

# Vincent Haufroid

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,715  
citations

279701

23  
h-index

189801

50  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3561  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of CYP3A5 and MDR1 (ABCB1) polymorphisms on cyclosporine and tacrolimus dose requirements and trough blood levels in stable renal transplant patients. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 147-154.	5.7	409
2	Therapeutic Drug Monitoring of Tacrolimus-Personalized Therapy: Second Consensus Report. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 261-307.	1.0	374
3	Sustainability of artisanal mining of cobalt in DR Congo. <i>Nature Sustainability</i> , 2018, 1, 495-504.	11.5	289
4	High human exposure to cobalt and other metals in Katanga, a mining area of the Democratic Republic of Congo. <i>Environmental Research</i> , 2009, 109, 745-752.	3.7	210
5	Reference values and upper reference limits for 26 trace elements in the urine of adults living in Belgium. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 839-849.	1.4	157
6	1199G&gt;A and 2677G&gt;T/A polymorphisms of ABCB1 independently affect tacrolimus concentration in hepatic tissue after liver transplantation. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 873-883.	0.7	94
7	Pathways of human exposure to cobalt in Katanga, a mining area of the D.R. Congo. <i>Science of the Total Environment</i> , 2014, 490, 313-321.	3.9	90
8	Personalized Therapy for Mycophenolate: Consensus Report by the International Association of Therapeutic Drug Monitoring and Clinical Toxicology. <i>Therapeutic Drug Monitoring</i> , 2021, 43, 150-200.	1.0	89
9	CYP2D6 genetic polymorphisms and their relevance for poisoning due to amfetamines, opioid analgesics and antidepressants. <i>Clinical Toxicology</i> , 2015, 53, 501-510.	0.8	81
10	Genetic Polymorphisms of ATP-Binding Cassette Transporters ABCB1 and ABCC2 and their Impact on Drug Disposition. <i>Current Drug Targets</i> , 2011, 12, 631-646.	1.0	56
11	Influence of host genetic factors on efavirenz plasma and intracellular pharmacokinetics in HIV-1-infected patients. <i>Pharmacogenomics</i> , 2010, 11, 1223-1234.	0.6	53
12	Ultra-high performance liquid chromatography tandem mass spectrometric method for the determination of tamoxifen, N-desmethyltamoxifen, 4-hydroxytamoxifen and endoxifen in dried blood spots Development, validation and clinical application during breast cancer adjuvant therapy. <i>Talanta</i> , 2015, 132, 775-784.	2.9	50
13	Adverse Health Effects of Child Labor: High Exposure to Chromium and Oxidative DNA Damage in Children Manufacturing Surgical Instruments. <i>Environmental Health Perspectives</i> , 2012, 120, 1469-1474.	2.8	48
14	Tacrolimus Updated Guidelines through popPK Modeling: How to Benefit More from CYP3A Pre-emptive Genotyping Prior to Kidney Transplantation. <i>Frontiers in Pharmacology</i> , 2017, 8, 358.	1.6	44
15	ABCB1 1199G&gt;A Genetic Polymorphism (Rs2229109) Influences the Intracellular Accumulation of Tacrolimus in HEK293 and K562 Recombinant Cell Lines. <i>PLoS ONE</i> , 2014, 9, e91555.	1.1	38
16	Elevated blood lead levels and sources of exposure in the population of Kinshasa, the capital of the Democratic Republic of Congo. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 81-87.	1.8	34
17	Preeclampsia and toxic metals: a case-control study in Kinshasa, DR Congo. <i>Environmental Health</i> , 2016, 15, 48.	1.7	32
18	Impact of ABCB1 1236C&gt;A&gt;T-2677G&gt;A&gt;T-3435C&gt;A&gt;T polymorphisms on the anti-proliferative activity of imatinib, nilotinib, dasatinib and ponatinib. <i>Scientific Reports</i> , 2016, 6, 29559.	1.6	31

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19	Metal exposure in schoolchildren and working children. A urinary biomonitoring study from Lahore, Pakistan. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 669-677.	2.1	29
20	Association between <i>ABCC2</i> polymorphism and lopinavir accumulation in peripheral blood mononuclear cells of HIV-infected patients. <i>Pharmacogenomics</i> , 2009, 10, 1589-1597.	0.6	28
21	Severe acute cardiomyopathy associated with venlafaxine overdose and possible role of CYP2D6 and CYP2C19 polymorphisms. <i>Clinical Toxicology</i> , 2011, 49, 865-869.	0.8	26
22	Urinary trace element concentrations in environmental settings: is there a value for systematic creatinine adjustment or do we introduce a bias?. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 296-302.	1.8	26
23	Nanometer-long Ge- <i>imogolite</i> nanotubes cause sustained lung inflammation and fibrosis in rats. <i>Particle and Fibre Toxicology</i> , 2014, 11, 67.	2.8	25
24	<i>ABCB1</i> 1199G>A polymorphism (rs2229109) affects the transport of imatinib, nilotinib and dasatinib. <i>Pharmacogenomics</i> , 2016, 17, 883-890.	0.6	22
25	Preeclampsia and blood lead (and other metals) in Lubumbashi, DR Congo. <i>Environmental Research</i> , 2018, 167, 468-471.	3.7	22
26	Quantification of 8 HIV-Protease Inhibitors and 2 Nonnucleoside Reverse Transcriptase Inhibitors by Ultra-Performance Liquid Chromatography with Diode Array Detection. <i>Clinical Chemistry</i> , 2009, 55, 170-174.	1.5	19
27	Genotype-based tacrolimus dosing guidelines: with or without <i>CYP3A4</i> ? <i>Pharmacogenomics</i> , 2017, 18, 1473-1480.	0.6	19
28	Predictors of tacrolimus pharmacokinetic variability: current evidences and future perspectives. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 769-782.	1.5	19
29	Exposure of hairdressers to aromatic diamines: an interventional study confirming the protective effect of adequate glove use. <i>Occupational and Environmental Medicine</i> , 2016, 73, 221-228.	1.3	18
30	Impact of UGT1A1 polymorphisms on Raltegravir and its glucuronide plasma concentrations in a cohort of HIV-1 infected patients. <i>Scientific Reports</i> , 2018, 8, 7359.	1.6	18
31	Quantification of darunavir and etravirine in human peripheral blood mononuclear cells using high performance liquid chromatography tandem mass spectrometry (LC-MS/MS), clinical application in a cohort of 110 HIV-1 infected patients and evidence of a potential drug-drug interaction. <i>Clinical Biochemistry</i> , 2016, 49, 580-586.	0.8	16
32	Occupational Exposure to Metals in Shooting Ranges: A Biomonitoring Study. <i>Safety and Health at Work</i> , 2019, 10, 87-94.	0.3	16
33	The physiological determinants of low-level urine cadmium: an assessment in a cross-sectional study among schoolchildren. <i>Environmental Health</i> , 2017, 16, 99.	1.7	15
34	Contamination of water and food crops by trace elements in the African Copperbelt: A collaborative cross-border study in Zambia and the Democratic Republic of Congo. <i>Environmental Advances</i> , 2021, 6, 100103.	2.2	14
35	Repetitive Endoscopy and Continuous Alkaline Gastric Irrigation in a Case of Arsenic Poisoning. <i>Journal of Toxicology: Clinical Toxicology</i> , 2000, 38, 471-476.	1.5	12
36	Severe Rhabdomyolysis Associated with Simvastatin and Role of Ciprofloxacin and Amlodipine Coadministration. <i>Case Reports in Nephrology</i> , 2015, 2015, 1-4.	0.2	12

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37	Reversible cardiac dysfunction after venlafaxine overdose and possible influence of genotype and metabolism. <i>Forensic Science International</i> , 2016, 266, e48-e51.	1.3	12
38	Effect of ABCB1 genetic polymorphisms on the transport of rivaroxaban in HEK293 recombinant cell lines. <i>Scientific Reports</i> , 2018, 8, 10514.	1.6	12
39	Cardiogenic Shock in a Hemodialyzed Patient on Flecainide: Treatment with Intravenous Fat Emulsion, Extracorporeal Cardiac Life Support, and CytoSorb® Hemoadsorption. <i>Case Reports in Cardiology</i> , 2019, 2019, 1-5.	0.1	11
40	Interaction between Darunavir and Etravirine Is Partly Mediated by CYP3A5 Polymorphism. <i>PLoS ONE</i> , 2016, 11, e0165631.	1.1	11
41	Reference values of trace elements in blood and/or plasma in adults living in Belgium. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 729-742.	1.4	11
42	Human biomonitoring of heavy metals in the vicinity of non-ferrous metal plants in Ath, Belgium. <i>Archives of Public Health</i> , 2016, 74, 42.	1.0	10
43	Pharmacogenetic-based strategy using <i>de novo</i> tacrolimus once daily after kidney transplantation: prospective pilot study. <i>Pharmacogenomics</i> , 2016, 17, 1019-1027.	0.6	10
44	Urinary lead in relation to combustion-derived air pollution in urban environments. A longitudinal study of an international panel. <i>Environment International</i> , 2019, 125, 75-81.	4.8	10
45	Effects of Thickness and Grafting Density on the Activity of Polymer-Brush-immobilized Tris(triazolyl) Copper(I) Catalysts. <i>ChemCatChem</i> , 2015, 7, 856-864.	1.8	9
46	Joint Belgian recommendation on screening for DPD-deficiency in patients treated with 5-FU, capecitabine (and tegafur). <i>Acta Clinica Belgica</i> , 2021, , 1-7.	0.5	9
47	Atorvastatin population pharmacokinetics in a real-life setting: Influence of genetic polymorphisms and association with clinical response. <i>Clinical and Translational Science</i> , 2022, 15, 667-679.	1.5	8
48	Contribution of macrophages in the contrast loss in iron oxide-based MRI cancer cell tracking studies. <i>Oncotarget</i> , 2017, 8, 38876-38885.	0.8	7
49	Comparison of cytochrome P4502E1 (CYP2E1) activity and hepatic and lymphocyte mRNA expression in patients with chronic hepatitis C. <i>Toxicology Letters</i> , 2005, 155, 171-177.	0.4	6
50	Pharmacogenetic associations with cytochrome P450 in antiretroviral therapy: what does the future hold?. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 601-611.	1.5	6
51	Severe and prolonged flecainide intoxication treated by extracorporeal life support: possible role of cytochrome P450 2D6 polymorphism?. <i>Clinical Toxicology</i> , 2019, 57, 672-673.	0.8	6
52	Pharmacogenetics Biomarkers Predictive of Drug Pharmacodynamics as an Additional Tool to Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 121-130.	1.0	6
53	No evidence of cardiovascular toxicity in workers exposed below 5Âµppm carbon disulfide. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 835-845.	1.1	5
54	Chronic dialysis, NAT2 polymorphisms, and the risk of isoniazid-induced encephalopathy – case report and literature review. <i>BMC Nephrology</i> , 2017, 18, 282.	0.8	5

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55	The metalloprotein YhcH is an anomerase providing N-acetylneuraminase aldolase with the open form of its substrate. <i>Journal of Biological Chemistry</i> , 2021, 296, 100699.	1.6	5
56	Exploration of Reduced Doses and Short-Cycle Therapy for Darunavir/Cobicistat in Patients with HIV Using Population Pharmacokinetic Modeling and Simulations. <i>Clinical Pharmacokinetics</i> , 2021, 60, 177-189.	1.6	4
57	Heavy metal chelation tests: the misleading and hazardous promise. <i>Archives of Toxicology</i> , 2020, 94, 2893-2896.	1.9	3
58	Systemic effects and impact on the gut microbiota upon subacute oral exposure to silver acetate in rats. <i>Archives of Toxicology</i> , 2021, 95, 1251-1266.	1.9	2
59	Respiratory Health and Urinary Trace Metals among Artisanal Stone-Crushers: A Cross-Sectional Study in Lubumbashi, DR Congo. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9384.	1.2	2
60	HYGIEIA: HYpothesizing the Genesis of Infectious Diseases and Epidemics through an Integrated Systems Biology Approach. <i>Viruses</i> , 2022, 14, 1373.	1.5	2
61	Sustained hypoglycemia with therapeutic use of repaglinide. <i>Acta Diabetologica</i> , 2020, 57, 751-753.	1.2	1
62	Optimal sampling strategies for darunavir and external validation of the underlying population pharmacokinetic model. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 607-616.	0.8	1
63	Effect of four ABCB1 genetic polymorphisms on the accumulation of darunavir in HEK293 recombinant cell lines. <i>Scientific Reports</i> , 2021, 11, 9000.	1.6	1
64	Recurrence of Serotonin Toxicity and Influence of Cytochrome 2D6 Polymorphism. primary care companion for CNS disorders, <i>The</i> , 2019, 21, .	0.2	1
65	Elevation of alkaline phosphatase and long-term drug therapy for cystic fibrosis. <i>European Journal of Clinical Pharmacology</i> , 2022, 78, 699.	0.8	1
66	Unexplained Metabolic Acidosis: Alcoholic Ketoacidosis or Propylene Glycol Toxicity. <i>Journal of Medical Toxicology</i> , 2022, 18, 155.	0.8	1
67	CYP2E1 Polymorphism and Better Outcome after Methanol Poisoning. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 1-2.	1.2	0
68	Misdiagnosis of a primary vaginal stone leading to a suspicion of sexual assault in a heavily disabled woman. <i>Journal of the Canadian Society of Forensic Science</i> , 0, , 1-7.	0.7	0