

Albert Li

List of Publications by Year in descending order

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209
papers

7,941
citations

71102

41
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60623

81
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235
all docs

235
docs citations

235
times ranked

5970
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	Screening for human ADME/Tox drug properties in drug discovery. <i>Drug Discovery Today</i> , 2001, 6, 357-366.	6.4	471
3	A simplified method for production and growth of multicellular tumor spheroids. <i>Cancer Research</i> , 1977, 37, 3639-43.	0.9	396
4	Substrates of human hepatic cytochrome P450 3A4. <i>Toxicology</i> , 1995, 104, 1-8.	4.2	335
5	Inhibition of Transporter-Mediated Hepatic Uptake as a Mechanism for Drug-Drug Interaction between Cerivastatin and Cyclosporin A. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 610-616.	2.5	324
6	Cryopreserved human hepatocytes: characterization of drug-metabolizing activities and applications in higher throughput screening assays for hepatotoxicity, metabolic stability, and drug-drug interaction potential. <i>Chemico-Biological Interactions</i> , 1999, 121, 17-35.	4.0	280
7	Species comparison in P450 induction: effects of dexamethasone, omeprazole, and rifampin on P450 isoforms 1A and 3A in primary cultured hepatocytes from man, Sprague-Dawley rat, minipig, and beagle dog. <i>Chemico-Biological Interactions</i> , 2001, 134, 271-281.	4.0	185
8	Human hepatocytes: Isolation, cryopreservation and applications in drug development. <i>Chemico-Biological Interactions</i> , 2007, 168, 16-29.	4.0	179
9	A review of the common properties of drugs with idiosyncratic hepatotoxicity and the "multiple determinant hypothesis" for the manifestation of idiosyncratic drug toxicity. <i>Chemico-Biological Interactions</i> , 2002, 142, 7-23.	4.0	160
10	Optimization of Cryopreservation Procedures for Rat and Human Hepatocytes. <i>Xenobiotica</i> , 1989, 19, 489-498.	1.1	154
11	Primary human hepatocytes as a tool for the evaluation of structure-activity relationship in cytochrome P450 induction potential of xenobiotics: evaluation of rifampin, rifapentine and rifabutin. <i>Chemico-Biological Interactions</i> , 1997, 107, 17-30.	4.0	144
12	Effects of organic solvents on the activities of cytochrome P450 isoforms, UDP-dependent glucuronyl transferase, and phenol sulfotransferase in human hepatocytes. <i>Drug Metabolism and Disposition</i> , 2001, 29, 141-4.	3.3	139
13	Present status of the application of cryopreserved hepatocytes in the evaluation of xenobiotics: consensus of an international expert panel. <i>Chemico-Biological Interactions</i> , 1999, 121, 117-123.	4.0	137
14	Preclinical evaluation of drug-drug interaction potential: present status of the application of primary human hepatocytes in the evaluation of cytochrome P450 induction. <i>Chemico-Biological Interactions</i> , 1997, 107, 5-16.	4.0	128
15	Function of Uptake Transporters for Taurocholate and Estradiol 17 β -D-Glucuronide in Cryopreserved Human Hepatocytes. <i>Drug Metabolism and Pharmacokinetics</i> , 2003, 18, 33-41.	2.2	110
16	A novel in vitro system, the integrated discrete multiple organ cell culture (IdMOC) system, for the evaluation of human drug toxicity: comparative cytotoxicity of tamoxifen towards normal human cells from five major organs and MCF-7 adenocarcinoma breast cancer cells. <i>Chemico-Biological Interactions</i> , 2004, 150, 129-136.	4.0	101
17	Applications of microarrays with toxicologically relevant genes (tox genes) for the evaluation of chemical toxicants in Sprague Dawley rats in vivo and human hepatocytes in vitro. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 549, 101-113.	1.0	97
18	Isolation and culturing of hepatocytes from human livers. <i>Cytotechnology</i> , 1992, 14, 139-145.	0.3	95

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19	In Vitro Human Tissue Models in Risk Assessment: Report of a Consensus-Building Workshop. <i>Toxicological Sciences</i> , 2001, 59, 17-36.	3.1	87
20	3D cell culture models: Drug pharmacokinetics, safety assessment, and regulatory consideration. <i>Clinical and Translational Science</i> , 2021, 14, 1659-1680.	3.1	77
21	A simplified method for the culturing of primary adult rat and human hepatocytes as multicellular spheroids. <i>In Vitro Cellular & Developmental Biology</i> , 1992, 28, 673-677.	1.0	76
22	2,3,7,8 Tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in cultured rat and human hepatocytes. <i>Chemico-Biological Interactions</i> , 2000, 124, 173-189.	4.0	72
23	Accurate prediction of human drug toxicity: a major challenge in drug development. <i>Chemico-Biological Interactions</i> , 2004, 150, 3-7.	4.0	72
24	Mutagenicity of mono-, di- and tri-nitropyrenes in Chinese hamster ovary cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983, 119, 387-392.	1.1	69
25	Culturing of primary hepatocytes as entrapped aggregates in a packed bed bioreactor: A potential bioartificial liver. <i>In Vitro Cellular & Developmental Biology</i> , 1993, 29, 249-254.	1.0	64
26	Effects of cytochrome P450 inducers on 17 β -ethinyloestradiol (EE2) conjugation by primary human hepatocytes. <i>British Journal of Clinical Pharmacology</i> , 1999, 48, 733-742.	2.4	64
27	A guide for the performance of the Chinese hamster ovary cell/hypoxanthine-guanine phosphoribosyl transferase gene mutation assay. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1987, 189, 135-141.	1.2	60
28	A comparison of aroclor 1254-induced and uninduced rat liver microsomes to human liver microsomes in phenytoin O-deethylation, coumarin 7-hydroxylation, tolbutamide 4-hydroxylation, S-mephenytoin 4-hydroxylation, chloroxazone 6-hydroxylation and testosterone 6-hydroxylation. <i>Chemico-Biological Interactions</i> , 2001, 134, 243-249.	4.0	58
29	Preclinical in vitro screening assays for drug-like properties. <i>Drug Discovery Today: Technologies</i> , 2005, 2, 179-185.	4.0	58
30	In Vitro Approaches to Evaluate ADMET Drug Properties. <i>Current Topics in Medicinal Chemistry</i> , 2004, 4, 701-706.	2.1	57
31	Next generation testing strategy for assessment of genomic damage: A conceptual framework and considerations. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 264-283.	2.2	57
32	A fluence response study of lethality and mutagenicity of white black, and blue fluorescent light, sunlamp, and sunlight irradiation in Chinese hamster ovary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1977, 45, 333-342.	1.0	56
33	Identification of glutathione conjugates of troglitazone in human hepatocytes. <i>Chemico-Biological Interactions</i> , 2002, 142, 83-97.	4.0	56
34	An evaluation of the genotoxic potential of glyphosate*1. <i>Fundamental and Applied Toxicology</i> , 1988, 10, 537-546.	1.8	52
35	Effects of Kava (Kava-kava, 'Awa, Yaqona, Piper methysticum) on c-DNA-expressed cytochrome P450 enzymes and human cryopreserved hepatocytes. <i>Phytomedicine</i> , 2004, 11, 285-294.	5.3	51
36	Triple-quadrupole mass spectrometry studies of nitroaromatic emissions from different diesel engines. <i>Environmental Science & Technology</i> , 1983, 17, 443-449.	10.0	50

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37	Glutamine transport in isolated human hepatocytes and transformed liver cells. <i>Hepatology</i> , 1995, 21, 511-20.	7.3	50
38	Human Enterocytes as an In Vitro Model for the Evaluation of Intestinal Drug Metabolism: Characterization of Drug-Metabolizing Enzyme Activities of Cryopreserved Human Enterocytes from Twenty-Four Donors. <i>Drug Metabolism and Disposition</i> , 2017, 45, 686-691.	3.3	49
39	Applications of primary human hepatocytes in the evaluation of pharmacokinetic drug-drug interactions: evaluation of model drugs terfenadine and rifampin. , 1997, 13, 365-374.		46
40	Scientifically unfounded precaution drives European Commission's recommendations on EDC regulation, while defying common sense, well-established science and risk assessment principles. <i>Chemico-Biological Interactions</i> , 2013, 205, A1-A5.	4.0	45
41	Growth fraction as the major determinant of multicellular tumor spheroid growth rates. <i>Cancer Research</i> , 1978, 38, 1528-32.	0.9	44
42	In vitro cytotoxicity and genotoxicity of dibutyltin dichloride and dibutylgermanium dichloride. <i>Toxicology and Applied Pharmacology</i> , 1982, 64, 482-485.	2.8	43
43	Reactivity of atropaldehyde, a felbamate metabolite in human liver tissue in vitro. <i>Chemico-Biological Interactions</i> , 2002, 142, 119-134.	4.0	43
44	Evaluation of INK4A promoter methylation using pyrosequencing and circulating cell-free DNA from patients with hepatocellular carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 899-909.	2.3	43
45	Primary Hepatocyte Cultures as an in Vitro Experimental Model for the Evaluation of Pharmacokinetic Drug-Drug Interactions. <i>Advances in Pharmacology</i> , 1997, 43, 103-130.	2.0	42
46	Characterization of a lung epithelial cell strain with potential applications in toxicological studies. <i>Toxicology</i> , 1983, 27, 257-272.	4.2	41
47	An evaluation of the cytochrome P450 induction potential of pantoprazole in primary human hepatocytes. <i>Chemico-Biological Interactions</i> , 1998, 114, 1-13.	4.0	41
48	Rifampicin induction of lidocaine metabolism in cultured human hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1995, 274, 673-7.	2.5	41
49	MAINTENANCE OF LIVER FUNCTIONS IN RAT HEPATOCYTES CULTURED AS SPHEROIDS IN A ROTATING WALL VESSEL. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2003, 39, 13.	1.5	40
50	Definition of metabolism-dependent xenobiotic toxicity with co-cultures of human hepatocytes and mouse 3T3 fibroblasts in the novel integrated discrete multiple organ co-culture (IdMOC) experimental system: Results with model toxicants aflatoxin B1, cyclophosphamide and tamoxifen. <i>Chemico-Biological Interactions</i> , 2012, 199, 1-8.	4.0	38
51	Quantitative Analyses of Radiation- and Chemical-Induced Lethality and Mutagenesis in Chinese Hamster Ovary Cells. <i>Radiation Research</i> , 1978, 76, 471.	1.5	37
52	A review and analysis of the Chinese hamster ovary/hypoxanthine guanine phosphoribosyl transferase assay to determine the mutagenicity of chemical agents. A report of phase III of the U.S. environmental protection agency Gene-Tox program. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1988, 196, 17-36.	2.9	37
53	An evaluation of the P450 inhibition and induction potential of daptomycin in primary human hepatocytes. <i>Chemico-Biological Interactions</i> , 2004, 150, 137-147.	4.0	37
54	In situ allucin generation using targeted alliinase delivery for inhibition of MIA PaCa-2 cells via epigenetic changes, oxidative stress and cyclin-dependent kinase inhibitor (CDKI) expression. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1388-1409.	4.9	37

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55	Evaluation of multiple mechanism-based toxicity endpoints in primary cultured human hepatocytes for the identification of drugs with clinical hepatotoxicity: Results from 152 marketed drugs with known liver injury profiles. <i>Chemico-Biological Interactions</i> , 2016, 255, 3-11.	4.0	37
56	Differential in vitro hepatotoxicity of troglitazone and rosiglitazone among cryopreserved human hepatocytes from 37 donors. <i>Chemico-Biological Interactions</i> , 2002, 142, 57-71.	4.0	36
57	Quantitative characterization of UDP-glucuronosyltransferase 2B17 in human liver and intestine and its role in testosterone first-pass metabolism. <i>Biochemical Pharmacology</i> , 2018, 156, 32-42.	4.4	35
58	In vitro evaluation of human xenobiotic toxicity: Scientific concepts and the novel integrated discrete multiple cell co-culture (IdMOC) technology. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2008, 25, 43-49.	1.5	34
59	Antagonistic effects of animal sera, lung and liver cytosols, and sulfhydryl compounds on the cytotoxicity of diesel exhaust particle extracts. <i>Toxicology and Applied Pharmacology</i> , 1981, 57, 55-62.	2.8	33
60	Polybrominated biphenyl induction of cytochrome P450 mixed function oxidase activity in primary rat and human hepatocytes. <i>Toxicology</i> , 1995, 99, 147-152.	4.2	32
61	Simultaneous knockdown of BRAF and expression of INK4A in melanoma cells leads to potent growth inhibition and apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 509-513.	2.1	32
62	Evaluation of Luciferin-Isopropyl Acetal as a CYP3A4 Substrate for Human Hepatocytes: Effects of Organic Solvents, Cytochrome P450 (P450) Inhibitors, and P450 Inducers. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1598-1603.	3.3	32
63	Simplification of the CHO/HGPRT mutation assay through the growth of Chinese hamster ovary cells as unattached cultures. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1981, 85, 165-175.	0.4	31
64	Metabolism Comparative Cytotoxicity Assay (MCCA) and Cytotoxic Metabolic Pathway Identification Assay (CMPIA) with cryopreserved human hepatocytes for the evaluation of metabolism-based cytotoxicity in vitro: Proof-of-concept study with aflatoxin B1. <i>Chemico-Biological Interactions</i> , 2009, 179, 4-8.	4.0	31
65	Cryopreserved Human Intestinal Mucosal Epithelium: A Novel In Vitro Experimental System for the Evaluation of Enteric Drug Metabolism, Cytochrome P450 Induction, and Enterotoxicity. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1562-1571.	3.3	31
66	Human hepatocytes as an effective alternative experimental system for the evaluation of human drug properties: General concepts and assay procedures. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2008, 25, 33-42.	1.5	31
67	Correlation between changes in intracellular level of cyclic AMP, activation of cyclic AMP-dependent protein kinase, and the morphology of Chinese hamster ovary cells in culture. <i>Archives of Biochemistry and Biophysics</i> , 1977, 182, 181-187.	3.0	30
68	Evaluation of an exposure system using cells grown on collagen gels for detecting highly volatile mutagens in the CHO/HGPRT mutation assay. <i>Environmental Mutagenesis</i> , 1983, 5, 795-801.	1.4	30
69	Correlation between troglitazone cytotoxicity and drug metabolic enzyme activities in cryopreserved human hepatocytes. <i>Chemico-Biological Interactions</i> , 2002, 142, 73-82.	4.0	30
70	Acute and genetic toxicity of 1- β -nitropyrene and its fate after single oral doses to rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1982, 10, 373-384.	2.3	29
71	Overview: hepatocytes and cryopreservation—a personal historical perspective. <i>Chemico-Biological Interactions</i> , 1999, 121, 1-5.	4.0	28
72	Cytotoxicity of eight cigarette smoke condensates in three test systems: Comparisons between assays and condensates. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 428-436.	2.7	28

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73	Luciferin IPA-Based Higher Throughput Human Hepatocyte Screening Assays for CYP3A4 Inhibition and Induction. <i>Journal of Biomolecular Screening</i> , 2011, 16, 903-909.	2.6	28
74	An integrated, multidisciplinary approach for drug safety assessment. <i>Drug Discovery Today</i> , 2004, 9, 687-693.	6.4	27
75	Regional Proteomic Quantification of Clinically Relevant Non-Cytochrome P450 Enzymes along the Human Small Intestine. <i>Drug Metabolism and Disposition</i> , 2020, 48, 528-536.	3.3	27
76	The Use of the Integrated Discrete Multiple Organ Co-culture (IdMOCÂ®) System for the Evaluation of Multiple Organ Toxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 2009, 37, 377-385.	1.0	26
77	Increased cytotoxicity and mutagenicity of diesel fuel after reaction with NO2. <i>Environmental Mutagenesis</i> , 1981, 3, 211-220.	1.4	25
78	Evaluation of Drug Metabolism, Drug-Drug Interactions, and In Vitro Hepatotoxicity with Cryopreserved Human Hepatocytes. <i>Methods in Molecular Biology</i> , 2010, 640, 281-294.	0.9	25
79	Use of aroclor 1254-induced rat liver homogenate in the assaying of promutagens in chinese hamster ovary cells. <i>Environmental Mutagenesis</i> , 1984, 6, 539-544.	1.4	24
80	Simultaneous Inhibition of MEK and CDK4 Leads to Potent Apoptosis in Human Melanoma Cells. <i>Cancer Investigation</i> , 2010, 28, 350-356.	1.3	24
81	Open letter to the European commission: scientifically unfounded precaution drives European commission's recommendations on EDC regulation, while defying common sense, well-established science, and risk assessment principles. <i>Archives of Toxicology</i> , 2013, 87, 1739-1741.	4.2	24
82	A comparison of genotoxicity of automotive exhaust particles from laboratory and environmental sources. <i>Environmental Mutagenesis</i> , 1984, 6, 651-668.	1.4	23
83	An evaluation of the roles of mammalian cell mutation assays in the testing of chemical genotoxicity. <i>Regulatory Toxicology and Pharmacology</i> , 1991, 14, 24-40.	2.7	23
84	Studies on the etiology of acute acalculous cholecystitis: The effect of lipopolysaccharide on human gallbladder mucosal cells. <i>Prostaglandins</i> , 1994, 47, 319-330.	1.2	23
85	Disrupted Murine Gut-to-Human Liver Signaling Alters Bile Acid Homeostasis in Humanized Mouse Liver Models. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 174-191.	2.5	23
86	Effect of bupropion on CYP2B6 and CYP3A4 catalytic activity, immunoreactive protein and mRNA levels in primary human hepatocytes: comparison with rifampicin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 1229-1239.	2.4	22
87	Endoplasmic Reticulum Stress Induction and ERK1/2 Activation Contribute to Nefazodone-Induced Toxicity in Hepatic Cells. <i>Toxicological Sciences</i> , 2016, 154, 368-380.	3.1	22
88	InÂvitro evaluation of hepatotoxic drugs in human hepatocytes from multiple donors: Identification of P450 activity as a potential risk factor for drug-induced liver injuries. <i>Chemico-Biological Interactions</i> , 2016, 255, 12-22.	4.0	22
89	Diesel-exhaust-particle extract enhancement of chemical-induced mutagenesis in cultured Chinese hamster ovary cells: Possible interaction of diesel exhaust with environmental carcinogens. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 103, 349-355.	1.1	21
90	Comparative mutagenicity of a coal combustion fly ash extract in salmonella typhimurium and chinese hamster ovary cells. <i>Environmental Mutagenesis</i> , 1983, 5, 263-272.	1.4	21

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91	Gene transfer in primary cultures of human hepatocytes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1992, 28, 373-375.	1.5	21
92	A comprehensive approach for drug safety assessment. <i>Chemico-Biological Interactions</i> , 2004, 150, 27-33.	4.0	21
93	Simultaneous Inhibition of MEK and CDK4 Leads to Potent Apoptosis in Human Melanoma Cells. <i>Cancer Investigation</i> , 2010, 28, 350-356.	1.3	21
94	Higher Throughput Human Hepatocyte Assays for the Evaluation of Time-Dependent Inhibition of CYP3A4. <i>Drug Metabolism Letters</i> , 2011, 5, 183-191.	0.8	21
95	Effects of Culture Duration on Gene Expression of P450 Isoforms, Uptake and Efflux Transporters in Primary Hepatocytes Cultured in the Absence and Presence of Interleukin-6: Implications for Experimental Design for the Evaluation of Downregulatory Effects of Biotherapeutics. <i>Current Drug Metabolism</i> , 2012, 13, 938-946.	1.2	21
96	Comparative metabolism of SC-42867 and SC-51089, two PGE2 antagonists, in rat and human hepatocyte cultures. <i>Xenobiotica</i> , 1994, 24, 25-36.	1.1	20
97	Prediction of the Pharmacokinetics of Pravastatin as an OATP Substrate Using Plateable Human Hepatocytes With Human Plasma Data and PBPK Modeling. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018, 7, 251-258.	2.5	19
98	Sulfation and glucuronidation of acetaminophen by cultured hepatocytes reproducing in vivo sex-differences in conjugation on matrigel and type 1 collagen. <i>In Vitro Cellular & Developmental Biology</i> , 1991, 27, 953-960.	1.0	18
99	Evaluation of drug interactions in intact hepatocytes: Inhibitors of terfenadine metabolism. <i>Toxicology in Vitro</i> , 1996, 10, 655-663.	2.4	18
100	Quantitative reverse transcriptase/PCR assay for the measurement of induction in cultured hepatocytes. <i>Chemico-Biological Interactions</i> , 1997, 107, 47-61.	4.0	18
101	Overview: Evaluation of metabolism-based drug toxicity in drug development. <i>Chemico-Biological Interactions</i> , 2009, 179, 1-3.	4.0	18
102	Scientifically unfounded precaution drives European Commission's recommendations on EDC regulation, while defying common sense, well-established science and risk assessment principles. <i>Toxicology in Vitro</i> , 2013, 27, 2110-2114.	2.4	18
103	Human-Based In Vitro Experimental Systems for the Evaluation of Human Drug Safety. <i>Current Drug Safety</i> , 2007, 2, 193-199.	0.6	17
104	Thymic stromal lymphopoietin and interleukin-4 mediate the pathogenesis of halothane-induced liver injury in mice. <i>Hepatology</i> , 2014, 60, 1741-1752.	7.3	17
105	Comparison of uptake transporter functions in hepatocytes in different species to determine the optimal model for evaluating drug transporter activities in humans. <i>Xenobiotica</i> , 2019, 49, 852-862.	1.1	17
106	Rat nasal tissue activation of benzo(a)pyrene and 2-aminoanthracene to mutagens in salmonella typhimurium. <i>Environmental Mutagenesis</i> , 1983, 5, 311-318.	1.4	16
107	Evaluation of Adverse Drug Properties with Cryopreserved Human Hepatocytes and the Integrated Discrete Multiple Organ Co-culture (IdMOC TM) System. <i>Toxicological Research</i> , 2015, 31, 137-149.	2.1	16
108	Metabolism-dependent cytotoxicity of citrinin and ochratoxin A alone and in combination as assessed adopting integrated discrete multiple organ co-culture (IdMOC). <i>Toxicology in Vitro</i> , 2018, 46, 166-177.	2.4	16

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109	Utility of Pooled Cryopreserved Human Enterocytes as an In vitro Model for Assessing Intestinal Clearance and Drug-Drug Interactions. <i>Drug Metabolism Letters</i> , 2018, 12, 3-13.	0.8	16
110	A modified agar assay for the quantitation of mutation at the hypoxanthine guanine phosphoribosyl transferase gene locus in Chinese hamster ovary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983, 111, 365-370.	1.0	15
111	Mutagenicity of used crankcase oils from diesel and spark ignition automobiles. <i>Environmental Research</i> , 1986, 40, 155-163.	7.5	15
112	In Vitro Human Hepatocyte-Based Experimental Systems for the Evaluation of Human Drug Metabolism, Drug-Drug Interactions, and Drug Toxicity in Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1325-1338.	2.1	15
113	In vivo activation of cyclic adenosine 3'5'-phosphate-dependent protein kinase in Chinese hamster ovary cells treated with N ⁶ , O ² -dibutyryl cyclic adenosine 3'5'-phosphate. <i>Biochemical and Biophysical Research Communications</i> , 1975, 64, 507-513.	2.1	14
114	Action of cyclic nucleotide analogues in Chinese hamster ovary cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1977, 497, 35-45.	2.4	14
115	Metabolism and macromolecular covalent binding of benzo[a]pyrene in cultured fischer-344 rat lung type II epithelial cells. <i>Biochemical Pharmacology</i> , 1983, 32, 3771-3776.	4.4	14
116	Chemical and biological properties of diesel exhaust particles collected during selected segments of a simulated driving cycle*1. <i>Fundamental and Applied Toxicology</i> , 1984, 4, 370-377.	1.8	14
117	Promutagen activation by freshly isolated and cryopreserved rat hepatocytes. <i>Environmental Mutagenesis</i> , 1988, 12, 335-341.	1.4	14
118	The Scientific Basis of Drug-Drug Interactions: Mechanism and Preclinical Evaluation. <i>Drug Information Journal</i> , 1998, 32, 657-664.	0.5	13
119	Cytotoxicity and mutagenicity of vapor-phase pollutants in rat lung epithelial cells and Chinese hamster ovary cells grown on collagen gels. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1983, 12, 27-38.	2.3	12
120	An In vitro lung epithelial cell system for evaluating the potential toxicity of inhalable materials. <i>Food and Chemical Toxicology</i> , 1986, 24, 527-534.	3.6	12
121	Comparison of rat liver parenchymal and nonparenchymal cells in the activation of promutagens. <i>Environmental and Molecular Mutagenesis</i> , 1992, 20, 134-139.	2.2	12
122	Evaluation of Human Hepatocytes Under Prolonged Culture in a Novel Medium for the Maintenance of Hepatic Differentiation: Results with the Model Pro-inflammatory Cytokine Interleukin 6. <i>Drug Metabolism Letters</i> , 2014, 8, 12-18.	0.8	12
123	Functional Integrity of the Chimeric (Humanized) Mouse Liver: Enzyme Zonation, Physiologic Spaces, and Hepatic Enzymes and Transporters. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1524-1535.	3.3	12
124	In Vitro Human Cell-Based Experimental Models for the Evaluation of Enteric Metabolism and Drug Interaction Potential of Drugs and Natural Products. <i>Drug Metabolism and Disposition</i> , 2020, 48, 980-992.	3.3	12
125	The effect of Clostridium difficile toxin on colonocyte prostanoid activity. <i>Prostaglandins</i> , 1994, 48, 367-375.	1.2	11
126	Overview: Pharmacokinetic Drug-Drug Interactions. <i>Advances in Pharmacology</i> , 1997, 43, 1-6.	2.0	11

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127	A Novel In Vitro Experimental System for the Evaluation of Drug Metabolism: Cofactor-Supplemented Permeabilized Cryopreserved Human Hepatocytes (MetMax Cryopreserved Human Hepatocytes). Drug Metabolism and Disposition, 2018, 46, 1608-1616.	3.3	11
128	Alterations in gene expression in vitamin D deficiency: Downregulation of liver Cyp7a1 and renal Oat3 in mice. Biopharmaceutics and Drug Disposition, 2018, 39, 99-115.	1.9	11
129	Inter-individual and inter-regional variations in enteric drug metabolizing enzyme activities: Results with cryopreserved human intestinal mucosal epithelia (CHIM) from the small intestines of 14 donors. Pharmacology Research and Perspectives, 2020, 8, e00645.	2.4	11
130	In vitro evaluation of the cytotoxic potential of a novel man-made fiber, calcium sodium metaphosphate fiber (Phosphate Fiber). Fundamental and Applied Toxicology, 1988, 11, 21-28.	1.8	10
131	Metabolism in vitro of radioiodinated N-isopropyl-p-iodoamphetamine by isolated hepatocytes. Nuclear Medicine and Biology, 1993, 20, 49-56.	0.6	10
132	High Content Analysis of an In Vitro Model for Metabolic Toxicity: Results with the Model Toxicants 4-Aminophenol and Cyclophosphamide. Journal of Biomolecular Screening, 2014, 19, 1402-1408.	2.6	10
133	A Novel In vitro Experimental System for the Evaluation of Enteric Drug Metabolism: Cofactor-Supplemented Permeabilized Cryopreserved Human Enterocytes (MetMax, Cryopreserved) Tj ETQq1 1 0.78431410gBT /Over	0.7	10
134	Cytotoxicity of diesel exhaust particle extract – A comparison among five diesel passenger cars of different manufacturers. Toxicology, 1982, 24, 1-8.	4.2	9
135	The use of sister-chromatid exchange in Chinese hamster primary lung cell cultures to measure genotoxicity. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1984, 130, 333-342.	0.4	9
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