

# Andre Guillouzo

## List of Publications by Year in descending order

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195  
papers

11,174  
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22153

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97  
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all docs

197  
docs citations

197  
times ranked

7931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary Hepatocytes: Current Understanding of the Regulation of Metabolic Enzymes and Transporter Proteins, and Pharmaceutical Practice for the Use of Hepatocytes in Metabolism, Enzyme Induction, Transporter, Clearance, and Hepatotoxicity Studies. Drug Metabolism Reviews, 2007, 39, 159-234.	3.6	673
2	EXPRESSION OF CYTOCHROMES P450, CONJUGATING ENZYMES AND NUCLEAR RECEPTORS IN HUMAN HEPATOMA HepaRG CELLS. Drug Metabolism and Disposition, 2006, 34, 75-83.	3.3	580
3	The human hepatoma HepaRG cells: A highly differentiated model for studies of liver metabolism and toxicity of xenobiotics. Chemico-Biological Interactions, 2007, 168, 66-73.	4.0	515
4	Cell types involved in collagen and fibronectin production in normal and fibrotic human liver. Hepatology, 1986, 6, 225-234.	7.3	240
5	Practical Aspects of the Validation of Toxicity Test Procedures. ATLA Alternatives To Laboratory Animals, 1995, 23, 129-146.	1.0	240
6	Stable Expression, Activity, and Inducibility of Cytochromes P450 in Differentiated HepaRG Cells. Drug Metabolism and Disposition, 2010, 38, 516-525.	3.3	222
7	Long-Term Co-Cultures of Adult Human Hepatocytes with Rat Liver Epithelial Cells: Modulation of Albumin Secretion and Accumulation of Extracellular Material. Hepatology, 1984, 4, 373-380.	7.3	193
8	General Review on In Vitro Hepatocyte Models and Their Applications. Methods in Molecular Biology, 2010, 640, 1-40.	0.9	190
9	The P-glycoprotein multidrug transporter. General Pharmacology, 1996, 27, 1283-1291.	0.7	183
10	Modulation of functional activities in cultured rat hepatocytes. Molecular and Cellular Biochemistry, 1983, 53-54, 35-56.	3.1	168
11	Metabolism: A Bottleneck in <i>In Vitro</i> Toxicological Test Development. ATLA Alternatives To Laboratory Animals, 2006, 34, 49-84.	1.0	161
12	Prolonged Maintenance of Active Cytochrome P-450 in Adult Rat Hepatocytes Co-Cultured with Another Liver Cell Type. Hepatology, 1984, 4, 839-842.	7.3	154
13	Managing the challenge of drug-induced liver injury: a roadmap for the development and deployment of preclinical predictive models. Nature Reviews Drug Discovery, 2020, 19, 131-148.	46.4	153
14	Long-Term Functional Stability of Human HepaRG Hepatocytes and Use for Chronic Toxicity and Genotoxicity Studies. Drug Metabolism and Disposition, 2008, 36, 1111-1118.	3.3	152
15	Expression of cytochrome P-450 enzymes in cultured human hepatocytes. FEBS Journal, 1990, 191, 437-444.	0.2	140
16	Optimization of the HepaRG cell model for drug metabolism and toxicity studies. Toxicology in Vitro, 2012, 26, 1278-1285.	2.4	138
17	Induction of vesicular steatosis by amiodarone and tetracycline is associated with up-regulation of lipogenic genes in heparg cells. Hepatology, 2011, 53, 1895-1905.	7.3	137
18	Evolving concepts in liver tissue modeling and implications for <i>in vitro</i> toxicology. Expert Opinion on Drug Metabolism and Toxicology, 2008, 4, 1279-1294.	3.3	121

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19	Gene and Protein Characterization of the Human Glutathione S-Transferase Kappa and Evidence for a Peroxisomal Localization. <i>Journal of Biological Chemistry</i> , 2004, 279, 16246-16253.	3.4	120
20	Use of human hepatocyte cultures for drug metabolism studies. <i>Toxicology</i> , 1993, 82, 209-219.	4.2	114
21	Both cytochromes P450 2E1 and 1A1 are involved in the metabolism of chlorzoxazone. <i>Chemical Research in Toxicology</i> , 1993, 6, 852-857.	3.3	114
22	The human glutathione transferase alpha locus: genomic organization of the gene cluster and functional characterization of the genetic polymorphism in the hGSTA1 promoter. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 277-286.	5.7	113
23	Intralobular distribution and quantitation of cytochrome P-450 enzymes in human liver as a function of age. <i>Hepatology</i> , 1991, 13, 1142-1151.	7.3	112
24	Inhibition of Human Cytochrome P450 Enzymes by 1,2-Dithiole-3-thione, Oltipraz and Its Derivatives, and Sulforaphane. <i>Chemical Research in Toxicology</i> , 2000, 13, 245-252.	3.3	112
25	Oxidative stress plays a major role in chlorpromazine-induced cholestasis in human HepaRG cells. <i>Hepatology</i> , 2013, 57, 1518-1529.	7.3	107
26	Influence of Alginate Gel Entrapment and Cryopreservation on Survival and Xenobiotic Metabolism Capacity of Rat Hepatocytes. <i>Toxicology and Applied Pharmacology</i> , 1996, 141, 349-356.	2.8	99
27	Gene Expression Changes Induced by PPAR Gamma Agonists in Animal and Human Liver. <i>PPAR Research</i> , 2010, 2010, 1-16.	2.4	97
28	Functional expression, inhibition and induction of CYP enzymes in HepaRG cells. <i>Toxicology in Vitro</i> , 2009, 23, 748-753.	2.4	95
29	Hepatocytes may produce laminin in fibrotic liver and in primary culture. <i>Hepatology</i> , 1988, 8, 794-803.	7.3	92
30	Up-regulation of multidrug resistance-associated protein 2 (MRP2) expression in rat hepatocytes by dexamethasone. <i>FEBS Letters</i> , 1999, 459, 381-385.	2.8	92
31	Cryopreservation of isolated rat hepatocytes: A critical evaluation of freezing and thawing conditions. <i>Cryobiology</i> , 1988, 25, 323-330.	0.7	91
32	Stem cell-derived hepatocytes and their use in toxicology. <i>Toxicology</i> , 2010, 270, 3-9.	4.2	87
33	Maintenance of cytochrome p-450 in cultured adult human hepatocytes. <i>Biochemical Pharmacology</i> , 1985, 34, 2991-2995.	4.4	86
34	The sulphonylurea glibenclamide inhibits multidrug resistance protein (MRP1) activity in human lung cancer cells. <i>British Journal of Pharmacology</i> , 2001, 132, 778-784.	5.4	85
35	Dose- and time-dependent effects of phenobarbital on gene expression profiling in human hepatoma HepaRG cells. <i>Toxicology and Applied Pharmacology</i> , 2009, 234, 345-360.	2.8	82
36	Catecholamines induce an inflammatory response in human hepatocytes. <i>Critical Care Medicine</i> , 2008, 36, 848-854.	0.9	80

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37	Aryl Hydrocarbon Receptor Activation and Cytochrome P450 1A Induction by the Mitogen-Activated Protein Kinase Inhibitor U0126 in Hepatocytes. <i>Molecular Pharmacology</i> , 2004, 65, 934-943.	2.3	78
38	COMPARATIVE STUDIES ON THE CYTOCHROME P450-ASSOCIATED METABOLISM AND INTERACTION POTENTIAL OF SELEGILINE BETWEEN HUMAN LIVER-DERIVED IN VITRO SYSTEMS. <i>Drug Metabolism and Disposition</i> , 2003, 31, 1093-1102.	3.3	77
39	P-glycoprotein induction in rat liver epithelial cells in response to acute 3-methylcholanthrene treatment. <i>Biochemical Pharmacology</i> , 1996, 51, 1427-1436.	4.4	75
40	Regulation by dexamethasone of P-glycoprotein expression in cultured rat hepatocytes. <i>FEBS Letters</i> , 1993, 327, 189-193.	2.8	74
41	The Practical Applicability of Hepatocyte Cultures in Routine Testing. <i>ATLA Alternatives To Laboratory Animals</i> , 1994, 22, 231-241.	1.0	73
42	Liver Cell Models in in Vitro Toxicology. <i>Environmental Health Perspectives</i> , 1998, 106, 511.	6.0	72
43	Metabolism of heterocyclic aromatic amines by human hepatocytes and cytochrome P4501A2. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 506-507, 187-195.	1.0	72
44	Survival and function of isolated hepatocytes after cryopreservation. <i>Chemico-Biological Interactions</i> , 1999, 121, 7-16.	4.0	69
45	Transcriptional Induction of CYP1A1 by Oltipraz in Human Caco-2 Cells Is Aryl Hydrocarbon Receptor- and Calcium-dependent. <i>Journal of Biological Chemistry</i> , 2002, 277, 24780-24787.	3.4	69
46	Different cytotoxicity and metabolism of doxorubicin, daunorubicin, epirubicin, esorubicin and idarubicin in cultured human and rat hepatocytes. <i>Biochemical Pharmacology</i> , 1988, 37, 3877-3887.	4.4	68
47	Correction of Bilirubin Conjugation in the Gunn Rat Using Hepatocytes Immobilized in Alginate Gel Beads as an Extracorporeal Bioartificial Liver. <i>Cell Transplantation</i> , 1993, 2, 453-460.	2.5	67
48	Use of hepatocyte cultures for the study of hepatotoxic compounds. <i>Journal of Hepatology</i> , 1997, 26, 73-80.	3.7	66
49	Metabolism of 2-Amino-3,8-dimethylimidazo[4,5-f]-quinoxaline in Human Hepatocytes: 2-Amino-3-methylimidazo[4,5-f]quinoxaline-8-carboxylic Acid Is a Major Detoxication Pathway Catalyzed by Cytochrome P450 1A2. <i>Chemical Research in Toxicology</i> , 2001, 14, 211-221.	3.3	66
50	Cultured human adult hepatocytes: a new model for drug metabolism studies. <i>Biochemical Pharmacology</i> , 1983, 32, 1643-1646.	4.4	65
51	Expression and regulation of hepatic drug and bile acid transporters. <i>Toxicology</i> , 2000, 153, 203-219.	4.2	65
52	Characterization and inhibition by a wide range of xenobiotics of organic anion excretion by primary human hepatocytes. <i>Biochemical Pharmacology</i> , 2000, 60, 1967-1975.	4.4	65
53	Comparative Gene Expression Profiles Induced by PPAR $\alpha$ and PPAR $\beta/\delta$ Agonists in Human Hepatocytes. <i>PLoS ONE</i> , 2011, 6, e18816.	2.5	65
54	Overexpression of the multidrug resistance-associated protein (MRP1) in human heavy metal-selected tumor cells. <i>FEBS Letters</i> , 1999, 443, 321-325.	2.8	64

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55	Reactive Oxygen Species-Related Induction of Multidrug Resistance-Associated Protein 2 Expression in Primary Hepatocytes Exposed to Sulforaphane. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 257-263.	2.1	64
56	Differential toxic effects of azathioprine, 6-mercaptopurine and 6-thioguanine on human hepatocytes. <i>Toxicology in Vitro</i> , 2008, 22, 632-642.	2.4	64
57	GATA-1 Is Essential in EGF-Mediated Induction of Nucleotide Excision Repair Activity and ERCC1 Expression through ERK2 in Human Hepatoma Cells. <i>Cancer Research</i> , 2007, 67, 2114-2123.	0.9	63
58	Assessment of the genotoxic potential of indirect chemical mutagens in HepaRG cells by the comet and the cytokinesis-block micronucleus assays. <i>Mutagenesis</i> , 2010, 25, 555-560.	2.6	63
59	Hypothermic Storage and Cryopreservation of Hepatocytes: The Protective Effect of Alginate Gel against Cell Damages. <i>Cell Transplantation</i> , 2003, 12, 579-592.	2.5	62
60	Comparative Localization and Functional Activity of the Main Hepatobiliary Transporters in HepaRG Cells and Primary Human Hepatocytes. <i>Toxicological Sciences</i> , 2015, 145, 157-168.	3.1	62
61	Rho-kinase/myosin light chain kinase pathway plays a key role in the impairment of bile canaliculi dynamics induced by cholestatic drugs. <i>Scientific Reports</i> , 2016, 6, 24709.	3.3	62
62	PPAR agonists reduce steatosis in oleic acid-overloaded HepaRG cells. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 73-81.	2.8	61
63	Caffeine and theophylline metabolism in newborn and adult human hepatocytes; comparison with adult rat hepatocytes. <i>Biochemical Pharmacology</i> , 1988, 37, 3691-3700.	4.4	59
64	Differential metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in rat and human hepatocytes. <i>Carcinogenesis</i> , 2002, 23, 115-122.	2.8	59
65	Glutathione transferase isoenzymes in cultured rat hepatocytes. <i>Biochemical Pharmacology</i> , 1988, 37, 2482-2485.	4.4	57
66	ECITTS: An Integrated Approach to the Application of In Vitro Test Systems to the Hazard Assessment of Chemicals., <i>ATLA Alternatives To Laboratory Animals</i> , 1992, 20, 406-428.	1.0	56
67	Up-Regulation of P-Glycoprotein Expression in Rat Liver Cells by Acute Doxorubicin Treatment. <i>FEBS Journal</i> , 1997, 246, 186-192.	0.2	55
68	Overexpression of the multidrug resistance gene product in adult rat hepatocytes during primary culture. <i>FEBS Journal</i> , 1992, 205, 847-852.	0.2	54
69	Rifampicin enhances anti-cancer drug accumulation and activity in multidrug-resistant cells. <i>Biochemical Pharmacology</i> , 1995, 49, 1255-1260.	4.4	54
70	Identification of early target genes of aflatoxin B1 in human hepatocytes, inter-individual variability and comparison with other genotoxic compounds. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 176-187.	2.8	54
71	Different Dose-Dependent Mechanisms Are Involved in Early Cyclosporine A-Induced Cholestatic Effects in HepaRG Cells. <i>Toxicological Sciences</i> , 2014, 141, 244-253.	3.1	54
72	Distribution and cellular origin of collagen VI during development and in cirrhosis. <i>Gastroenterology</i> , 1992, 102, 980-987.	1.3	53

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73	Overexpression of the two nucleotide excision repair genes ERCC1 and XPC in human hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2005, 43, 288-293.	3.7	52
74	Interindividual Variability in Gene Expression Profiles in Human Hepatocytes and Comparison with HepaRG Cells. <i>Drug Metabolism and Disposition</i> , 2012, 40, 151-158.	3.3	52
75	Interleukin 4 inhibits the production of some acute-phase proteins by human hepatocytes in primary culture. <i>FEBS Letters</i> , 1993, 336, 215-220.	2.8	51
76	Interleukin-1 $\beta$ antagonizes phenobarbital induction of several major cytochromes P450 in adult rat hepatocytes in primary culture. <i>FEBS Letters</i> , 1995, 366, 159-164.	2.8	50
77	Long term production of acute-phase proteins by adult rat hepatocytes co-cultured with another liver cell type in serum-free medium. <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 311-317.	2.1	49
78	Differential toxicity of heterocyclic aromatic amines and their mixture in metabolically competent HepaRG cells. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 256-263.	2.8	49
79	P-Glycoprotein expression in human, mouse, hamster and rat hepatocytes in primary culture. <i>Carcinogenesis</i> , 1993, 14, 781-783.	2.8	48
80	Primary culture of adult rat hepatocytes after 48-hour preservation of the liver with cold UW solution. <i>Hepatology</i> , 1990, 12, 1329-1336.	7.3	47
81	Cellular sources of matrix proteins in experimentally induced cholestatic rat liver. <i>Journal of Pathology</i> , 1991, 164, 167-174.	4.5	46
82	Early Alterations of Bile Canaliculi Dynamics and the Rho Kinase/Myosin Light Chain Kinase Pathway Are Characteristics of Drug-Induced Intrahepatic Cholestasis. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1780-1793.	3.3	45
83	Hydrocortisone modulates the production of extracellular material and albumin in long-term cocultures of adult rat hepatocytes with other liver epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1982, 109, 507-512.	2.1	44
84	Identification of Na <sup>+</sup> /H <sup>+</sup> exchange as a new target for toxic polycyclic aromatic hydrocarbons in liver cells. <i>FASEB Journal</i> , 2004, 18, 1-26.	0.5	44
85	Cellular Accumulation and Toxic Effects of Bile Acids in Cyclosporine A-Treated HepaRG Hepatocytes. <i>Toxicological Sciences</i> , 2015, 147, 573-587.	3.1	44
86	Endoplasmic reticulum stress precedes oxidative stress in antibiotic-induced cholestasis and cytotoxicity in human hepatocytes. <i>Free Radical Biology and Medicine</i> , 2018, 115, 166-178.	2.9	44
87	Viability and primary culture of rat hepatocytes after hypothermic preservation: The superiority of the leibovitz medium over the university of wisconsin solution for cold storage. <i>Hepatology</i> , 1992, 15, 97-106.	7.3	43
88	The antiprogesterin drug RU 486 potentiates doxorubicin cytotoxicity in multidrug resistant cells through inhibition of P-glycoprotein function. <i>FEBS Letters</i> , 1994, 355, 187-191.	2.8	43
89	Pro-inflammatory Cytokines Tumor Necrosis Factor $\alpha$ and Interleukin-6 and Survival Factor Epidermal Growth Factor Positively Regulate the Murine GSTA4 Enzyme in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 17892-17900.	3.4	43
90	Immunohistological Analysis of Glutathione Transferase A4 Distribution in Several Human Tissues Using a Specific Polyclonal Antibody. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 1573-1579.	2.5	40

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91	Blockage of Multidrug Resistance-Associated Proteins Potentiates the Inhibitory Effects of Arsenic Trioxide on CYP1A1 Induction by Polycyclic Aromatic Hydrocarbons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 145-155.	2.5	39
92	All normal rat hepatocytes produce albumin at a rate related to their degree of ploidy. <i>Biochemical and Biophysical Research Communications</i> , 1981, 101, 1038-1046.	2.1	38
93	Regulation of phenobarbital induction of the cytochrome P450 2b9/10 genes in primary mouse hepatocyte culture. <i>FEBS Journal</i> , 2000, 267, 963-970.	0.2	37
94	New challenges in hepatic fibrosis. <i>Journal of Hepatology</i> , 1993, 18, 1-4.	3.7	36
95	An adaptation of the human HepaRG cells to the in vitro micronucleus assay. <i>Mutagenesis</i> , 2012, 27, 295-304.	2.6	36
96	Identification of metabolic pathways of pindolol and fluperlapine in adult human hepatocyte cultures. <i>Xenobiotica</i> , 1988, 18, 131-139.	1.1	35
97	Urokinase and type I plasminogen activator inhibitor production by normal human hepatocytes: Modulation by inflammatory agents. <i>Hepatology</i> , 1994, 20, 186-190.	7.3	34
98	Report on the International Workshop on the Use of Human In Vitro Liver Preparations to Study Drug Metabolism in Drug Development. <i>Biochemical Pharmacology</i> , 1995, 50, 280-285.	4.4	34
99	Modulation of Glutathione S-Transferase Subunits A2, M1, and P1 Expression by Interleukin-1 $\beta$ in Rat Hepatocytes in Primary Culture. <i>Journal of Biological Chemistry</i> , 1997, 272, 16125-16132.	3.4	34
100	Differential regulation of multidrug resistance-associated protein 2 (MRP2) and cytochromes P450 2B1/2 and 3A1/2 in phenobarbital-treated hepatocytes. <i>Biochemical Pharmacology</i> , 2002, 63, 333-341.	4.4	34
101	In vitro kinetics of amiodarone and its major metabolite in two human liver cell models after acute and repeated treatments. <i>Toxicology in Vitro</i> , 2015, 30, 36-51.	2.4	34
102	Long-Term Maintenance of Drug-Metabolizing Enzyme Activities in Rat Hepatocytes after Cryopreservation. <i>Toxicology and Applied Pharmacology</i> , 1997, 147, 110-114.	2.8	33
103	Modulation of human fetal hepatocyte survival and differentiation by interactions with a rat liver epithelial cell line. <i>Developmental Biology</i> , 1984, 105, 211-220.	2.0	32
104	Regulation of the Major Detoxication Functions by Phenobarbital and 3-Methylcholanthrene in Co-Cultures of Rat Hepatocytes and Liver Epithelial Cells. <i>FEBS Journal</i> , 1997, 244, 98-106.	0.2	32
105	The Use of Biokinetics and in Vitro Methods in Toxicological Risk Evaluation. <i>ATLA Alternatives To Laboratory Animals</i> , 1996, 24, 473-497.	1.0	30
106	Participation of hepatocytes in the production of basement membrane components in human and rat liver during the perinatal period. <i>Cell Differentiation and Development</i> , 1989, 26, 131-144.	0.4	29
107	Reversal of MRP-Mediated Multidrug Resistance in Human Lung Cancer Cells by the Antiprogesterin Drug RU486. <i>Biochemical and Biophysical Research Communications</i> , 1999, 258, 513-518.	2.1	29
108	Preferential induction of the AhR gene battery in HepaRG cells after a single or repeated exposure to heterocyclic aromatic amines. <i>Toxicology and Applied Pharmacology</i> , 2010, 249, 91-100.	2.8	29



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109	Phenobarbital induces cytochrome P4501A2 hnRNA, mRNA and protein in the liver of C57BL/6J wild type and aryl hydrocarbon receptor knock-out mice. <i>FEBS Letters</i> , 1998, 425, 293-297.	2.8	28
110	Evidence for a multidrug resistance-associated protein 1 (MRP1)-related transport system in cultured rat liver biliary epithelial cells. <i>Life Sciences</i> , 1999, 64, 763-774.	4.3	28
111	Differential effects of iron overload on GST isoform expression in mouse liver and kidney and correlation between GSTA4 induction and overproduction of free radicles. <i>Free Radical Biology and Medicine</i> , 2002, 32, 93-101.	2.9	28
112	Impact of Inflammation on Chlorpromazine-Induced Cytotoxicity and Cholestatic Features in HepaRG Cells. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1556-1566.	3.3	28
113	Understanding the biokinetics of ibuprofen after single and repeated treatments in rat and human in vitro liver cell systems. <i>Toxicology Letters</i> , 2015, 233, 172-186.	0.8	28
114	Subcellular distribution and molecular heterogeneity of .alpha.1-fetoprotein in newborn rat liver. <i>Biochemistry</i> , 1979, 18, 1962-1968.	2.5	27
115	Effect of phenobarbital on the expression of glutathioneS-transferase isoenzymes in cultured rat hepatocytes. <i>FEBS Letters</i> , 1989, 251, 59-64.	2.8	27
116	Endotoxin suppresses the oltipraz-mediated induction of major hepatic glutathione transferases and cytochromes P450 in the rat. <i>Hepatology</i> , 1998, 28, 1655-1662.	7.3	27
117	Modulation of multidrug resistance gene expression in rat hepatocytes maintained under various culture conditions. <i>Biochemical Pharmacology</i> , 1992, 44, 2259-2262.	4.4	26
118	Genomic organization, 5â€²-flanking region and chromosomal localization of the human glutathione transferase A4 gene. <i>Biochemical Journal</i> , 1998, 336, 437-442.	3.7	26
119	Genetic analysis of the phenobarbital regulation of the cytochrome P-450 2b-9 and aldehyde dehydrogenase type 2 mRNAs in mouse liver. <i>Biochemical Journal</i> , 1996, 317, 481-486.	3.7	25
120	Inhibition of multidrug resistance-associated protein (MRP) activity by rifampicin in human multidrug-resistant lung tumor cells. <i>Cancer Letters</i> , 1999, 139, 97-104.	7.2	25
121	Differential regulation of mdr genes in response to 2-acetylaminofluorene treatment in cultured rat and human hepatocytes. <i>Carcinogenesis</i> , 1996, 17, 1157-1160.	2.8	24
122	Ribavirin inhibits protein synthesis and cell proliferation induced by mitogenic factors in primary human and rat hepatocytes. <i>Hepatology</i> , 1998, 27, 1687-1694.	7.3	24
123	Role for mitogen-activated protein kinases in phenobarbital-induced expression of cytochrome P450 2B in primary cultures of rat hepatocytes. <i>Toxicology Letters</i> , 2006, 161, 61-72.	0.8	24
124	Reproducible chemical-induced changes in gene expression profiles in human hepatoma HepaRG cells under various experimental conditions. <i>Toxicology in Vitro</i> , 2009, 23, 466-475.	2.4	24
125	Penicillinase-resistant antibiotics induce non-immune-mediated cholestasis through HSP27 activation associated with PKC/P38 and PI3K/AKT signaling pathways. <i>Scientific Reports</i> , 2017, 7, 1815.	3.3	24
126	Effects of ethanol and clofibrate on expression of cytochrome P-450 enzymes and epoxide hydrolase in cultures and cocultures of rat hepatocytes. <i>FEBS Journal</i> , 1991, 200, 255-261.	0.2	23



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127	Constitutive expression of functional P-glycoprotein in rat hepatoma cells. FEBS Journal, 1994, 219, 521-528.	0.2	23
128	Differential sensitivity of metabolically competent and non-competent HepaRG cells to apoptosis induced by diclofenac combined or not with TNF- $\alpha$ . Toxicology Letters, 2016, 258, 71-86.	0.8	23
129	Progressive and Preferential Cellular Accumulation of Hydrophobic Bile Acids Induced by Cholestatic Drugs Is Associated with Inhibition of Their Amidation and Sulfation. Drug Metabolism and Disposition, 2017, 45, 1292-1303.	3.3	23
130	Effects of Halothane on Human and Rat Hepatocyte Cultures. Anesthesiology, 1990, 72, 526-534.	2.5	23
131	Differential expression of laminin chains in hepatic lipocytes. FEBS Letters, 1991, 290, 9-12.	2.8	22
132	The multidrug resistance-associated protein (MRP) is over-expressed and functional in rat hepatoma cells. , 1999, 81, 479-485.		22
133	Inhibition of cytochrome P450 2E1 by propofol in human and porcine liver microsomes. Biochemical Pharmacology, 2002, 64, 1151-1156.	4.4	22
134	Transforming growth-factor- $\beta^2$ (TGF- $\beta^2$ ) inhibits albumin synthesis in normal human hepatocytes and in hepatoma HepG2 cells. Biochemical and Biophysical Research Communications, 1990, 171, 647-654.	2.1	21
135	Rat liver epithelial cells express functional cytochrome P450 2E1. Carcinogenesis, 1996, 17, 1101-1106.	2.8	21
136	Interactions of Endosulfan and Methoxychlor Involving CYP3A4 and CYP2B6 in Human HepaRG Cells. Drug Metabolism and Disposition, 2014, 42, 1235-1240.	3.3	21
137	Biokinetics of chlorpromazine in primary rat and human hepatocytes and human HepaRG cells after repeated exposure. Toxicology in Vitro, 2015, 30, 52-61.	2.4	21
138	Types I and IV Procollagen Gene Expression in Cultured Rat Hepatocytes. Collagen and Related Research, 1988, 8, 349-359.	2.0	20
139	Regulation of glutathioneS-transferase gene expression by phenobarbital in cultured adult rat hepatocytes. FEBS Letters, 1991, 284, 103-108.	2.8	19
140	Albumin secretion and protein synthesis by cultured diploid and tetraploid rat hepatocytes separated by elutriation. Experimental Cell Research, 1983, 147, 247-254.	2.6	18
141	Comparative gene expression profiles induced by PPAR $\beta^3$ and PPAR $\alpha^3/\beta^3$ agonists in rat hepatocytes. Toxicology and Applied Pharmacology, 2011, 254, 18-31.	2.8	18
142	Impact of isomalathion on malathion cytotoxicity and genotoxicity in human HepaRG cells. Chemico-Biological Interactions, 2014, 209, 68-76.	4.0	18
143	Regulation of glutathione S-transferase subunits 3 and 4 in cultured rat hepatocytes. FEBS Letters, 1989, 258, 99-102.	2.8	17
144	$\beta^1$ -Fetoprotein production during the hepatocyte growth cycle of developing rat liver. Biochemical and Biophysical Research Communications, 1979, 91, 327-331.	2.1	16

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145	Expression of laminin and its receptor LBP-32 in human and rat hepatoma cells. <i>Hepatology</i> , 1991, 13, 289-296.	7.3	16
146	Human hepatocytes express trifluoroacetylated neoantigens after in vitro exposure to halothane. <i>Biochemical Pharmacology</i> , 1994, 48, 561-567.	4.4	16
147	A multi-laboratory evaluation of cryopreserved monkey hepatocyte functions for use in pharmacotoxicology. <i>Chemico-Biological Interactions</i> , 1999, 121, 77-97.	4.0	16
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