Curtis D Klaassen

List of Publications by Year
in descending order

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443 papers	30,036 citations	2538 96 h-index	9073 144 g-index
445 all docs	445 docs citations	445 times ranked	22371 citing authors

#	Article	IF	Citations
1	METALLOTHIONEIN: An Intracellular Protein to Protect Against Cadmium Toxicity. Annual Review of Pharmacology and Toxicology, 1999, 39, 267-294.	4.2	1,009
2	Xenobiotic, Bile Acid, and Cholesterol Transporters: Function and Regulation. Pharmacological Reviews, 2010, 62, 1-96.	7.1	679
3	Metallothionein protection of cadmium toxicity. Toxicology and Applied Pharmacology, 2009, 238, 215-220.	1.3	587
4	Structure, Function, Expression, Genomic Organization, and Single Nucleotide Polymorphisms of Human ABCB1 (MDR1), ABCC (MRP), and ABCG2 (BCRP) Efflux Transporters. International Journal of Toxicology, 2006, 25, 231-259.	0.6	353
5	Mechanism of tissue-specific farnesoid X receptor in suppressing the expression of genes in bile-acid synthesis in mice. Hepatology, 2012, 56, 1034-1043.	3.6	349
6	Nrf2 the rescue: Effects of the antioxidative/electrophilic response on the liver. Toxicology and Applied Pharmacology, 2010, 244, 57-65.	1.3	337
7	The importance of 3â€˜â€phosphoadenosine 5â€˜â€phosphosulfate (PAPS) in the regulation of sulfation. FASEB Journal, 1997, 11, 404-418.	0.2	315
8	Beneficial Role of Nrf2 in Regulating NADPH Generation and Consumption. Toxicological Sciences, 2011, 123, 590-600.	1.4	286
9	Oxidative and electrophilic stress induces multidrug resistance-associated protein transporters via the nuclear factor-E2-related factor-2 transcriptional pathway. Hepatology, 2007, 46, 1597-1610.	3.6	275
10	Cadmium-induced hepatic and renal injury in chronically exposed rats: Likely role of hepatic cadmium-metallothionein in nephrotoxicity. Toxicology and Applied Pharmacology, 1985, 77, 414-426.	1.3	260
11	Cadmium-Induced Apoptosis in Mouse Liver. Toxicology and Applied Pharmacology, 1998, 149, 203-209.	1.3	251
12	INDUCTION OF THE MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN FAMILY OF TRANSPORTERS BY CHEMICAL ACTIVATORS OF RECEPTOR-MEDIATED PATHWAYS IN MOUSE LIVER. Drug Metabolism and Disposition, 2005, 33, 956-962.	1.7	244
13	Acute exposure to cadmium causes severe liver injury in rats. Toxicology and Applied Pharmacology, 1982, 65, 302-313.	1.3	242
14	Dose-response effects of various metal ions on rat liver metallothionein, glutathione, heme oxygenase, and cytochrome P-450. Toxicology and Applied Pharmacology, 1980, 55, 393-402.	1.3	241
15	Cadmium toxicity and lipid peroxidation in isolated rat hepatocytes. Toxicology and Applied Pharmacology, 1980, 53, 470-480.	1.3	229
16	Introducing the â€œTCDD-Inducible AhR-Nrf2 Gene Batteryâ€• Toxicological Sciences, 2009, 111, 238-246.	1.4	228
17	Quantitative-profiling of bile acids and their conjugates in mouse liver, bile, plasma, and urine using LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 873, 209-217.	1.2	223
18	NF-E2-Related Factor 2 Inhibits Lipid Accumulation and Oxidative Stress in Mice Fed a High-Fat Diet. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 655-664.	1.3	222

#	Article	IF	Citations
19	Coordinated Regulation of Hepatic Phase I and II Drug-Metabolizing Genes and Transporters using AhR-, CAR-, PXR-, PPARÎ±-, and Nrf2-Null Mice. Drug Metabolism and Disposition, 2012, 40, 1366-1379.	1.7	220
20	Overexpression of Glutathione S-Transferase II and Multidrug Resistance Transport Proteins Is Associated with Acquired Tolerance to Inorganic Arsenic. Molecular Pharmacology, 2001, 60, 302-309.	1.0	219
21	Organ Distribution of Multidrug Resistance Proteins 1, 2, and 3 (Mrp1, 2, and 3) mRNA and Hepatic Induction of Mrp3 by Constitutive Androstane Receptor Activators in Rats. Journal of Pharmacology and Experimental Therapeutics, 2002, 300, 97-104.	1.3	206
22	Comparison of the biochemical alterations elicited in livers from rats treated with carbon tetrachloride, chloroform, 1,1,2-trichloroethaneand 1,1,1-trichloroethane. Biochemical Pharmacology, 1969, 18, 2019-2027.	2.0	202
23	Relative effects of various chlorinated hydrocarbons on liver and kidney function in mice. Toxicology and Applied Pharmacology, 1966, 9, 139-151.	1.3	198
24	Protective effect of metallothionein against the toxicity of cadmium and other metals11Supported by NIH grant ES-01142.. Toxicology, 2001, 163, 93-100.	2.0	198
25	TISSUE DISTRIBUTION AND HEPATIC AND RENAL ONTOGENY OF THE MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN (MRP) FAMILY IN MICE. Drug Metabolism and Disposition, 2005, 33, 947-955.	1.7	183
26	Metallothioneins in Brainâ€"The Role in Physiology and Pathology. Toxicology and Applied Pharmacology, 1997, 142, 229-242.	1.3	182
27	Tissue distribution and hormonal regulation of the breast cancer resistance protein (Bcrp/Abcg2) in rats and mice. Biochemical and Biophysical Research Communications, 2004, 326, 181-187.	1.0	180
28	Tissue Distribution and Ontogeny of Sulfotransferase Enzymes in Mice. Toxicological Sciences, 2006, 93, 242-255.	1.4	174
29	Gender-Specific and Developmental Influences on the Expression of Rat Organic Anion Transporters. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 145-151.	1.3	173
30	Glucose and Insulin Induction of Bile Acid Synthesis. Journal of Biological Chemistry, 2012, 287, 1861-1873.	1.6	171
31	Oxidative Stress and the Pathogenesis of Cholestasis. Seminars in Liver Disease, 2010, 30, 195-204.	1.8	169
32	Intestinal Absorption of Cadmium Is Associated with Divalent Metal Transporter 1 in Rats. Toxicological Sciences, 2002, 68, 288-294.	1.4	168
33	Tissue- and Gender-Specific mRNA Expression of UDP-Glucuronosyltransferases (UGTs) in Mice. Drug Metabolism and Disposition, 2007, 35, 121-127.	1.7	166
34	UDP-glucuronosyltransferase inducers reduce thyroid hormone levels in rats by an extrathyroidal mechanism. Toxicology and Applied Pharmacology, 1992, 113, 36-42.	1.3	165
35	Toxicity and distribution of cadmium administered to rats at sublethal doses. Toxicology and Applied Pharmacology, 1977, 41, 667-680.	1.3	159
36	Oleanolic acid activates Nrf2 and protects from acetaminophen hepatotoxicity via Nrf2-dependent and Nrf2-independent processes. Biochemical Pharmacology, 2009, 77, 1273-1282.	2.0	159

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37	CONSTITUTIVE EXPRESSION OF VARIOUS XENOBIOTIC AND ENDOBIOTIC TRANSPORTER mRNAs IN THE CHOROID PLEXUS OF RATS. Drug Metabolism and Disposition, 2003, 31, 1337-1345.	1.7	157
38	Enhanced expression of Nrf2 in mice attenuates the fatty liver produced by a methionine- and choline-deficient diet. Toxicology and Applied Pharmacology, 2010, 245, 326-334.	1.3	157
39	Review: Mechanisms of How the Intestinal Microbiota Alters the Effects of Drugs and Bile Acids. Drug Metabolism and Disposition, 2015, 43, 1505-1521.	1.7	156
40	Circadian Expression Profiles of Drug-Processing Genes and Transcription Factors in Mouse Liver. Drug Metabolism and Disposition, 2009, 37, 106-115.	1.7	155
41	Zinc-induced tolerance to cadmium hepatotoxicity. Toxicology and Applied Pharmacology, 1984, 74, 299-307.	1.3	152
42	Effect of bile duct ligation on bile acid composition in mouse serum and liver. Liver International, 2012, 32, 58-69.	1.9	151
43	Relative in vitro affinity of hepatic metallothionein for metals. Toxicology Letters, 1984, 20, 33-39.	0.4	150
44	TISSUE DISTRIBUTION AND ONTOGENY OF MOUSE ORGANIC ANION TRANSPORTING POLYPEPTIDES (OATPS). Drug Metabolism and Disposition, 2005, 33, 1062-1073.	1.7	150
45	Altered subcellular distribution of cadmium following cadmium pretreatment: Possible mechanism of tolerance to cadmium-induced lethality. Toxicology and Applied Pharmacology, 1983, 70, 195-203.	1.3	146
46	Transcriptional Regulation of Renal Cytoprotective Genes by Nrf2 and Its Potential Use as a Therapeutic Target to Mitigate Cisplatin-Induced Nephrotoxicity. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 2-12.	1.3	144
47	Characterization of Organic Anion Transporting Polypeptide 1b2-null Mice: Essential Role in Hepatic Uptake/Toxicity of Phalloidin and Microcystin-LR. Toxicological Sciences, 2008, 103, 35-45.	1.4	143
48	Testicular toxicity of di-(2-ethylhexyl)phthalate in young Sprague–Dawley rats. Toxicology, 2002, 171, 105-115.	2.0	142
49	LIPOPOLYSACCHARIDE-MEDIATED REGULATION OF HEPATIC TRANSPORTER mRNA LEVELS IN RATS. Drug Metabolism and Disposition, 2004, 32, 734-741.	1.7	142
50	Increased Nrf2 Activation in Livers from Keap1-Knockdown Mice Increases Expression of Cytoprotective Genes that Detoxify Electrophiles more than those that Detoxify Reactive Oxygen Species. Toxicological Sciences, 2009, 108, 35-47.	1.4	142
51	Tissue Distribution and Gender-Divergent Expression of 78 Cytochrome P450 mRNAs in Mice. Toxicological Sciences, 2011, 124, 261-277.	1.4	142
52	Tissue Distribution and Chemical Induction of Multiple Drug Resistance Genes in Rats. Drug Metabolism and Disposition, 2002, 30, 838-844.	1.7	138
53	Induction of Mouse UDP-Glucuronosyltransferase mRNA Expression in Liver and Intestine by Activators of Aryl-Hydrocarbon Receptor, Constitutive Androstane Receptor, Pregnane X Receptor, Peroxisome Proliferator-Activated Receptor Î±, and Nuclear Factor Erythroid 2-Related Factor 2. Drug Metabolism and Disposition, 2009, 37, 847-856.	1.7	138
54	Protection of carbon tetrachloride-induced hepatotoxicity by zinc: Role of metallothionein. Toxicology and Applied Pharmacology, 1979, 51, 107-116.	1.3	134

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55	Role of Metallothionein in Cadmium-Induced Hepatotoxicity and Nephrotoxicity. Drug Metabolism Reviews, 1997, 29, 79-102.	1.5	134
56	Induction of Mrp3 and Mrp4 transporters during acetaminophen hepatotoxicity is dependent on Nrf2. Toxicology and Applied Pharmacology, 2008, 226, 74-83.	1.3	134
57	RAT AND MOUSE DIFFERENCES IN GENDER-PREDOMINANT EXPRESSION OF ORGANIC ANION TRANSPORTER (OAT1â€“3; SLC22A6â€“8) mRNA LEVELS. Drug Metabolism and Disposition, 2004, 32, 620-625.	1.7	130
58	Dose-Response of Five Bile Acids on Serum and Liver Bile Acid Concentrations and Hepatotoxicty in Mice. Toxicological Sciences, 2011, 123, 359-367.	1.4	130
59	Human PXR modulates hepatotoxicity associated with rifampicin and isoniazid co-therapy. Nature Medicine, 2013, 19, 418-420.	15.2	130
60	The Flame Retardants, Polybrominated Diphenyl Ethers, Are Pregnane X Receptor Activators. Toxicological Sciences, 2007, 97, 94-102.	1.4	129
61	TISSUE DISTRIBUTION AND ONTOGENY OF ORGANIC CATION TRANSPORTERS IN MICE. Drug Metabolism and Disposition, 2006, 34, 477-482.	1.7	128
62	Induction of Rat Organic Anion Transporting Polypeptide 2 by Pregnenolone-16Î±-carbonitrile Is via Interaction with Pregnane X Receptor. Molecular Pharmacology, 2002, 61, 832-839.	1.0	126
63	Dietary iron regulates intestinal cadmium absorption through iron transporters in rats. Toxicology Letters, 2004, 152, 19-25.	0.4	123
64	Tissue Distribution, Ontogeny, and Regulation of Aldehyde Dehydrogenase (Aldh) Enzymes mRNA by Prototypical Microsomal Enzyme Inducers in Mice. Toxicological Sciences, 2008, 101, 51-64.	1.4	122
65	Effects of feeding bile acids and a bile acid sequestrant on hepatic bile acid composition in mice. Journal of Lipid Research, 2010, 51, 3230-3242.	2.0	122
66	Comparison of the effectiveness of several chelators after single administration on the toxicity, excretion, and distribution of cadmium. Toxicology and Applied Pharmacology, 1981, 58, 452-460.	1.3	121
67	Diurnal Variation of Hepatic Antioxidant Gene Expression in Mice. PLoS ONE, 2012, 7, e44237.	1.1	121
68	NRF2 Protection against Liver Injury Produced by Various Hepatotoxicants. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-8.	1.9	121
69	Effect of Graded Nrf2 Activation on Phase-I and -II Drug Metabolizing Enzymes and Transporters in Mouse Liver. PLoS ONE, 2012, 7, e39006.	1.1	121
70	Role of Nrf2 in preventing ethanol-induced oxidative stress and lipid accumulation. Toxicology and Applied Pharmacology, 2012, 262, 321-329.	1.3	120
71	Nrf2 activation prevents cadmium-induced acute liver injury. Toxicology and Applied Pharmacology, 2012, 263, 14-20.	1.3	120
72	The relationship of metallothionein to the toxicity of cadmium after prolonged oral administration to rats. Toxicology and Applied Pharmacology, 1978, 46, 39-54.	1.3	119

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73	Induction of Drug-Metabolizing Enzymes by Garlic and Allyl Sulfide Compounds via Activation of Constitutive Androstane Receptor and Nuclear Factor E2-Related Factor 2. Drug Metabolism and Disposition, 2007, 35, 995-1000.	1.7	117
74	The Presence of Xenobiotic Transporters in Rat Placenta. Drug Metabolism and Disposition, 2003, 31, 153-167.	1.7	115
75	REGULATION OF MOUSE ORGANIC ANION-TRANSPORTING POLYPEPTIDES (OATPS) IN LIVER BY PROTOTYPICAL MICROSOMAL ENZYME INDUCERS THAT ACTIVATE DISTINCT TRANSCRIPTION FACTOR PATHWAYS. Drug Metabolism and Disposition, 2005, 33, 1276-1282.	1.7	115
76	Effect of various antibiotics on modulation of intestinal microbiota and bile acid profile in mice. Toxicology and Applied Pharmacology, 2014, 277, 138-145.	1.3	115
77	Xenobiotic Transporters: Ascribing Function from Gene Knockout and Mutation Studies. Toxicological Sciences, 2008, 101, 186-196.	1.4	112
78	Biliary Excretion of Drugs in Man. Clinical Pharmacokinetics, 1979, 4, 368-379.	1.6	111
79	Metallothionein (MT)-Null Mice Are Sensitive to Cisplatin-Induced Hepatotoxicity. Toxicology and Applied Pharmacology, 1998, 149, 24-31.	1.3	111
80	Increase in hepatic metallothionein in rats treated with alkylating agents. Toxicology and Applied Pharmacology, 1979, 51, 19-27.	1.3	110
81	NUCLEAR RECEPTOR, PREGNANE X RECEPTOR, IS REQUIRED FOR INDUCTION OF UDP-GLUCURONOSYLTRANSFERASES IN MOUSE LIVER BY PREGNENOLONE-16Î±-CARBONITRILE. Drug Metabolism and Disposition, 2003, 31, 908-915.	1.7	110
82	Differential Expression of Mouse Hepatic Transporter Genes in Response to Acetaminophen and Carbon Tetrachloride. Toxicological Sciences, 2005, 83, 44-52.	1.4	110
83	Hepatic phase I and phase II biotransformations in quail and trout: Comparison to other species commonly used in toxicity testing. Toxicology and Applied Pharmacology, 1983, 67, 430-441.	1.3	109
84	ANIT-Induced Intrahepatic Cholestasis Alters Hepatobiliary Transporter Expression via Nrf2-Dependent and Independent Signaling. Toxicological Sciences, 2009, 108, 247-257.	1.4	108
85	Compensatory Induction of Liver Efflux Transporters in Response to ANIT-Induced Liver Injury Is Impaired in FXR-Null Mice. Toxicological Sciences, 2009, 110, 47-60.	1.4	107
86	The effect of Chinese hepatoprotective medicines on experimental liver injury in mice. Journal of Ethnopharmacology, 1994, 42, 183-191.	2.0	106
87	Comparison of the effects of metals on cellular injury and lipid peroxidation in isolated rat hepatocytes. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1981, 7, 139-147.	1.1	105
88	Inhibition of lipid peroxidation without prevention of cellular injury in isolated rat hepatocytes. Toxicology and Applied Pharmacology, 1981, 58, 8-18.	1.3	104
89	Molecular targets of epigenetic regulation and effectors of environmental influencesâ˜†â˜†â˜†. Toxicology and Applied Pharmacology, 2010, 245, 378-393.	1.3	104
90	Diurnal Variations of Mouse Plasma and Hepatic Bile Acid Concentrations as well as Expression of Biosynthetic Enzymes and Transporters. PLoS ONE, 2011, 6, e16683.	1.1	103

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91	Impaired Generation of 12-Hydroxylated Bile Acids Links Hepatic Insulin Signaling with Dyslipidemia. Cell Metabolism, 2012, 15, 65-74.	7.2	103
92	Relative effects of various chlorinated hydrocarbons on liver and kidney function in dogs. Toxicology and Applied Pharmacology, 1967, 10, 119-131.	1.3	102
93	Tissue Distribution, Gender-Divergent Expression, Ontogeny, and Chemical Induction of Multidrug Resistance Transporter Genes (Mdr1a,Mdr1b,Mdr2) in Mice. Drug Metabolism and Disposition, 2009, 37, 203-210.	1.7	102
94	RNA-Seq Quantification of Hepatic Drug Processing Genes in Germ-Free Mice. Drug Metabolism and Disposition, 2015, 43, 1572-1580.	1.7	102
95	Th2 Skewing by Activation of Nrf2 in CD4+ T Cells. Journal of Immunology, 2012, 188, 1630-1637.	0.4	101
96	Regulation of Hepatic Drug-Metabolizing Enzymes in Germ-Free Mice by Conventionalization and Probiotics. Drug Metabolism and Disposition, 2016, 44, 262-274.	1.7	101
97	Induction studies on the functional heterogeneity of rat liver UDP-glucuronosyltransferases. Toxicology and Applied Pharmacology, 1982, 64, 439-446.	1.3	100
98	Time course of cadmium-induced ultrastructural changes in rat liver. Toxicology and Applied Pharmacology, 1984, 76, 150-160.	1.3	100
99	Effects of Microsomal Enzyme Inducers on Thyroid-Follicular Cell Proliferation, Hyperplasia, and Hypertrophy. Toxicology and Applied Pharmacology, 1999, 160, 163-170.	1.3	99
100	Organic anion-transporting polypeptide 1b2 (Oatp1b2) is important for the hepatic uptake of unconjugated bile acids: Studies in Oatp1b2-null mice. Hepatology, 2011, 53, 272-281.	3.6	98
101	Effects of Microsomal Enzyme Inducers on Thyroid Follicular Cell Proliferation and Thyroid Hormone Metabolism. Toxicologic Pathology, 2001, 29, 34-40.	0.9	97
102	Tolerance to cadmium-induced hepatotoxicity following cadmium pretreatment. Toxicology and Applied Pharmacology, 1984, 74, 308-313.	1.3	96
103	Susceptibility of MT-Null Mice to Chronic CdCl2-Induced Nephrotoxicity Indicates That Renal Injury Is Not Mediated by the CdMT Complex. Toxicological Sciences, 1998, 46, 197-203.	1.4	96
104	Nrf2- and PPARÎ±-Mediated Regulation of Hepatic Mrp Transporters after Exposure to Perfluorooctanoic Acid and Perfluorodecanoic Acid. Toxicological Sciences, 2008, 106, 319-328.	1.4	96
105	CDDO-Im protects from acetaminophen hepatotoxicity through induction of Nrf2-dependent genes. Toxicology and Applied Pharmacology, 2009, 236, 109-114.	1.3	96
106	METALLOTHIONEIN TRANSGENIC AND KNOCK-OUT MOUSE MODELS IN THE STUDY OF CADMIUM TOXICITY. Journal of Toxicological Sciences, 1998, 23, 97-102.	0.7	95
107	Induction of Metallothionein mRNA and Protein in Murine Astrocyte Cultures. Toxicology and Applied Pharmacology, 1996, 136, 94-100.	1.3	93
108	Changes in hepatic glutathione concentration modify cadmium-induced hepatotoxicity. Toxicology and Applied Pharmacology, 1984, 72, 530-538.	1.3	91

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109	Chronic combined exposure to cadmium and arsenic exacerbates nephrotoxicity, particularly in metallothionein-I/II null mice. Toxicology, 2000, 147, 157-166.	2.0	91
110	Three Patterns of Cytochrome P450 Gene Expression during Liver Maturation in Mice. Drug Metabolism and Disposition, 2009, 37, 116-121.	1.7	91
111	Nuclear Factor Erythroid 2-Related Factor 2 Deletion Impairs Glucose Tolerance and Exacerbates Hyperglycemia in Type 1 Diabetic Mice. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 140-151.	1.3	91
112	Repeated administration of berberine inhibits cytochromes P450 in humans. European Journal of Clinical Pharmacology, 2012, 68, 213-217.	0.8	91
113	Comparison of methods for estimating hepatic metallothionein in rats. Toxicology and Applied Pharmacology, 1977, 42, 583-588.	1.3	90
114	Tolerance to cadmiumâ€induced toxicity depends on presynthesized metallothionein in liver. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1984, 14, 803-812.	1.1	89
115	The Effects of 10 Triterpenoid Compounds on Experimental Liver Injury in Mice. Fundamental and Applied Toxicology, 1994, 22, 34-40.	1.9	88
116	Regulation of metal transporters by dietary iron, and the relationship between body iron levels and cadmium uptake. Archives of Toxicology, 2007, 81, 327-334.	1.9	88
117	Maximum Biliary Excretion of Bilirubin and Sulfobromophthalein During Anesthesia-Induced Alteration of Rectal Temperature.. Experimental Biology and Medicine, 1967, 125, 313-316.	1.1	85
118	Dosage-dependent disposition of cadmium administered orally to rats. Toxicology and Applied Pharmacology, 1986, 84, 159-167.	1.3	85
119	Tissue Expression, Ontogeny, and Inducibility of Rat Organic Anion Transporting Polypeptide 4. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 551-560.	1.3	85
120	Constitutive mRNA Expression of Various Glutathione S-Transferase Isoforms in Different Tissues of Mice. Toxicological Sciences, 2007, 100, 513-524.	1.4	85
121	Regulation of Rat Multidrug Resistance Protein 2 by Classes of Prototypical Microsomal Enzyme Inducers That Activate Distinct Transcription Pathways. Toxicological Sciences, 2002, 67, 182-189.	1.4	84
122	Regulation of Sulfotransferase Enzymes by Prototypical Microsomal Enzyme Inducers in Mice. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 612-621.	1.3	84
123	Perfluorocarboxylic Acids Induce Cytochrome P450 Enzymes in Mouse Liver through Activation of PPAR-Î± and CAR Transcription Factors. Toxicological Sciences, 2008, 106, 29-36.	1.4	83
124	Metallothionein-Null Mice Are Highly Susceptible to the Hematotoxic and Immunotoxic Effects of Chronic CdCl2 Exposure. Toxicology and Applied Pharmacology, 1999, 159, 98-108.	1.3	82
125	Metallothionein-I and -II Knock-Out Mice Are Sensitive to Cadmium-Induced Liver mRNA Expression of c-junandp53. Toxicology and Applied Pharmacology, 1996, 136, 229-235.	1.3	80
126	Relationship between liver and kidney levels of glutathione and metallothionein in rats. Toxicology, 1981, 19, 39-47.	2.0	79

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127	Uptake of bile acids by isolated rat hepatocytes. Biochemical Pharmacology, 1982, 31, 211-216.	2.0	79
128	Chemical modulation of metallothionein I and III mRNA in mouse brain. Neurochemistry International, 1995, 27, 43-58.	1.9	78
129	Bromobenzene-Induced Hepatotoxicity at the Transcriptome Level. Toxicological Sciences, 2004, 79, 411-422.	1.4	78
130	Cadmium Absorption and Its Relationship to Divalent Metal Transporter-1 in the Pregnant Rat. Toxicology and Applied Pharmacology, 2002, 185, 18-24.	1.3	77
131	Regulation of hepatic bile acid transporters Ntcp and Bsep expression. Biochemical Pharmacology, 2007, 74, 1665-1676.	2.0	77
132	Identification of Chemical Modulators of the Constitutive Activated Receptor (CAR) in a Gene Expression Compendium. Nuclear Receptor Signaling, 2015, 13, nrs.13002.	1.0	77
133	Altered Disposition of Acetaminophen in Nrf2-null and Keap1-knockdown Mice. Toxicological Sciences, 2009, 109, 31-40.	1.4	76
134	Decreased effectiveness of chelation therapy with time after acute cadmium poisoning. Toxicology and Applied Pharmacology, 1982, 63, 173-180.	1.3	75
135	Importance of Large Intestine in Regulating Bile Acids and Glucagon-Like Peptide-1 in Germ-Free Mice. Drug Metabolism and Disposition, 2015, 43, 1544-1556.	1.7	75
136	Increase in Rat Liver UDP-Glucuronosyltransferase mRNA by Microsomal Enzyme Inducers that Enhance Thyroid Hormone Glucuronidation. Drug Metabolism and Disposition, 2002, 30, 240-246.	1.7	73
137	Nrf2 deficiency improves glucose tolerance in mice fed a high-fat diet. Toxicology and Applied Pharmacology, 2012, 264, 305-314.	1.3	73
138	Biliary Excretion of Metals. Drug Metabolism Reviews, 1976, 5, 165-196.	1.5	72
139	Acute CdMT Injection Is Not a Good Model to Study Chronic Cd Nephropathy: Comparison of Chronic CdCl2and CdMT Exposure with Acute CdMT Injection in Rats. Toxicology and Applied Pharmacology, 1998, 153, 48-58.	1.3	72
140	Importance of Hepatic Induction of Constitutive Androstane Receptor and Other Transcription Factors That Regulate Xenobiotic Metabolism and Transport. Drug Metabolism and Disposition, 2007, 35, 1806-1815.	1.7	72
141	Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis. Toxicology and Applied Pharmacology, 2011, 256, 122-135.	1.3	72
142	Regulation of sulfotransferase mRNA expression in male and female rats of various ages. Chemico-Biological Interactions, 1998, 109, 299-313.	1.7	71
143	Induction of Hepatic Transporters Multidrug Resistance-Associated Proteins (Mrp) 3 and 4 by Clofibrate Is Regulated by Peroxisome Proliferator-Activated Receptor Î±. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 537-545.	1.3	71
144	Effect of Diet on Expression of Genes Involved in Lipid Metabolism, Oxidative Stress, and Inflammation in Mouse Liverâ€“Insights into Mechanisms of Hepatic Steatosis. PLoS ONE, 2014, 9, e88584.	1.1	71

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145	Plasma disappearance and biliary excretion of indocyanine green in rats, rabbits, and dogs. Toxicology and Applied Pharmacology, 1969, 15, 374-384.	1.3	70
146	Screening of Natural Compounds as Activators of the Keap1-Nrf2 Pathway. Planta Medica, 2014, 80, 97-104.	0.7	70
147	Potency of Individual Bile Acids to Regulate Bile Acid Synthesis and Transport Genes in Primary Human Hepatocyte Cultures. Toxicological Sciences, 2014, 141, 538-546.	1.4	70
148	Multidrug-resistance mdr1a/1b double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues. Toxicology, 2002, 170, 55-62.	2.0	69
149	Resistance to cadmium-induced hepatotoxicity in immature rats. Toxicology and Applied Pharmacology, 1984, 74, 321-329.	1.3	68
150	Individual bile acids have differential effects on bile acid signaling in mice. Toxicology and Applied Pharmacology, 2015, 283, 57-64.	1.3	68
151	RNA-Seq reveals common and unique PXR- and CAR-target gene signatures in the mouse liver transcriptome. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1198-1217.	0.9	68
152	High-performance liquid chromatographic analysis of glutathione and its thiol and disulfide degradation products. Biomedical Applications, 1986, 381, 259-270.	1.7	67
153	Studies on the pregnenolone-16Î±-carbonitrile-inducible form of rat liver microsomal cytochrome P-450 and UDP-glucuronosyltransferase. Biochemical Pharmacology, 1987, 36, 3859-3866.	2.0	67
154	Distribution and Retention of Cadmium in Metallothionein I and II Null Mice. Toxicology and Applied Pharmacology, 1996, 136, 260-268.	1.3	67
155	Regulation of mRNA Expression of Xenobiotic Transporters by the Pregnane X Receptor in Mouse Liver, Kidney, and Intestine. Drug Metabolism and Disposition, 2006, 34, 1863-1867.	1.7	67
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