

Mathieu Molimard

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.

116
papers

5,306
citations

39
h-index

70
g-index

127
ext. papers

6,013
ext. citations

4.8
avg, IF

5.22
L-index

#	Paper	IF	Citations
116	Adherence is the critical factor for achieving molecular responses in patients with chronic myeloid leukemia who achieve complete cytogenetic responses on imatinib. <i>Journal of Clinical Oncology</i> , 2010 , 28, 2381-8	2.2	653
115	Trough imatinib plasma levels are associated with both cytogenetic and molecular responses to standard-dose imatinib in chronic myeloid leukemia. <i>Blood</i> , 2007 , 109, 3496-9	2.2	477
114	Poor adherence is the main reason for loss of CCyR and imatinib failure for chronic myeloid leukemia patients on long-term therapy. <i>Blood</i> , 2011 , 117, 3733-6	2.2	234
113	The scientific rationale for combining long-acting beta2-agonists and muscarinic antagonists in COPD. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010 , 23, 257-67	3.5	220
112	Multidrug resistance gene (MDR1) polymorphisms are associated with major molecular responses to standard-dose imatinib in chronic myeloid leukemia. <i>Blood</i> , 2008 , 112, 2024-7	2.2	187
111	Drugs with anticholinergic properties and cognitive performance in the elderly: results from the PAQUID Study. <i>British Journal of Clinical Pharmacology</i> , 2005 , 59, 143-51	3.8	151
110	Dasatinib induces lung vascular toxicity and predisposes to pulmonary hypertension. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3207-18	15.9	144
109	Chronic obstructive pulmonary disease exacerbation and inhaler device handling: real-life assessment of 2935 patients. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	138
108	Simultaneous determination of nine tyrosine kinase inhibitors by 96-well solid-phase extraction and ultra performance LC/MS-MS. <i>Clinica Chimica Acta</i> , 2011 , 412, 1060-7	6.2	136
107	Omalizumab effectiveness in patients with severe allergic asthma according to blood eosinophil count: the STELLAIR study. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	116
106	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 367-374.e2	11.5	95
105	High-performance liquid chromatographic method with diode array detection for identification and quantification of the eight new antidepressants and five of their active metabolites in plasma after overdose. <i>Therapeutic Drug Monitoring</i> , 2003 , 25, 581-7	3.2	92
104	Quantification of imatinib in human plasma by high-performance liquid chromatography-tandem mass spectrometry. <i>Therapeutic Drug Monitoring</i> , 2005 , 27, 634-40	3.2	84
103	Effectiveness of omalizumab (Xolair) in the first patients treated in real-life practice in France. <i>Respiratory Medicine</i> , 2008 , 102, 71-6	4.6	80
102	Pazopanib plus best supportive care versus best supportive care alone in advanced gastrointestinal stromal tumours resistant to imatinib and sunitinib (PAZOGIST): a randomised, multicentre, open-label phase 2 trial. <i>Lancet Oncology</i> , 2016 , 17, 632-41	21.7	76
101	Gender and interindividual variability in pharmacokinetics. <i>Drug Metabolism Reviews</i> , 2009 , 41, 408-21	7	71
100	Agreement of expert judgment in causality assessment of adverse drug reactions. <i>European Journal of Clinical Pharmacology</i> , 2005 , 61, 169-73	2.8	70

99	Determination of myocardium to plasma concentration ratios of five antipsychotic drugs: comparison with their ability to induce arrhythmia and sudden death in clinical practice. <i>Toxicology and Applied Pharmacology</i> , 2004 , 199, 52-60	4.6	68
98	Does omalizumab make a difference to the real-life treatment of asthma exacerbations?: Results from a large cohort of patients with severe uncontrolled asthma. <i>Chest</i> , 2013 , 143, 398-405	5.3	67
97	Atypical antipsychotics: from potassium channels to torsade de pointes and sudden death. <i>Drug Safety</i> , 2005 , 28, 35-51	5.1	64
96	Impact of patient-related factors on asthma control. <i>Journal of Asthma</i> , 2008 , 45, 109-13	1.9	62
95	Prolonged moderate hyperoxia induces hyperresponsiveness and airway inflammation in newborn rats. <i>Pediatric Research</i> , 2001 , 50, 515-9	3.2	61
94	High throughput routine determination of 17 tyrosine kinase inhibitors by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 112-120	3.5	57
93	Omalizumab-induced decrease of Fc ϵ R1 expression in patients with severe allergic asthma. <i>Respiratory Medicine</i> , 2010 , 104, 1608-17	4.6	53
92	Muscarinic stimulation of airway smooth muscle cells. <i>General Pharmacology</i> , 1998 , 31, 349-56		53
91	A therapeutic drug monitoring algorithm for refining the imatinib trough level obtained at different sampling times. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 579-84	3.2	52
90	Inter-expert agreement of seven criteria in causality assessment of adverse drug reactions. <i>British Journal of Clinical Pharmacology</i> , 2007 , 64, 482-8	3.8	52
89	Structure and function of small airways in smokers: relationship between air trapping at CT and airway inflammation. <i>Radiology</i> , 2003 , 228, 85-94	20.5	51
88	Estradiol decreases the acetylcholine-elicited airway reactivity in ovariectomized rats through an increase in epithelial acetylcholinesterase activity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 1849-54	10.2	51
87	Inhaler devices for chronic obstructive pulmonary disease: insights from patients and healthcare practitioners. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2015 , 28, 219-28	3.8	50
86	Imatinib assay by HPLC with photodiode-array UV detection in plasma from patients with chronic myeloid leukemia: Comparison with LC-MS/MS. <i>Clinica Chimica Acta</i> , 2010 , 411, 140-6	6.2	50
85	Relationship between imatinib trough concentration and outcomes in the treatment of advanced gastrointestinal stromal tumours in a real-life setting. <i>European Journal of Cancer</i> , 2016 , 57, 31-8	7.5	48
84	Inhaled corticosteroids and adrenal insufficiency: prevalence and clinical presentation. <i>Drug Safety</i> , 2008 , 31, 769-74	5.1	45
83	Effects of intermittent femoral nerve injections of bupivacaine, levobupivacaine, and ropivacaine on mitochondrial energy metabolism and intracellular calcium homeostasis in rat psoas muscle. <i>Anesthesiology</i> , 2007 , 106, 1026-34	4.3	44
82	Aminoglycosides in septic shock: an overview, with specific consideration given to their nephrotoxic risk. <i>Drug Safety</i> , 2013 , 36, 217-30	5.1	43

81	High-performance liquid chromatographic method for the simultaneous determination of the six HIV-protease inhibitors and two non-nucleoside reverse transcriptase inhibitors in human plasma. <i>Therapeutic Drug Monitoring</i> , 2002 , 24, 417-24	3.2	42
80	Medical and non-medical direct costs of chronic low back pain in patients consulting primary care physicians in France. <i>Fundamental and Clinical Pharmacology</i> , 2010 , 24, 101-8	3.1	41
79	Quantification of tricyclic antidepressants and monoamine oxidase inhibitors by high-performance liquid chromatography-tandem mass spectrometry in whole blood. <i>Journal of Analytical Toxicology</i> , 2007 , 31, 200-7	2.9	40
78	A new method for assessing drug causation provided agreement with experts' judgment. <i>Journal of Clinical Epidemiology</i> , 2006 , 59, 308-14	5.7	40
77	Therapeutic drug monitoring of imatinib in chronic myeloid leukemia: experience from 1216 patients at a centralized laboratory. <i>Fundamental and Clinical Pharmacology</i> , 2013 , 27, 690-7	3.1	39
76	Underdiagnosis of nocturnal symptoms in asthma in general practice. <i>Journal of Asthma</i> , 2006 , 43, 199-202		37
75	Adherence with statins in a real-life setting is better when associated cardiovascular risk factors increase: a cohort study. <i>BMC Cardiovascular Disorders</i> , 2011 , 11, 46	2.3	36
74	Quantification of eight new antidepressants and five of their active metabolites in whole blood by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2007 , 31, 334-41	2.9	36
73	Adherence to anti-inflammatory treatment for asthma in clinical practice in France. <i>Clinical Therapeutics</i> , 2008 , 30 Spec No, 1058-68	3.5	35
72	Cardiovascular events associated with the long-term use of NSAIDs: a review of randomized controlled trials and observational studies. <i>Expert Opinion on Drug Safety</i> , 2014 , 13, 573-85	4.1	34
71	Drug interactions between inhaled corticosteroids and enzymatic inhibitors. <i>European Journal of Clinical Pharmacology</i> , 2009 , 65, 743-5	2.8	33
70	How to achieve good compliance and adherence with inhalation therapy. <i>Current Medical Research and Opinion</i> , 2005 , 21 Suppl 4, S33-7	2.5	32
69	Systematic review of association between critical errors in inhalation and health outcomes in asthma and COPD. <i>Npj Primary Care Respiratory Medicine</i> , 2018 , 28, 43	3.2	32
68	Pharmacokinetic interaction between high-dose methotrexate and oxacillin. <i>Therapeutic Drug Monitoring</i> , 2002 , 24, 570-2	3.2	31
67	Improvement of asthma control with beclomethasone extrafine aerosol compared to fluticasone and budesonide. <i>Respiratory Medicine</i> , 2005 , 99, 770-8	4.6	30
66	Comorbidities and COPD severity in a clinic-based cohort. <i>BMC Pulmonary Medicine</i> , 2018 , 18, 117	3.5	29
65	Effects of armagnac extracts on human platelet function in vitro and on rat arteriovenous shunt thrombosis in vivo. <i>Thrombosis Research</i> , 2003 , 110, 135-40	8.2	29
64	How reimbursement databases can be used to support drug utilisation studies: example using the main French national health insurance system database. <i>European Journal of Clinical Pharmacology</i> , 2010 , 66, 743-8	2.8	27

63	Guidance on handheld inhalers in asthma and COPD guidelines. <i>Respiratory Medicine</i> , 2014 , 108, 694-700.	4.6	26
62	In vitro effects of HOE 140 in human bronchial and vascular tissue. <i>European Journal of Pharmacology</i> , 1995 , 274, 57-64	5.3	25
61	Comparison of serious inhaler technique errors made by device-naïve patients using three different dry powder inhalers: a randomised, crossover, open-label study. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 12	3.5	24
60	Life-threatening adverse drug reactions at admission to medical intensive care: a prospective study in a teaching hospital. <i>Intensive Care Medicine</i> , 2007 , 33, 2150-7	14.5	24
59	Interleukin-1beta-induced hyperresponsiveness to [Sar9, Met(O2)11] substance P in isolated human bronchi. <i>European Journal of Pharmacology</i> , 1999 , 379, 87-95	5.3	24
58	Large-scale imatinib dose-concentration-effect study in CML patients under routine care conditions. <i>Leukemia Research</i> , 2014 , 38, 764-72	2.7	23
57	Immunotherapy with grass pollen tablets reduces medication dispensing for allergic rhinitis and asthma: A retrospective database study in France. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1317-1326	9.3	23
56	Comparison of A60 and three glycolipid antigens in an ELISA test for tuberculosis. <i>Clinical Microbiology and Infection</i> , 1996 , 2, 214-222	9.5	20
55	Trough dabrafenib plasma concentrations can predict occurrence of adverse events requiring dose reduction in metastatic melanoma. <i>Clinica Chimica Acta</i> , 2017 , 472, 26-29	6.2	19
54	Factors associated with choice of psychotropic drugs used for intentional drug overdose. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009 , 259, 86-91	5.1	19
53	Highly sensitive LC-MS/MS methods for urinary biological monitoring of occupational exposure to cyclophosphamide, ifosfamide, and methotrexate antineoplastic drugs and routine application. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 ,	3.2	18
52	Role of thromboxane A2 in bradykinin-induced human isolated small bronchi contraction. <i>European Journal of Pharmacology</i> , 1995 , 278, 49-54	5.3	16
51	Pharmacokinetics in special populations. <i>Drug Metabolism Reviews</i> , 2009 , 41, 422-54	7	15
50	Simplified ultraviolet liquid chromatographic method for determination of sertindole, dehydrosertindole and norsertindole, in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 814, 61-7	3.2	15
49	An UPLC-MS/MS method for the quantification of BRAF inhibitors (vemurafenib, dabrafenib) and MEK inhibitors (cobimetinib, trametinib, binimetinib) in human plasma. Application to treated melanoma patients. <i>Clinica Chimica Acta</i> , 2017 , 470, 8-13	6.2	14
48	Effects of rabeprazole on the antiplatelet effects and pharmacokinetics of clopidogrel in healthy volunteers. <i>Archives of Cardiovascular Diseases</i> , 2013 , 106, 661-71	2.7	14
47	A method to measure deferasirox in plasma using HPLC coupled with MS/MS detection and its potential application. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 476-81	3.2	14
46	Inhalation devices for long-acting beta2-agonists: efficiency and ease of use of dry powder formoterol inhalers for use by patients with asthma and COPD. <i>Current Medical Research and Opinion</i> , 2007 , 23, 2405-13	2.5	14

45	Increased secretion of leukemia inhibitory factor by immature airway smooth muscle cells enhances intracellular signaling and airway contractility. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 291, L244-51	5.8	14
44	Fully automated analytical method for mycophenolic acid quantification in human plasma using on-line solid phase extraction and high performance liquid chromatography with diode array detection. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 505-11	3.2	13
43	Long-acting beta2-adrenergic formoterol and salmeterol induce the apoptosis of B-chronic lymphocytic leukaemia cells. <i>British Journal of Haematology</i> , 2004 , 124, 141-50	4.5	13
42	Dynamic and rapid changes in viral quasispecies by UDPS in chronic hepatitis C patients receiving telaprevir-based therapy. <i>Antiviral Therapy</i> , 2013 , 18, 723-7	1.6	12
41	Prevalence and associated factors of oropharyngeal side effects in users of inhaled corticosteroids in a real-life setting. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010 , 23, 91-5	3.8	12
40	Increased relaxation of immature airways to beta2-adrenoceptor agonists is related to attenuated expression of postjunctional smooth muscle muscarinic M2 receptors. <i>Journal of Applied Physiology</i> , 2005 , 98, 1526-33	3.7	12
39	Comparison of patient questionnaires and plasma assays in intentional drug overdoses. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 95, 31-7	3.1	11
38	SR 140333 prevents potentiation by citric acid of plasma exudation induced by histamine in airways. <i>European Journal of Pharmacology</i> , 1996 , 308, 325-8	5.3	11
37	Pharmacokinetics and pharmacodynamics of nilotinib in gastrointestinal stromal tumors. <i>Seminars in Oncology</i> , 2011 , 38 Suppl 1, S28-33	5.5	10
36	Cost Effectiveness of the Long-Acting β_2 -Adrenergic Agonist (LABA)/Long-Acting Muscarinic Antagonist Dual Bronchodilator Indacaterol/Glycopyrronium Versus the LABA/Inhaled Corticosteroid Combination Salmeterol/Fluticasone in Patients with Chronic Obstructive Pulmonary Disease: Analyses Conducted for Canada, France, Italy, and Portugal. <i>Applied Health Economics and Health Law</i> , 2014 , 2, 1-11	3.4	9
35	Turning a molecule into a medicine: the development of indacaterol as a novel once-daily bronchodilator treatment for patients with COPD. <i>Drugs</i> , 2014 , 74, 1635-57	12.1	9
34	National trends in use and costs of oral anticancer drugs in France: An 8-year population-based study. <i>Pharmacoepidemiology and Drug Safety</i> , 2017 , 26, 1233-1241	2.6	9
33	Once-daily glycopyrronium via the Breezhaler [®] device for the treatment of COPD: pharmacological and clinical profile. <i>Expert Review of Clinical Pharmacology</i> , 2013 , 6, 503-17	3.8	9
32	Correlation between trough imatinib plasma concentration and clinical response in chronic myeloid leukemia. <i>Leukemia Research</i> , 2009 , 33, 1147-8; author reply 1149-50	2.7	9
31	Physicochemical characteristics and bronchial epithelial cell cytotoxicity of Folpan 80 WG(R) and Myco 500(R), two commercial forms of folpet. <i>Particle and Fibre Toxicology</i> , 2007 , 4, 8	8.4	9
30	Quantification methods of folpet degradation products in plasma with HPLC-UV/DAD: application to an in vivo toxicokinetic study in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 865, 106-13	3.2	9
29	Postmortem redistribution of two antipsychotic drugs, haloperidol and thioridazine, in the rat. <i>Journal of Analytical Toxicology</i> , 2006 , 30, 419-25	2.9	9
28	Psychiatric disorders and their comorbidity in subjects with parasuicide by intentional drug overdose: prevalence and gender differences. <i>Psychiatry Research</i> , 2005 , 136, 93-100	9.9	9

27	Accuracy of information on substance use recorded in medical charts of patients with intentional drug overdose. <i>Psychiatry Research</i> , 2007 , 152, 73-9	9.9	8
26	Total reversibility testing as indicator of the clinical efficacy of formoterol in COPD. <i>Respiratory Medicine</i> , 2005 , 99, 695-702	4.6	8
25	Rivaroxaban and apixaban in orthopaedics: is there a difference in their plasma concentrations and anticoagulant effects?. <i>Blood Coagulation and Fibrinolysis</i> , 2015 , 26, 925-33	1	6
24	Use of therapeutic drug monitoring in CML patients on imatinib. <i>Blood</i> , 2007 , 110, 1701-1701	2.2	6
23	Insights into severe asthma control as assessed by guidelines, pulmonologist, patient, and partner. <i>Journal of Asthma</i> , 2010 , 47, 853-9	1.9	5
22	Efficiency and safety of oxcarbazepine in mood disorders: a naturalistic study exploring the interest of plasma dosages. <i>European Psychiatry</i> , 2008 , 23, 409-12	6	5
21	Pharmacological approach to evaluate aerosol pulmonary deposition. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2005 , 18, 183-92		5
20	Furosemide inhibits bradykinin-induced contraction of human bronchi: role of thromboxane A2 receptor antagonism. <i>European Journal of Pharmacology</i> , 1995 , 278, 253-6	5.3	5
19	An observational cohort study of the use of five-grass-pollen extract sublingual immunotherapy during the 2015 pollen season in France. <i>Allergy, Asthma and Clinical Immunology</i> , 2018 , 14, 38	3.2	5
18	The sustainable impact of an educational approach to improve the appropriateness of laboratory test orders in the ICU. <i>PLoS ONE</i> , 2019 , 14, e0214802	3.7	4
17	Biomonitoring of occupational exposure to 5-FU by assaying ^3H -fluoro-alanine in urine with a highly sensitive UHPLC-MS/MS method. <i>Analyst, The</i> , 2018 , 143, 4110-4117	5	4
16	Use of principal component analysis in the evaluation of adherence to statin treatment: a method to determine a potential target population for public health intervention. <i>Fundamental and Clinical Pharmacology</i> , 2011 , 25, 528-33	3.1	4
15	Inhibition by SR 59119A of isoprenaline-, forskolin- and VIP-induced relaxation of human isolated bronchi. <i>Pulmonary Pharmacology and Therapeutics</i> , 2000 , 13, 167-74	3.5	4
14	Indirect muscarinic receptor activation by pentamidine on airway smooth muscle. <i>British Journal of Pharmacology</i> , 1996 , 119, 1131-6	8.6	4
13	How to improve vaccine acceptability (evaluation, pharmacovigilance, communication, public health, mandatory vaccination, fears and beliefs). <i>Therapie</i> , 2019 , 74, 131-140	3.8	3
12	Suicide with cisatracurium and thiopental: forensic and analytical aspects. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 375-80	2.9	3
11	Pharmacologically induced relaxation of tracheal smooth muscle is increased in hyperoxia-exposed 15-day-old rats. <i>Pediatric Pulmonology</i> , 2002 , 33, 124-9	3.5	3
10	Drug Interaction With Sunitinib and the Evidence of Therapeutic Drug Monitoring: A Case Report and Review of the Literature. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, e885-e887	3.3	2

9	Phase I study of axitinib and everolimus in metastatic solid tumours and extension to metastatic renal cell carcinoma: Results of EVAX study. <i>European Journal of Cancer</i> , 2017 , 85, 39-48	7.5	2
8	Myocardium distribution of sertindole and its metabolite dehydrosertindole in guinea-pigs. <i>Biopharmaceutics and Drug Disposition</i> , 2006 , 27, 171-9	1.7	2
7	Effects of S 9977-2 on the guinea pig isolated trachea and the human isolated bronchus. <i>Drug Development Research</i> , 1992 , 26, 147-156	5.1	2
6	Scientific Rationale for Determining the Bioequivalence of Inhaled Drugs. <i>Clinical Pharmacokinetics</i> , 2017 , 56, 1139-1154	6.2	1
5	Information and communication on risks related to medications and proper use of medications for healthcare professionals and the general public: precautionary principle, risk management, communication during and in the absence of crisis situations. <i>Therapie</i> , 2014 , 69, 355-66	3.8	1
4	Conflicts of interests in the area of healthcare products and technology. Current state of affairs and recommendations. <i>Therapie</i> , 2012 , 67, 289-94	3.8	0
3	Interest of pharmacoepidemiology for the study of inhaled drugs. <i>Therapie</i> , 2019 , 74, 233-237	3.8	0
2	How to design a negative study. <i>Chest</i> , 2003 , 123, 655-6; author reply 656	5.3	
1	Inhaled triple therapy in chronic obstructive pulmonary disease. <i>Lancet, The</i> , 2018 , 392, 1112	40	