

# Alain Pruvost

## List of Publications by Year in descending order

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64  
papers

2,304  
citations

159525

30  
h-index

223716

46  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a six-probe cocktail (caffeine, tolbutamide, omeprazole, dextromethorphan, midazolam,) Tj ETQq1 1 0.784314 rgBT /Over after a single oral dosing in healthy Chinese volunteers. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 815-826.	1.4	1
2	In the mouse, prostaglandin D2 signalling protects the endometrium against adenomyosis. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	5
3	Azetidinimines as a novel series of non-covalent broad-spectrum inhibitors of $\beta$ -lactamases with submicromolar activities against carbapenemases KPC-2 (class A), NDM-1 (class B) and OXA-48 (class D). <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113418.	2.6	14
4	Circadian and chemotherapy-related changes in urinary modified nucleosides excretion in patients with metastatic colorectal cancer. <i>Scientific Reports</i> , 2021, 11, 24015.	1.6	1
5	The Folate Cycle Enzyme MTHFR Is a Critical Regulator of Cell Response to MYC-Targeting Therapies. <i>Cancer Discovery</i> , 2020, 10, 1894-1911.	7.7	13
6	Effect of gut microbiota on depressive-like behaviors in mice is mediated by the endocannabinoid system. <i>Nature Communications</i> , 2020, 11, 6363.	5.8	193
7	Intergenerational effects on mouse sperm quality after <i>in utero</i> exposure to acetaminophen and ibuprofen. <i>FASEB Journal</i> , 2019, 33, 339-357.	0.2	26
8	Proof-of-Concept Study of Drug Brain Permeability Between <i>in Vivo</i> Human Brain and an <i>in Vitro</i> iPSCs-Human Blood-Brain Barrier Model. <i>Scientific Reports</i> , 2019, 9, 16310.	1.6	42
9	<i>In utero</i> exposure to acetaminophen and ibuprofen leads to intergenerational accelerated reproductive aging in female mice. <i>Communications Biology</i> , 2019, 2, 310.	2.0	18
10	Cucurbit[5]uril derivatives as oxygen carriers. <i>Supramolecular Chemistry</i> , 2019, 31, 668-675.	1.5	5
11	Dodecyl creatine ester-loaded nanoemulsion as a promising therapy for creatine transporter deficiency. <i>Nanomedicine</i> , 2019, 14, 1579-1593.	1.7	22
12	Microenvironment tailors nTreg structure and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6298-6307.	3.3	22
13	Orchestration of Tryptophan-Kynurenine Pathway, Acute Decompensation, and Acute- $\epsilon$ -Chronic Liver Failure in Cirrhosis. <i>Hepatology</i> , 2019, 69, 1686-1701.	3.6	80
14	A fluorine scan of a tubulin polymerization inhibitor isocombretastatin A-4: Design, synthesis, molecular modelling, and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 473-490.	2.6	24
15	The anti-caspase inhibitor Q-VD-OPH prevents AIDS disease progression in SIV-infected rhesus macaques. <i>Journal of Clinical Investigation</i> , 2018, 128, 1627-1640.	3.9	29
16	Methotrexate and BAFF interaction prevents immunization against TNF inhibitors. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1463-1470.	0.5	25
17	A simple and rapid LC-MS/MS method for therapeutic drug monitoring of cetuximab: a GPCO-UNICANCER proof of concept study in head-and-neck cancer patients. <i>Scientific Reports</i> , 2017, 7, 2714.	1.6	46
18	Virological efficacy of 24-week fozivudine-based regimen in ART-naive patients from Tanzania and C $\hat{e}$ te d $\hat{a}$ Ivoire. <i>Aids</i> , 2017, 31, 501-509.	1.0	0

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19	Reducing C-terminal truncation mitigates synucleinopathy and neurodegeneration in a transgenic model of multiple system atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9593-9598.	3.3	89
20	A limited sampling strategy based on maximum a posteriori Bayesian estimation for a five-probe phenotyping cocktail. <i>European Journal of Clinical Pharmacology</i> , 2016, 72, 39-51.	0.8	5
21	Activity of Bisnaphthalimidopropyl Derivatives against <i>Trypanosoma brucei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2532-2536.	1.4	7
22	Detection of Simian Immunodeficiency Virus in Semen, Urethra, and Male Reproductive Organs during Efficient Highly Active Antiretroviral Therapy. <i>Journal of Virology</i> , 2015, 89, 5772-5787.	1.5	45
23	An optimal LC-MS/MS method for determination of azithromycin in white blood cells: application to pediatric samples. <i>Bioanalysis</i> , 2014, 6, 2317-2328.	0.6	6
24	Pre-clinical development of a combination microbicide vaginal ring containing dapivirine and darunavir. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2477-2488.	1.3	37
25	Therapeutic Modalities of Squalenoyl Nanocomposites in Colon Cancer: An Ongoing Search for Improved Efficacy. <i>ACS Nano</i> , 2014, 8, 2018-2032.	7.3	67
26	Detection of urinary modified nucleosides by a bulk acoustic wave MIP sensor " Results and future work. <i>Irbm</i> , 2014, 35, 66-71.	3.7	10
27	Polymorphisms of Pyrimidine Pathway Enzymes Encoding Genes and HLA-B*40:01 Carriage in Stavudine-Associated Lipodystrophy in HIV-Infected Patients. <i>PLoS ONE</i> , 2013, 8, e67035.	1.1	6
28	<i>In Vitro</i> Primary Human and Animal Cell-Based Blood-Brain Barrier Models as a Screening Tool in Drug Discovery. <i>Molecular Pharmaceutics</i> , 2011, 8, 651-663.	2.3	52
29	Concentrations of Tenofovir and Emtricitabine in Breast Milk of HIV-1-Infected Women in Abidjan, Côte d'Ivoire, in the ANRS 12109 TEmAA Study, Step 2. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1315-1317.	1.4	118
30	Very High Concentrations of Active Intracellular Phosphorylated Emtricitabine in Neonates (ANRS Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50)	1.4	21
31	Association of Thymidylate Synthase Gene Polymorphisms with Stavudine Triphosphate Intracellular Levels and Lipodystrophy. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1428-1435.	1.4	12
32	Plasma and Intracellular Tenofovir Pharmacokinetics in the Neonate (ANRS 12109 Trial, Step 2). <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2961-2967.	1.4	38
33	Relationship between HIV/Highly Active Antiretroviral Therapy (HAART)-Associated Lipodystrophy Syndrome and Stavudine Triphosphate Intracellular Levels in Patients with Stavudine-Based Antiretroviral Regimens. <i>Clinical Infectious Diseases</i> , 2010, 50, 1033-1040.	2.9	28
34	Research Spotlight: Drug bioanalysis and biomarker discovery at the Commissariat à l'énergie atomique et aux énergies alternatives. <i>Bioanalysis</i> , 2010, 2, 713-717.	0.6	1
35	Combination of Tenofovir and Emtricitabine plus Efavirenz: In Vitro Modulation of ABC Transporter and Intracellular Drug Accumulation. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 896-902.	1.4	46
36	Direct analysis of valsartan or candesartan in human plasma and urines by on-line solid phase extraction coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 919-926.	1.2	36

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37	Pilot Pharmacokinetic Study of Human Immunodeficiency Virus-Infected Patients Receiving Tenofovir Disoproxil Fumarate (TDF): Investigation of Systemic and Intracellular Interactions between TDF and Abacavir, Lamivudine, or Lopinavir-Ritonavir. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1937-1943.	1.4	68
38	Biological monitoring of occupational exposure to di(2-ethylhexyl) phthalate: survey of workers exposed to plastisols. <i>International Archives of Occupational and Environmental Health</i> , 2008, 81, 959-966.	1.1	15
39	Specificity enhancement with LC <sup>+</sup> -positive ESI <sup>+</sup> -MS/MS for the measurement of nucleotides: application to the quantitative determination of carbovir triphosphate, lamivudine triphosphate and tenofovir diphosphate in human peripheral blood mononuclear cells. <i>Journal of Mass Spectrometry</i> , 2008, 43, 224-233.	0.7	50
40	Emtricitabine: Inhibitor and substrate of multidrug resistance associated protein. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 35, 247-256.	1.9	36
41	High Levels of Zidovudine (AZT) and Its Intracellular Phosphate Metabolites in AZT- and AZT-Lamivudine-Treated Newborns of Human Immunodeficiency Virus-Infected Mothers. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2555-2563.	1.4	40
42	Evidence and Possible Consequences of the Phosphorylation of Nucleoside Reverse Transcriptase Inhibitors in Human Red Blood Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2105-2111.	1.4	46
43	Sensitive and specific LC <sup>+</sup> -ESI <sup>+</sup> -MS/MS method for the determination of a styrylquinoline, BA011FZ041, a potent HIV anti-integrase agent, in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 259-266.	1.2	6
44	Development and validation of an LC/MS/MS assay for mycophenolic acid in human peripheral blood mononuclear cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 853, 168-174.	1.2	25
45	Visualization of ribonucleotide reductase catalytic oxidation establishes thioredoxins as its major reductants in yeast. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1008-1016.	1.3	31
46	Quantification of Small Therapeutic Proteins in Plasma by Liquid Chromatography <sup>+</sup> Tandem Mass Spectrometry: Application to an Elastase Inhibitor EPI-hNE4. <i>Analytical Chemistry</i> , 2006, 78, 2306-2313.	3.2	59
47	Is Stavudine Triphosphate a Natural Metabolite of Zidovudine?. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2899-2901.	1.4	5
48	Development and validation of a liquid chromatographic/tandem mass spectrometric assay for the quantitation of nucleoside HIV reverse transcriptase inhibitors in biological matrices. <i>Journal of Mass Spectrometry</i> , 2005, 40, 9-18.	0.7	43
49	CYTOCHROME P450-MEDIATED OXIDATION OF GLUCURONIDE DERIVATIVES: EXAMPLE OF ESTRADIOL-17 $\beta$ -GLUCURONIDE OXIDATION TO 2-HYDROXY-ESTRADIOL-17 $\beta$ -GLUCURONIDE BY CYP 2C8. <i>Drug Metabolism and Disposition</i> , 2005, 33, 466-473.	1.7	43
50	Measurement of Intracellular Didanosine and Tenofovir Phosphorylated Metabolites and Possible Interaction of the Two Drugs in Human Immunodeficiency Virus-Infected Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1907-1914.	1.4	101
51	Peripheral blood mononuclear cell counting using a DNA-detection-based method. <i>Analytical Biochemistry</i> , 2004, 330, 172-174.	1.1	36
52	Unexpected CD4 cell count decline in patients receiving didanosine and tenofovir-based regimens despite undetectable viral load. <i>Aids</i> , 2004, 18, 459-463.	1.0	103
53	A strategy for liquid chromatography/tandem mass spectrometric assays of intracellular drugs: application to the validation of the triphosphorylated anabolite of antiretrovirals in peripheral blood mononuclear cells. <i>Journal of Mass Spectrometry</i> , 2003, 38, 879-890.	0.7	53
54	Liquid chromatography <sup>+</sup> tandem mass spectrometry assays for intracellular deoxyribonucleotide triphosphate competitors of nucleoside antiretrovirals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 789, 273-281.	1.2	58

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55	Interferon- $\alpha$ -Ribavirin in Association with Stavudine Has No Impact on Plasma Human Immunodeficiency Virus (HIV) Type 1 Level in Patients Coinfected with HIV and Hepatitis C Virus: A CORISTA-ANRS HC1 Trial. <i>Clinical Infectious Diseases</i> , 2003, 36, 1295-1304.	2.9	24
56	Development of a Direct Assay for Measuring Intracellular AZT Triphosphate in Humans Peripheral Blood Mononuclear Cells. <i>Analytical Chemistry</i> , 2002, 74, 4220-4227.	3.2	44
57	Improved method for the simultaneous determination of d4T, 3TC and ddI intracellular phosphorylated anabolites in human peripheral-blood mononuclear cells using high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 555-565.	0.7	90
58	Characterization of immunoreactive acetyl-Ser-Asp-Lys-Pro in human plasma and urine by liquid chromatography-electrospray mass spectrometry. <i>Biomedical Applications</i> , 2001, 752, 69-75.	1.7	12
59	Direct determination of phosphorylated intracellular anabolites of stavudine (d4T) by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1401-1408.	0.7	66
60	Fully automated determination of eserine-N-oxide in human plasma using on-line solid-phase extraction with liquid chromatography coupled with electrospray ionization tandem mass spectrometry. , 2000, 35, 625-633.		14
61	Ontogenesis of CYP2C-Dependent Arachidonic Acid Metabolism in the Human Liver: Relationship with Sudden Infant Death Syndrome. <i>Pediatric Research</i> , 2000, 47, 677-683.	1.1	27
62	Use of the stable isotopes technique to evaluate the bioavailability of a pharmaceutical form of magnesium in man. <i>Pharmaceutical Research</i> , 1998, 15, 347-351.	1.7	9
63	Development and in vivo assessment of a transdermal system for physostigmine. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 1998, 20, 489.	0.8	8
64	Fate of etiproston, a synthetic analogue of PGF <sub>2<math>\alpha</math></sub> , in cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 1994, 17, 339-344.	0.6	0