicology*, **2021**,	2.9	4
58	Analysis of 14 endocannabinoids and endocannabinoid congeners in human plasma using column switching high-performance atmospheric pressure chemical ionization liquid chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 3381-3392	4.4	1
57	A simple and easy-to-perform liquid chromatography-mass spectrometry method for the quantification of tacrolimus and its metabolites in human whole blood. Application to the determination of metabolic ratios in kidney transplant patients. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2021**, 1172, 122688	3.2	0
56	POS0383 EFFECTS OF TOFACITINIB THERAPY ON ARGININE AND METHIONINE METABOLITES IN ASSOCIATION WITH VASCULAR PATHOPHYSIOLOGY IN RHEUMATOID ARTHRITIS: A METABOLOMIC APPROACH. *Annals of the Rheumatic Diseases*, **2021**, 80, 421.2-422	2.4	0
55	The Hepatic Microenvironment Uniquely Protects Leukemia Cells through Induction of Growth and Survival Pathways Mediated by LIPG. *Cancer Discovery*, **2021**, 11, 500-519	24.4	7
54	Physiologic Indirect Response Modeling to Describe Buprenorphine Pharmacodynamics in Newborns Treated for Neonatal Opioid Withdrawal Syndrome. *Clinical Pharmacokinetics*, **2021**, 60, 249-259	6.2	4
53	Development and validation of an LC-MS/MS assay for the quantification of allopregnanolone and its progesterone-derived isomers, precursors, and cortisol/cortisone in pregnancy. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 5427-5438	4.4	0
52	Disposition of Oral Cannabidiol-Rich Cannabis Extracts in Children with Epilepsy. *Clinical Pharmacokinetics*, **2020**, 59, 1005-1012	6.2	4
51	The New Direct-Acting Oral Anticoagulants Need to be Monitored!. *Therapeutic Drug Monitoring*, **2020**, 42, 357-359	3.2	
50	A Sensitive LC-MS/MS Assay for the Quantification of Methadone and its Metabolites in Dried Blood Spots: Comparison With Plasma. *Therapeutic Drug Monitoring*, **2020**, 42, 118-128	3.2	3
49	Disposition of oral delta-9 tetrahydrocannabinol (THC) in children receiving cannabis extracts for epilepsy. *Clinical Toxicology*, **2020**, 58, 124-128	2.9	7
48	Temsirolimus metabolic pathways revisited. *Xenobiotica*, **2020**, 50, 640-653	2	0
47	Elevated plasma homocysteine and cysteine are associated with endothelial dysfunction across menopausal stages in healthy women. *Journal of Applied Physiology*, **2019**, 126, 1533-1540	3.7	3
46	Biomarkers of oxidative stress, inflammation, and vascular dysfunction in inherited cystathionine β-synthase deficient homocystinuria and the impact of taurine treatment in a phase 1/2 human clinical trial. *Journal of Inherited Metabolic Disease*, **2019**, 42, 424-437	5.4	3
45	Evaluation of Clinical and Safety Outcomes Following Uncontrolled Tacrolimus Conversion in Adult Transplant Recipients. *Pharmacotherapy*, **2019**, 39, 564-575	5.8	2

44	A Theoretical Physiologically-Based Pharmacokinetic Approach to Ascertain Covariates Explaining the Large Interpatient Variability in Tacrolimus Disposition. *CPT: Pharmacometrics and Systems Pharmacology*, **2019**, 8, 273-284	4.5	15
43	Brief Report: Markers of Spontaneous Preterm Delivery in Women Living With HIV: Relationship With Protease Inhibitors and Vitamin D. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2019**, 82, 181-187	3.1	2
42	Surface Detection of THC Attributable to Vaporizer Use in the Indoor Environment. *Scientific Reports*, **2019**, 9, 18587	4.9	12
41	A proteomics-metabolomics approach indicates changes in hypothalamic glutamate-GABA metabolism of adult female rats submitted to intrauterine growth restriction. *European Journal of Nutrition*, **2019**, 58, 3059-3068	5.2	8
40	Assessment of tacrolimus intrapatient variability in stable adherent transplant recipients: Establishing baseline values. *American Journal of Transplantation*, **2019**, 19, 1410-1420	8.7	44
39	A simple and highly sensitive on-line column extraction liquid chromatography-tandem mass spectrometry method for the determination of protein-unbound tacrolimus in human plasma samples. *Journal of Chromatography A*, **2018**, 1547, 45-52	4.5	13
38	The pharmacokinetics of intravenous ketorolac in children aged 2 months to 16 years: A population analysis. *Paediatric Anaesthesia*, **2018**, 28, 80-86	1.8	5
37	Regulation of kynurenine metabolism by a ketogenic diet. *Journal of Lipid Research*, **2018**, 59, 958-966	6.3	24
36	Morphine Pharmacokinetics in Children With Down Syndrome Following Cardiac Surgery. *Pediatric Critical Care Medicine*, **2018**, 19, 459-467	3	1
35	Validation of the cell line LS180 as a model for study of the gastrointestinal toxicity of mycophenolic acid. *Xenobiotica*, **2018**, 48, 433-441	2	3
34	Endothelial Microparticles and Systemic Complement Activation in Patients With Chronic Kidney Disease. *Journal of the American Heart Association*, **2018**, 7,	6	35
33	Ablation of Cyclophilin D Results in an Activation of FAK, Akt, and ERK Pathways in the Mouse Heart. *Journal of Cellular Biochemistry*, **2017**, 118, 2933-2940	4.7	4
32	The novel combination of theophylline and bambuterol as a potential treatment of hypoxemia in humans. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 1009-1018	2.4	1
31	The Immunosuppressant Mycophenolic Acid Alters Nucleotide and Lipid Metabolism in an Intestinal Cell Model. *Scientific Reports*, **2017**, 7, 45088	4.9	12
30	Intrauterine Growth Restriction Programs the Hypothalamus of Adult Male Rats: Integrated Analysis of Proteomic and Metabolomic Data. *Journal of Proteome Research*, **2017**, 16, 1515-1525	5.6	27
29	A relative L-arginine deficiency contributes to endothelial dysfunction across the stages of the menopausal transition. *Physiological Reports*, **2017**, 5, e13409	2.6	20
28	An Atmospheric Pressure Chemical Ionization MS/MS Assay Using Online Extraction for the Analysis of 11 Cannabinoids and Metabolites in Human Plasma and Urine. *Therapeutic Drug Monitoring*, **2017**, 39, 556-564	3.2	39
27	Bioequivalence between innovator and generic tacrolimus in liver and kidney transplant recipients: A randomized, crossover clinical trial. *PLoS Medicine*, **2017**, 14, e1002428	11.6	21

26	Targeted and global pharmacometabolomics in everolimus-based immunosuppression: association of co-medication and lysophosphatidylcholines with dose requirement. *Metabolomics*, **2017**, 14, 3	4.7	1
25	Amino acids in a targeted versus a non-targeted metabolomics LC-MS/MS assay. Are the results consistent?. *Clinical Biochemistry*, **2016**, 49, 955-61	3.5	26
24	A high-performance liquid chromatography-tandem mass spectrometry-based targeted metabolomics kidney dysfunction marker panel in human urine. *Clinica Chimica Acta*, **2015**, 446, 43-53	6.2	22
23	Everolimus and sirolimus in transplantation-related but different. *Expert Opinion on Drug Safety*, **2015**, 14, 1055-70	4.1	88
22	Quantification of the Immunosuppressant Tacrolimus on Dried Blood Spots Using LC-MS/MS. *Journal of Visualized Experiments*, **2015**, e52424	1.6	11
21	Intranasal Fentanyl for Breakthrough Pain Control. *Clinical Medicine Insights Therapeutics*, **2012**, 4, CMT.S7298		3
20	A sensitive assay for the quantification of morphine and its active metabolites in human plasma and dried blood spots using high-performance liquid chromatography-tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2011**, 400, 715-28	4.4	65
19	A low blood volume LC-MS/MS assay for the quantification of fentanyl and its major metabolites norfentanyl and despropionyl fentanyl in children. *Journal of Separation Science*, **2011**, 34, 3568-77	3.4	34
18	Structural identification of SAR-943 metabolites generated by human liver microsomes in vitro using mass spectrometry in combination with analysis of fragmentation patterns. *Journal of Mass Spectrometry*, **2011**, 46, 615-24	2.2	6
17	Characterization of sirolimus metabolites in pediatric solid organ transplant recipients. *Pediatric Transplantation*, **2009**, 13, 44-53	1.8	19
16	Development and validation of a semi-automated assay for the highly sensitive quantification of Biolimus A9 in human whole blood using high-performance liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2009**, 877, 3506-14	3.2	13
15	Assessment and validation of the MS/MS fragmentation patterns of the macrolide immunosuppressant everolimus. *Journal of Mass Spectrometry*, **2007**, 42, 793-802	2.2	28
14	Identification of everolimus metabolite patterns in trough blood samples of kidney transplant patients. *Therapeutic Drug Monitoring*, **2007**, 29, 592-9	3.2	28
13	Active drug transport of immunosuppressants: new insights for pharmacokinetics and pharmacodynamics. *Therapeutic Drug Monitoring*, **2006**, 28, 39-44	3.2	71
12	52 A SINGLE-DOSE PHARMACOKINETIC STUDY OF MYFORTIC (MYCOPHENOLATE SODIUM) IN LIVER TRANSPLANT RECIPIENTS: PRELIMINARY FINDINGS.: TABLE 1. *Journal of Investigative Medicine*, **2006**, 54, S382.2-S382	2.9	
11	Functional interactions between P-glycoprotein and CYP3A in drug metabolism. *Expert Opinion on Drug Metabolism and Toxicology*, **2005**, 1, 641-54	5.5	80
10	Alterations in glucose metabolism by cyclosporine in rat brain slices link to oxidative stress: interactions with mTOR inhibitors. *British Journal of Pharmacology*, **2004**, 143, 388-96	8.6	53
9	Transport proteins and intestinal metabolism: P-glycoprotein and cytochrome P4503A. *Therapeutic Drug Monitoring*, **2004**, 26, 104-6	3.2	47

8	Mechanisms of clinically relevant drug interactions associated with tacrolimus. *Clinical Pharmacokinetics*, **2002**, 41, 813-51	6.2	217
7	Metabolism of sirolimus and its derivative everolimus by cytochrome P450 3A4: insights from docking, molecular dynamics, and quantum chemical calculations. *Journal of Medicinal Chemistry*, **2001**, 44, 2027-34	8.3	58
6	Sirolimus, but not the structurally related RAD (everolimus), enhances the negative effects of cyclosporine on mitochondrial metabolism in the rat brain. *British Journal of Pharmacology*, **2001**, 133, 875-85	8.6	64
5	Comparison of the in vitro metabolism of the macrolide immunosuppressants sirolimus and RAD. *Transplantation Proceedings*, **2001**, 33, 514-5	1.1	99
4	Automated, fast and sensitive quantification of drugs in blood by liquid chromatography-mass spectrometry with on-line extraction: immunosuppressants. *Biomedical Applications*, **2000**, 748, 41-53		143
3	Structural identification of three metabolites and a degradation product of the macrolide immunosuppressant sirolimus (rapamycin) by electrospray-MS/MS after incubation with human liver microsomes. *Drug Metabolism and Disposition*, **1996**, 24, 1272-8	4	33
2	Metabolism of the immunosuppressant tacrolimus in the small intestine: cytochrome P450, drug interactions, and interindividual variability. *Drug Metabolism and Disposition*, **1995**, 23, 1315-24	4	180
1	Isolation of two immunosuppressive metabolites after in vitro metabolism of rapamycin. *Drug Metabolism and Disposition*, **1992**, 20, 186-91	4	43