

Pierre Wallemacq

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

3,010
citations

27
h-index

54
g-index

68
ext. papers

3,530
ext. citations

3.7
avg, IF

4.42
L-index

#	Paper	IF	Citations
64	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, 147-54		368
63	Opportunities to optimize tacrolimus therapy in solid organ transplantation: report of the European consensus conference. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 139-52	3.2	347
62	Therapeutic Drug Monitoring of Tacrolimus-Personalized Therapy: Second Consensus Report. <i>Therapeutic Drug Monitoring</i> , 2019 , 41, 261-307	3.2	163
61	Early signs and risk factors for the increased incidence of Epstein-Barr virus-related posttransplant lymphoproliferative diseases in pediatric liver transplant recipients treated with tacrolimus. <i>Transplantation</i> , 1997 , 64, 1438-42	1.8	145
60	Comparison of calibrated chromogenic anti-Xa assay and PT tests with LC-MS/MS for the therapeutic monitoring of patients treated with rivaroxaban. <i>Thrombosis and Haemostasis</i> , 2013 , 110, 723-31	7	121
59	Effect of a new functional CYP3A4 polymorphism on calcineurin inhibitors dose requirements and trough blood levels in stable renal transplant patients. <i>Pharmacogenomics</i> , 2011 , 12, 1383-96	2.6	119
58	Evaluation of Adherence Should Become an Integral Part of Assessment of Patients With Apparently Treatment-Resistant Hypertension. <i>Hypertension</i> , 2016 , 68, 297-306	8.5	99
57	Azithromycin reduces exaggerated cytokine production by M1 alveolar macrophages in cystic fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 41, 590-602	5.7	99
56	Pharmacokinetic Basis for the Efficient and Safe Use of Low-Dose Mycophenolate Mofetil in Combination with Tacrolimus in Kidney Transplantation. <i>Clinical Chemistry</i> , 2001 , 47, 1241-1248	5.5	92
55	Sirolimus and tacrolimus trough concentrations and dose requirements after kidney transplantation in relation to CYP3A5 and MDR1 polymorphisms and steroids. <i>Transplantation</i> , 2005 , 80, 977-84	1.8	89
54	1199G>A and 2677G>T/A polymorphisms of ABCB1 independently affect tacrolimus concentration in hepatic tissue after liver transplantation. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 873-83	1.9	83
53	CYP3A5 and ABCB1 polymorphisms influence tacrolimus concentrations in peripheral blood mononuclear cells after renal transplantation. <i>Pharmacogenomics</i> , 2010 , 11, 703-14	2.6	80
52	Azithromycin reduces spontaneous and induced inflammation in DeltaF508 cystic fibrosis mice. <i>Respiratory Research</i> , 2006 , 7, 134	7.3	77
51	Multi-site analytical evaluation of the Abbott ARCHITECT tacrolimus assay. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 198-204	3.2	74
50	Correlation of tacrolimus levels in peripheral blood mononuclear cells with histological staging of rejection after liver transplantation: preliminary results of a prospective study. <i>Transplant International</i> , 2012 , 25, 41-7	3	73
49	Therapeutic Drug Monitoring of Everolimus: A Consensus Report. <i>Therapeutic Drug Monitoring</i> , 2016 , 38, 143-69	3.2	71
48	Assuring the Proper Analytical Performance of Measurement Procedures for Immunosuppressive Drug Concentrations in Clinical Practice: Recommendations of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology Immunosuppressive Drug Scientific Committee. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 176-83	3.2	65

47	Impact of CYP3A4*22 allele on tacrolimus pharmacokinetics in early period after renal transplantation: toward updated genotype-based dosage guidelines. <i>Therapeutic Drug Monitoring</i> , 2013 , 35, 608-16	3.2	58
46	Barcelona Consensus on Biomarker-Based Immunosuppressive Drugs Management in Solid Organ Transplantation. <i>Therapeutic Drug Monitoring</i> , 2016 , 38 Suppl 1, S1-20	3.2	57
45	Liquid chromatography-tandem mass spectrometry or automated immunoassays: what are the future trends in therapeutic drug monitoring?. <i>Clinical Chemistry</i> , 2012 , 58, 821-5	5.5	48
44	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, 775-84	6.2	46
43	Modelled target attainment after meropenem infusion in patients with severe nosocomial pneumonia: the PROMESSE study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 207-16	5.1	42
42	The influence of genetic polymorphisms of cytochrome P450 3A5 and ABCB1 on starting dose- and weight-standardized tacrolimus trough concentrations after kidney transplantation in relation to renal function. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1192-8	5.9	42
41	Pharmacogenetic Biomarkers Predictive of the Pharmacokinetics and Pharmacodynamics of Immunosuppressive Drugs. <i>Therapeutic Drug Monitoring</i> , 2016 , 38 Suppl 1, S57-69	3.2	39
40	Impact of Laboratory Practices on Interlaboratory Variability in Therapeutic Drug Monitoring of Immunosuppressive Drugs. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 718-24	3.2	35
39	A simultaneous d-optimal designed study for population pharmacokinetic analyses of mycophenolic Acid and tacrolimus early after renal transplantation. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 1833-43	2.9	32
38	Biotransformation enzymes and drug transporters pharmacogenetics in relation to immunosuppressive drugs: impact on pharmacokinetics and clinical outcome. <i>Transplantation</i> , 2008 , 85, S19-24	1.8	32
37	Multi-center analytical evaluation of a novel automated tacrolimus immunoassay. <i>Clinical Biochemistry</i> , 2014 , 47, 1069-77	3.5	26
36	Is plasma and urine neutrophil gelatinase-associated lipocalin (NGAL) determination in donors and recipients predictive of renal function after kidney transplantation?. <i>Clinical Biochemistry</i> , 2014 , 47, 68-72	2.5	26
35	Time of drug administration, CYP3A5 and ABCB1 genotypes, and analytical method influence tacrolimus pharmacokinetics: a population pharmacokinetic study. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 734-42	3.2	24
34	Dysregulated proinflammatory and fibrogenic phenotype of fibroblasts in cystic fibrosis. <i>PLoS ONE</i> , 2013 , 8, e64341	3.7	24
33	Does the Russell Viper Venom time test provide a rapid estimation of the intensity of oral anticoagulation? A cohort study. <i>Thrombosis Research</i> , 2015 , 135, 852-60	8.2	23
32	CYP3A4*22 is related to increased plasma levels of 4-hydroxytamoxifen and partially compensates for reduced CYP2D6 activation of tamoxifen. <i>Pharmacogenomics</i> , 2015 , 16, 601-17	2.6	23
31	Influence of donor-recipient CYP3A4/5 genotypes, age and fluconazole on tacrolimus pharmacokinetics in pediatric liver transplantation: a population approach. <i>Pharmacogenomics</i> , 2014 , 15, 1207-21	2.6	23
30	Immunomodulatory activity of vardenafil on induced lung inflammation in cystic fibrosis mice. <i>Journal of Cystic Fibrosis</i> , 2012 , 11, 266-73	4.1	23

29	Population pharmacokinetic analysis of tacrolimus early after pediatric liver transplantation. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 54-61	3.2	22
28	Statistical tools for dose individualization of mycophenolic acid and tacrolimus co-administered during the first month after renal transplantation. <i>British Journal of Clinical Pharmacology</i> , 2013 , 75, 1277-88	3.8	19
27	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	3.2	17
26	Resveratrol increases F508del-CFTR dependent salivary secretion in cystic fibrosis mice. <i>Biology Open</i> , 2015 , 4, 929-36	2.2	16
25	Fast method for simultaneous quantification of tamoxifen and metabolites in dried blood spots using an entry level LC-MS/MS system. <i>Clinical Biochemistry</i> , 2016 , 49, 1295-1298	3.5	13
24	The clinical relevance of imatinib plasma trough concentrations in chronic myeloid leukemia. A Belgian study. <i>Clinical Biochemistry</i> , 2017 , 50, 452-454	3.5	12
23	Plasma and intracellular pharmacokinetic-pharmacodynamic analysis of mycophenolic acid in de novo kidney transplant patients. <i>Clinical Biochemistry</i> , 2015 , 48, 401-5	3.5	12
22	Impact of psychological profile on drug adherence and drug resistance in patients with apparently treatment-resistant hypertension. <i>Blood Pressure</i> , 2018 , 27, 358-367	1.7	11
21	Microemulsion formulation of cyclosporine in pediatric liver transplantation. <i>Transplantation</i> , 1996 , 61, 512-4	1.8	10
20	Validation of a HPLC-MS/MS assay for the determination of total and unbound concentration of temocillin in human serum. <i>Clinical Biochemistry</i> , 2015 , 48, 542-5	3.5	9
19	First report of imatinib measurement in hair: Method development and preliminary evaluation of the relation between hair and plasma concentrations with therapeutic response in chronic myeloid leukemia. <i>Clinica Chimica Acta</i> , 2016 , 453, 42-7	6.2	9
18	Validation of a rapid liquid chromatography-tandem mass spectrometric assay for the determination of octreotide plasma concentrations. <i>Clinical Biochemistry</i> , 2014 , 47, 139-41	3.5	9
17	Application of the characteristic function to evaluate and compare analytical variability in an external quality assessment scheme for serum ethanol. <i>Clinical Chemistry</i> , 2015 , 61, 948-54	5.5	8
16	Pharmacogenetic-based strategy using de novo tacrolimus once daily after kidney transplantation: prospective pilot study. <i>Pharmacogenomics</i> , 2016 , 17, 1019-27	2.6	7
15	Population Pharmacokinetics of Hydroxychloroquine in COVID-19 Patients: Implications for Dose Optimization. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020 , 45, 703-713	2.7	7
14	Extended release tacrolimus and antiretroviral therapy in a renal transplant recipient: so extended!. <i>Transplant International</i> , 2010 , 23, 1065-7	3	6
13	Measuring Intracellular Concentrations of Calcineurin Inhibitors: Expert Consensus from the International Association of Therapeutic Drug Monitoring and Clinical Toxicology Expert Panel. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 665-670	3.2	6
12	Predictors of blood pressure control in patients with resistant hypertension after intensive management in two expert centres: the Brussels-Torino experience. <i>Blood Pressure</i> , 2019 , 28, 336-344	1.7	5

11	Benefit of serum drug monitoring complementing urine analysis to assess adherence to antihypertensive drugs in first-line therapy. <i>PLoS ONE</i> , 2020 , 15, e0237383	3.7	5
10	Fatal e-cigarette or vaping associated lung injury (EVALI): a first case report in Europe. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	5
9	Could trisialotransferrin be used as an additional biomarker to CDT in order to improve detection of chronic excessive alcohol intake?. <i>Clinical Biochemistry</i> , 2014 , 47, 1203-8	3.5	3
8	Assessment of adherence to diuretics and β-blockers by serum drug monitoring in comparison to urine analysis. <i>Blood Pressure</i> , 2020 , 29, 291-298	1.7	2
7	Comparative in vitro antimicrobial potency, stability, colouration and dissolution time of generics versus innovator of meropenem in Europe. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105825	14.3	2
6	Therapeutic drug monitoring of imatinib. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2011 , 33, 257-8		1
5	Temocillin plasma and pancreatic tissue concentrations in a critically ill patient with septic shock. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1459-1461	5.1	1
4	Impact of drug adherence on blood pressure response to alcohol-mediated renal denervation.. <i>Blood Pressure</i> , 2022 , 31, 109-117	1.7	1
3	Adherence to antihypertensive drug treatment in kidney transplant recipients. <i>Blood Pressure</i> , 2021 , 30, 411-415	1.7	
2	Pharmacology and Use of Immunosuppressants 2006 , 631-642		
1	SaO025PREVALENCE AND RISK FACTORS OF CHRONIC KIDNEY DISEASE (CKD) IN SOUTH KIVU, DEMOCRATIC REPUBLIC OF CONGO (DRC): A POPULATION-BASED STUDY. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i325-i325	4.3	