

Laurent P Rivory

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76
papers

3,167
citations

28
h-index

55
g-index

80
ext. papers

3,374
ext. citations

5.4
avg, IF

4.79
L-index

#	Paper	IF	Citations
76	Clinical pharmacokinetics of docetaxel. <i>Clinical Pharmacokinetics</i> , 1999 , 36, 99-114	6.2	328
75	Pemetrexed: single-agent and combination phase I study overview. <i>Seminars in Oncology</i> , 2002 , 29, 18-23	3.5	298
74	Conversion of irinotecan (CPT-11) to its active metabolite, 7-ethyl-10-hydroxycamptothecin (SN-38), by human liver carboxylesterase. <i>Biochemical Pharmacology</i> , 1996 , 52, 1103-11	6	194
73	Inflammatory response: an unrecognised source of variability in the pharmacokinetics and pharmacodynamics of cancer chemotherapy. <i>Lancet Oncology</i> , 2003 , 4, 224-32	21.7	181
72	Hepatic cytochrome P450 3A drug metabolism is reduced in cancer patients who have an acute-phase response. <i>British Journal of Cancer</i> , 2002 , 87, 277-80	8.7	166
71	Imatinib disposition and ABCB1 (MDR1, P-glycoprotein) genotype. <i>Clinical Pharmacology and Therapeutics</i> , 2007 , 82, 33-40	6.1	119
70	The hepatic sinusoid in aging and cirrhosis: effects on hepatic substrate disposition and drug clearance. <i>Clinical Pharmacokinetics</i> , 2005 , 44, 187-200	6.2	118
69	Identification and kinetics of a beta-glucuronide metabolite of SN-38 in human plasma after administration of the camptothecin derivative irinotecan. <i>Cancer Chemotherapy and Pharmacology</i> , 1995 , 36, 176-9	3.5	108
68	Factors affecting cytochrome P-450 3A activity in cancer patients. <i>Clinical Cancer Research</i> , 2004 , 10, 8341-50	12.9	107
67	Thymidylate synthase and methylenetetrahydrofolate reductase gene polymorphisms and toxicity to capecitabine in advanced colorectal cancer patients. <i>Clinical Cancer Research</i> , 2008 , 14, 817-25	12.9	81
66	Reversed-phase high-performance liquid chromatographic method for the simultaneous quantitation of the carboxylate and lactone forms of the camptothecin derivative irinotecan, CPT-11, and its metabolite SN-38 in plasma. <i>Biomedical Applications</i> , 1994 , 661, 133-41		77
65	Baseline nutritional assessment in advanced cancer patients receiving palliative chemotherapy. <i>Nutrition and Cancer</i> , 2003 , 46, 148-57	2.8	68
64	Transcriptional repression of hepatic cytochrome P450 3A4 gene in the presence of cancer. <i>Clinical Cancer Research</i> , 2006 , 12, 7492-7	12.9	64
63	Population pharmacokinetics of weekly docetaxel in patients with advanced cancer. <i>British Journal of Clinical Pharmacology</i> , 2004 , 57, 44-53	3.8	54
62	Predictors of vinorelbine pharmacokinetics and pharmacodynamics in patients with cancer. <i>Journal of Clinical Oncology</i> , 2006 , 24, 2448-55	2.2	53
61	The mechanism for the inhibition of acetylcholinesterases by irinotecan (CPT-11). <i>Molecular Pharmacology</i> , 1999 , 56, 1346-53	4.3	53
60	The erythromycin breath test for the prediction of drug clearance. <i>Clinical Pharmacokinetics</i> , 2001 , 40, 151-8	6.2	52

59	Solid-Phase Extraction (SPE) Techniques for Sample Preparation in Clinical and Pharmaceutical Analysis: A Brief Overview. <i>Current Pharmaceutical Analysis</i> , 2006 , 2, 95-102	0.6	51
58	Sequence determinants of innate immune activation by short interfering RNAs. <i>BMC Immunology</i> , 2009 , 10, 40	3.7	46
57	Hepatic technetium Tc 99m-labeled sestamibi elimination rate and ABCB1 (MDR1) genotype as indicators of ABCB1 (P-glycoprotein) activity in patients with cancer. <i>Clinical Pharmacology and Therapeutics</i> , 2005 , 77, 33-42	6.1	46
56	The transformation of irinotecan (CPT-11) to its active metabolite SN-38 by human liver microsomes. Differential hydrolysis for the lactone and carboxylate forms. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1997 , 356, 257-62	3.4	45
55	Glucuronidation of SN-38, the active metabolite of irinotecan, by human hepatic microsomes. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997 , 80, 91-6		41
54	A phase II study of fixed-dose capecitabine and assessment of predictors of toxicity in patients with advanced/metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2006 , 94, 964-8	8.7	39
53	Kinetics of toxic doses of paraquat and the effects of hemoperfusion in the dog. <i>Journal of Toxicology: Clinical Toxicology</i> , 1993 , 31, 229-46		39
52	A pilot study on the safety of combining chrysin, a non-absorbable inducer of UGT1A1, and irinotecan (CPT-11) to treat metastatic colorectal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2006 , 57, 309-16	3.5	32
51	Irinotecan (CPT-11): a brief overview. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996 , 23, 1000-4	3	32
50	Radiosensitization of vinorelbine and gemcitabine in NCI-H460 non-small-cell lung cancer cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 58, 353-60	4	29
49	Physiological pharmacokinetics of solutes in the isolated perfused rat hindlimb: characterization of the physiology with changing perfusate flow, protein content, and temperature using statistical moment analysis. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1993 , 21, 653-88		28
48	Predicting the toxicity of weekly docetaxel in advanced cancer. <i>Clinical Pharmacokinetics</i> , 2006 , 45, 611-22		27
47	Pemetrexed pharmacokinetics and pharmacodynamics in a phase I/II study of doublet chemotherapy with vinorelbine: implications for further optimisation of pemetrexed schedules. <i>British Journal of Cancer</i> , 2007 , 97, 1071-6	8.7	25
46	Trace analysis of SN-38 in human plasma by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1998 , 714, 355-9		24
45	The in vitro metabolism of irinotecan (CPT-11) by carboxylesterase and beta-glucuronidase in human colorectal tumours. <i>British Journal of Clinical Pharmacology</i> , 2006 , 62, 122-9	3.8	23
44	Hepatic disposition of neurotoxins and pesticides. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2000 , 87, 286-91		23
43	Metabolism of CPT-11. Impact on activity. <i>Annals of the New York Academy of Sciences</i> , 2000 , 922, 205-156.5		22
42	Photodegradation of irinotecan (CPT-11) in aqueous solutions: identification of fluorescent products and influence of solution composition. <i>Journal of Pharmaceutical Sciences</i> , 1997 , 86, 1410-6	3.9	21

41	The detection of photodegradation products of irinotecan (CPT-11, Campto, Camptosar), in clinical studies, using high-performance liquid chromatography/atmospheric pressure chemical ionisation/mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 17, 785-92	3.5	21
40	The effects of aging and nutritional state on hypoxia-reoxygenation injury in the perfused rat liver. <i>Transplantation</i> , 1994 , 58, 531-6	1.8	21
39	Cytotoxic G-rich oligodeoxynucleotides: putative protein targets and required sequence motif. <i>Nucleic Acids Research</i> , 2007 , 35, 4562-72	20.1	19
38	Clinical and preclinical pharmacokinetics of raltitrexed. <i>Clinical Pharmacokinetics</i> , 2000 , 39, 429-43	6.2	19
37	Inhibition of topoisomerase I cleavage activity by thiol-reactive compounds: importance of vicinal cysteines 504 and 505. <i>Journal of Biological Chemistry</i> , 2007 , 282, 14403-12	5.4	18
36	Effects of lipophilicity and protein binding on the hepatocellular uptake and hepatic disposition of two anthracyclines, doxorubicin and iododoxorubicin. <i>Cancer Chemotherapy and Pharmacology</i> , 1996 , 38, 439-45	3.5	18
35	Competition between siRNA duplexes: impact of RNA-induced silencing complex loading efficiency and comparison between conventional-21 bp and Dicer-substrate siRNAs. <i>Oligonucleotides</i> , 2010 , 20, 27-32		17
34	Carbon monoxide disposition and permeability-surface area product in the foetal circulation of the perfused term human placenta. <i>Placenta</i> , 2003 , 24, 8-11	3.4	16
33	High-performance liquid chromatography-electrospray ionization mass spectrometry method for the measurement of moclobemide and two metabolites in plasma. <i>Biomedical Applications</i> , 2001 , 754, 319-26		16
32	Toxicity of irinotecan (CPT-11) and hepato-renal dysfunction. <i>Anti-Cancer Drugs</i> , 2001 , 12, 619-25	2.4	16
31	Intended transcriptional silencing with siRNA results in gene repression through sequence-specific off-targeting. <i>Rna</i> , 2010 , 16, 430-41	5.8	15
30	Lack of beta-tubulin gene mutations in early stage lung cancer. <i>International Journal of Cancer</i> , 2002 , 101, 398-9	7.5	15
29	Highly sensitive analysis of the antifolate pemetrexed sodium, a new cancer agent, in human plasma and urine by high-performance liquid chromatography. <i>Biomedical Applications</i> , 2001 , 765, 135-40		15
28	Altered deoxyuridine and thymidine in plasma following capecitabine treatment in colorectal cancer patients. <i>British Journal of Clinical Pharmacology</i> , 2007 , 63, 67-74	3.8	14
27	Rapid quantitation of plasma 2Tdeoxyuridine by high-performance liquid chromatography/atmospheric pressure chemical ionization mass spectrometry and its application to pharmacodynamic studies in cancer patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 820, 121-30	3.2	14
26	The relative contributions of carboxylesterase and beta-glucuronidase in the formation of SN-38 in human colorectal tumours. <i>Oncology Reports</i> , 2003 , 10, 1977-9	3.5	14
25	The DNazymes Rs6, Dz13, and DzF have potent biologic effects independent of catalytic activity. <i>Oligonucleotides</i> , 2006 , 16, 297-312		13
24	The importance of tumor glucuronidase in the activation of irinotecan in a mouse xenograft model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 303, 649-55	4.7	13

23	Aging, acute oxidative injury and hepatocellular glucose transport in the rat. <i>International Hepatology Communications</i> , 1995 , 3, 244-253		13
22	The influence of pH on the interaction of lipophilic anthracyclines with bovine serum albumin. Quantitative characterization by measurement of fluorescence quenching. <i>Biochemical Pharmacology</i> , 1992 , 44, 2347-55	6	13
21	Primary leukocyte screens for innate immune agonists. <i>Journal of Biomolecular Screening</i> , 2009 , 14, 723-30		12
20	Quantitation of plasma thymidine by high-performance liquid chromatography-atmospheric pressure chemical ionization mass spectrometry and its application to pharmacodynamic studies in cancer patients. <i>Analytica Chimica Acta</i> , 2003 , 486, 51-61	6.6	12
19	Axial tissue diffusion can account for the disparity between current models of hepatic elimination for lipophilic drugs. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1992 , 20, 19-61		12
18	Disposition of epirubicin after intraarterial administration in Lipiodol to patients with hepatocellular carcinoma. <i>Therapeutic Drug Monitoring</i> , 1996 , 18, 537-43	3.2	12
17	Clinical pharmacokinetics of the irinotecan metabolite 4-piperidinopiperidine and its possible clinical importance. <i>Cancer Chemotherapy and Pharmacology</i> , 2000 , 45, 9-14	3.5	11
16	Population pharmacokinetics of raltitrexed in patients with advanced solid tumours. <i>British Journal of Clinical Pharmacology</i> , 2004 , 57, 416-26	3.8	10
15	Dz13, a DNzyme targeting c-jun, induces off-target cytotoxicity in endothelial cells with features of nonapoptotic programmed cell death. <i>Oligonucleotides</i> , 2008 , 18, 257-68		7
14	Effect of short-term morphine exposure on P-glycoprotein expression and activity in cancer cell lines. <i>Oncology Reports</i> , 2004 , 11, 1091-5	3.5	7
13	Loperamide inhibits the biliary excretion of irinotecan (CPT-11) in the rat isolated perfused liver. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 39-45	4.8	6
12	Inhibition of acetylcholinesterase in patients receiving irinotecan (camptothecin-11). <i>Clinical Pharmacology and Therapeutics</i> , 2004 , 76, 505-6; author reply 507-8	6.1	6
11	Semisynthesis of RPR 121056A, a major metabolite of irinotecan (CPT-11). <i>Tetrahedron Letters</i> , 1996 , 37, 6327-6330	2	6
10	Relative dispersion of intravascular transit times during isolated human limb perfusions for recurrent melanoma. <i>British Journal of Clinical Pharmacology</i> , 1997 , 44, 347-51	3.8	5
9	Glucose transport and hypoxia-reoxygenation injury in the perfused rat liver. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1994 , 9, 385-90	4	5
8	Aging and the response of the isolated perfused rat liver to vasoactive drugs. <i>Biochemical Pharmacology</i> , 1992 , 43, 913-5	6	5
7	Carbon monoxide wash-in method to determine gas transfer in vascular beds: application to rat hindlimb. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H1802-6	5.2	4
6	Interfering ribonucleic acids that suppress expression of multiple unrelated genes. <i>BMC Biotechnology</i> , 2009 , 9, 57	3.5	3

5	Erythromycin breath test. <i>Clinical Pharmacology and Therapeutics</i> , 2001 , 70, 391-394	6.1	3
4	Carbon monoxide disposition in the perfused rat liver. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 277, G725-30	5.1	2
3	The effect of oxidative injury on hepatocellular influx of leucine in the rat. <i>International Hepatology Communications</i> , 1996 , 4, 343-350		2
2	The relative contributions of carboxylesterase and β -glucuronidase in the formation of SN-38 in human colorectal tumours. <i>Oncology Reports</i> , 2003 , 10, 1977	3.5	1
1	Comment on a published paper. The adverse cholinergic effects of the chemotherapeutic agent irinotecan (CPT-11) were unlikely to be mediated by the inhibition of acetylcholinesterase (AChE). <i>British Journal of Pharmacology</i> , 2001 , 134, 448-50	8.6	