

Andre Guillouzo

List of Publications by Year in descending order

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195
papers

11,174
citations

22146

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36025

97
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197
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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. <i>Drug Metabolism Reviews</i> , 2007, 39, 159-234.	3.6	673
2	EXPRESSION OF CYTOCHROMES P450, CONJUGATING ENZYMES AND NUCLEAR RECEPTORS IN HUMAN HEPATOMA HepaRG CELLS. <i>Drug Metabolism and Disposition</i> , 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. <i>Chemico-Biological Interactions</i> , 2007, 168, 66-73.	4.0	515
4	Cell types involved in collagen and fibronectin production in normal and fibrotic human liver. <i>Hepatology</i> , 1986, 6, 225-234.	7.3	240
5	Practical Aspects of the Validation of Toxicity Test Procedures. <i>ATLA Alternatives To Laboratory Animals</i> , 1995, 23, 129-146.	1.0	240
6	Stable Expression, Activity, and Inducibility of Cytochromes P450 in Differentiated HepaRG Cells. <i>Drug Metabolism and Disposition</i> , 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. <i>Hepatology</i> , 1984, 4, 373-380.	7.3	193
8	General Review on In Vitro Hepatocyte Models and Their Applications. <i>Methods in Molecular Biology</i> , 2010, 640, 1-40.	0.9	190
9	The P-glycoprotein multidrug transporter. <i>General Pharmacology</i> , 1996, 27, 1283-1291.	0.7	183
10	Modulation of functional activities in cultured rat hepatocytes. <i>Molecular and Cellular Biochemistry</i> , 1983, 53-54, 35-56.	3.1	168
11	Metabolism: A Bottleneck in <i>In Vitro</i> Toxicological Test Development. <i>ATLA Alternatives To Laboratory Animals</i> , 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. <i>Hepatology</i> , 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. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 131-148.	46.4	153
14	Long-Term Functional Stability of Human HepaRG Hepatocytes and Use for Chronic Toxicity and Genotoxicity Studies. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1111-1118.	3.3	152
15	Expression of cytochrome P-450 enzymes in cultured human hepatocytes. <i>FEBS Journal</i> , 1990, 191, 437-444.	0.2	140
16	Optimization of the HepaRG cell model for drug metabolism and toxicity studies. <i>Toxicology in Vitro</i> , 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. <i>Hepatology</i> , 2011, 53, 1895-1905.	7.3	137
18	Evolving concepts in liver tissue modeling and implications for <i>in vitro</i> toxicology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 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 α and PPAR β 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 β 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 ⁺ /H ⁺ 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 α 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 β 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 Antiprogestatin 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€™-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- α . 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- β 2 (TGF- β 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 α 3 and PPAR α 1/3 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	α 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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