

Curtis D Klaassen

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440
papers

26,036
citations

91
h-index

133
g-index

445
ext. papers

27,796
ext. citations

4.5
avg, IF

7.21
L-index

#	Paper	IF	Citations
440	Metallothionein: an intracellular protein to protect against cadmium toxicity. <i>Annual Review of Pharmacology and Toxicology</i> , 1999 , 39, 267-94	17.9	895
439	Xenobiotic, bile acid, and cholesterol transporters: function and regulation. <i>Pharmacological Reviews</i> , 2010 , 62, 1-96	22.5	595
438	Metallothionein protection of cadmium toxicity. <i>Toxicology and Applied Pharmacology</i> , 2009 , 238, 215-204.6	4.6	467
437	Structure, function, expression, genomic organization, and single nucleotide polymorphisms of human ABCB1 (MDR1), ABCC (MRP), and ABCG2 (BCRP) efflux transporters. <i>International Journal of Toxicology</i> , 2006 , 25, 231-59	2.4	305
436	Nrf2 the rescue: effects of the antioxidative/electrophilic response on the liver. <i>Toxicology and Applied Pharmacology</i> , 2010 , 244, 57-65	4.6	282
435	Sulfation and sulfotransferases 5: the importance of 3'phosphoadenosine 5'phosphosulfate (PAPS) in the regulation of sulfation. <i>FASEB Journal</i> , 1997 , 11, 404-18	0.9	269
434	Mechanism of tissue-specific farnesoid X receptor in suppressing the expression of genes in bile-acid synthesis in mice. <i>Hepatology</i> , 2012 , 56, 1034-43	11.2	259
433	Oxidative and electrophilic stress induces multidrug resistance-associated protein transporters via the nuclear factor-E2-related factor-2 transcriptional pathway. <i>Hepatology</i> , 2007 , 46, 1597-610	11.2	255
432	Cadmium-induced hepatic and renal injury in chronically exposed rats: likely role of hepatic cadmium-metallothionein in nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , 1985 , 77, 414-26	4.6	225
431	Cadmium-induced apoptosis in mouse liver. <i>Toxicology and Applied Pharmacology</i> , 1998 , 149, 203-9	4.6	222
430	Beneficial role of Nrf2 in regulating NADPH generation and consumption. <i>Toxicological Sciences</i> , 2011 , 123, 590-600	4.4	220
429	Induction of the multidrug resistance-associated protein family of transporters by chemical activators of receptor-mediated pathways in mouse liver. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 956-62	4	219
428	Acute exposure to cadmium causes severe liver injury in rats. <i>Toxicology and Applied Pharmacology</i> , 1982 , 65, 302-13	4.6	217
427	Dose-response effects of various metal ions on rat liver metallothionein, glutathione, heme oxygenase, and cytochrome P-450. <i>Toxicology and Applied Pharmacology</i> , 1980 , 55, 393-402	4.6	213
426	Cadmium toxicity and lipid peroxidation in isolated rat hepatocytes. <i>Toxicology and Applied Pharmacology</i> , 1980 , 53, 470-80	4.6	211
425	Introducing the "TCDD-inducible AhR-Nrf2 gene battery". <i>Toxicological Sciences</i> , 2009 , 111, 238-46	4.4	205
424	Overexpression of glutathione S-transferase II and multidrug resistance transport proteins is associated with acquired tolerance to inorganic arsenic. <i>Molecular Pharmacology</i> , 2001 , 60, 302-9	4.3	204

423	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 300, 97-104	4.7	198
422	Quantitative-profiling of bile acids and their conjugates in mouse liver, bile, plasma, and urine using LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 873, 209-17	3.2	192
421	NF-E2-related factor 2 inhibits lipid accumulation and oxidative stress in mice fed a high-fat diet. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 325, 655-64	4.7	190
420	Coordinated regulation of hepatic phase I and II drug-metabolizing genes and transporters using AhR-, CAR-, PXR-, PPAR γ and Nrf2-null mice. <i>Drug Metabolism and Disposition</i> , 2012 , 40, 1366-79	4	185
419	Protective effect of metallothionein against the toxicity of cadmium and other metals(1). <i>Toxicology</i> , 2001 , 163, 93-100	4.4	178
418	Comparison of the biochemical alterations elicited in livers from rats treated with carbon tetrachloride, chloroform, 1,1,2-trichloroethane and 1,1,1-trichloroethane. <i>Biochemical Pharmacology</i> , 1969 , 18, 2019-27	6	178
417	Tissue distribution and hepatic and renal ontogeny of the multidrug resistance-associated protein (Mrp) family in mice. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 947-55	4	172
416	Gender-specific and developmental influences on the expression of rat organic anion transporters. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 301, 145-51	4.7	166
415	Metallothioneins in brain--the role in physiology and pathology. <i>Toxicology and Applied Pharmacology</i> , 1997 , 142, 229-42	4.6	164
414	Tissue distribution and ontogeny of sulfotransferase enzymes in mice. <i>Toxicological Sciences</i> , 2006 , 93, 242-55	4.4	161
413	Tissue distribution and hormonal regulation of the breast cancer resistance protein (Bcrp/Abcg2) in rats and mice. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 326, 181-7	3.4	160
412	Relative effects of various chlorinated hydrocarbons on liver and kidney function in mice. <i>Toxicology and Applied Pharmacology</i> , 1966 , 9, 139-51	4.6	155
411	UDP-glucuronosyltransferase inducers reduce thyroid hormone levels in rats by an extrathyroidal mechanism. <i>Toxicology and Applied Pharmacology</i> , 1992 , 113, 36-42	4.6	152
410	Constitutive expression of various xenobiotic and endobiotic transporter mRNAs in the choroid plexus of rats. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 1337-45	4	145
409	Glucose and insulin induction of bile acid synthesis: mechanisms and implication in diabetes and obesity. <i>Journal of Biological Chemistry</i> , 2012 , 287, 1861-73	5.4	141
408	Tissue- and gender-specific mRNA expression of UDP-glucuronosyltransferases (UGTs) in mice. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 121-7	4	141
407	Tissue distribution and ontogeny of mouse organic anion transporting polypeptides (Oatps). <i>Drug Metabolism and Disposition</i> , 2005 , 33, 1062-73	4	140
406	Toxicity and distribution of cadmium administered to rats at sublethal doses. <i>Toxicology and Applied Pharmacology</i> , 1977 , 41, 667-80	4.6	139

405	Transcriptional regulation of renal cytoprotective genes by Nrf2 and its potential use as a therapeutic target to mitigate cisplatin-induced nephrotoxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 2-12	4.7	138
404	Oxidative stress and the pathogenesis of cholestasis. <i>Seminars in Liver Disease</i> , 2010 , 30, 195-204	7.3	137
403	Oleanolic acid activates Nrf2 and protects from acetaminophen hepatotoxicity via Nrf2-dependent and Nrf2-independent processes. <i>Biochemical Pharmacology</i> , 2009 , 77, 1273-82	6	137
402	Enhanced expression of Nrf2 in mice attenuates the fatty liver produced by a methionine- and choline-deficient diet. <i>Toxicology and Applied Pharmacology</i> , 2010 , 245, 326-34	4.6	136
401	Intestinal absorption of cadmium is associated with divalent metal transporter 1 in rats. <i>Toxicological Sciences</i> , 2002 , 68, 288-94	4.4	136
400	Zinc-induced tolerance to cadmium hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 1984 , 74, 299-307	4.7	135
399	Relative in vitro affinity of hepatic metallothionein for metals. <i>Toxicology Letters</i> , 1984 , 20, 33-9	4.4	135
398	Circadian expression profiles of drug-processing genes and transcription factors in mouse liver. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 106-15	4	130
397	Altered subcellular distribution of cadmium following cadmium pretreatment: possible mechanism of tolerance to cadmium-induced lethality. <i>Toxicology and Applied Pharmacology</i> , 1983 , 70, 195-203	4.6	130
396	Review: Mechanisms of How the Intestinal Microbiota Alters the Effects of Drugs and Bile Acids. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1505-21	4	129
395	Characterization of organic anion transporting polypeptide 1b2-null mice: essential role in hepatic uptake/toxicity of phalloidin and microcystin-LR. <i>Toxicological Sciences</i> , 2008 , 103, 35-45	4.4	129
394	Tissue distribution and chemical induction of multiple drug resistance genes in rats. <i>Drug Metabolism and Disposition</i> , 2002 , 30, 838-44	4	129
393	Lipopolysaccharide-mediated regulation of hepatic transporter mRNA levels in rats. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 734-41	4	126
392	Testicular toxicity of di-(2-ethylhexyl)phthalate in young Sprague-Dawley rats. <i>Toxicology</i> , 2002 , 171, 105-15	4.4	125
391	Tissue distribution and gender-divergent expression of 78 cytochrome P450 mRNAs in mice. <i>Toxicological Sciences</i> , 2011 , 124, 261-77	4.4	124
390	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. <i>Toxicological Sciences</i> , 2009 , 108, 35-47	4.4	124
389	Induction of Mrp3 and Mrp4 transporters during acetaminophen hepatotoxicity is dependent on Nrf2. <i>Toxicology and Applied Pharmacology</i> , 2008 , 226, 74-83	4.6	122
388	Rat and mouse differences in gender-predominant expression of organic anion transporter (Oat1-3; Slc22a6-8) mRNA levels. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 620-5	4	122

387	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 alpha, and nuclear factor erythroid 2-related factor 2. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 847-56	4	121
386	Effect of bile duct ligation on bile acid composition in mouse serum and liver. <i>Liver International</i> , 2012 , 32, 58-69	7.9	119
385	The flame retardants, polybrominated diphenyl ethers, are pregnane X receptor activators. <i>Toxicological Sciences</i> , 2007 , 97, 94-102	4.4	118
384	Protection of carbon tetrachloride-induced hepatotoxicity by zinc: role of metallothionein. <i>Toxicology and Applied Pharmacology</i> , 1979 , 51, 107-16	4.6	118
383	Role of metallothionein in cadmium-induced hepatotoxicity and nephrotoxicity. <i>Drug Metabolism Reviews</i> , 1997 , 29, 79-102	7	117
382	Induction of rat organic anion transporting polypeptide 2 by pregnenolone-16alpha-carbonitrile is via interaction with pregnane X receptor. <i>Molecular Pharmacology</i> , 2002 , 61, 832-9	4.3	117
381	Tissue distribution and ontogeny of organic cation transporters in mice. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 477-82	4	115
380	Dietary iron regulates intestinal cadmium absorption through iron transporters in rats. <i>Toxicology Letters</i> , 2004 , 152, 19-25	4.4	114
379	Comparison of the effectiveness of several chelators after single administration on the toxicity, excretion, and distribution of cadmium. <i>Toxicology and Applied Pharmacology</i> , 1981 , 58, 452-60	4.6	110
378	Nrf2 protection against liver injury produced by various hepatotoxicants. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 305861	6.7	108
377	The presence of xenobiotic transporters in rat placenta. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 153-67	4	108
376	Human PXR modulates hepatotoxicity associated with rifampicin and isoniazid co-therapy. <i>Nature Medicine</i> , 2013 , 19, 418-20	50.5	107
375	Effects of feeding bile acids and a bile acid sequestrant on hepatic bile acid composition in mice. <i>Journal of Lipid Research</i> , 2010 , 51, 3230-42	6.3	107
374	Regulation of mouse organic anion-transporting polypeptides (Oatps) in liver by prototypical microsomal enzyme inducers that activate distinct transcription factor pathways. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 1276-82	4	107
373	Nrf2 activation prevents cadmium-induced acute liver injury. <i>Toxicology and Applied Pharmacology</i> , 2012 , 263, 14-20	4.6	106
372	Tissue distribution, ontogeny, and regulation of aldehyde dehydrogenase (Aldh) enzymes mRNA by prototypical microsomal enzyme inducers in mice. <i>Toxicological Sciences</i> , 2008 , 101, 51-64	4.4	106
371	The relationship of metallothionein to the toxicity of cadmium after prolonged oral administration to rats. <i>Toxicology and Applied Pharmacology</i> , 1978 , 46, 39-54	4.6	106
370	Role of Nrf2 in preventing ethanol-induced oxidative stress and lipid accumulation. <i>Toxicology and Applied Pharmacology</i> , 2012 , 262, 321-9	4.6	105

369	Differential expression of mouse hepatic transporter genes in response to acetaminophen and carbon tetrachloride. <i>Toxicological Sciences</i> , 2005 , 83, 44-52	4.4	105
368	Hepatic phase I and phase II biotransformations in quail and trout: comparison to other species commonly used in toxicity testing. <i>Toxicology and Applied Pharmacology</i> , 1983 , 67, 430-41	4.6	103
367	Effect of graded Nrf2 activation on phase-I and -II drug metabolizing enzymes and transporters in mouse liver. <i>PLoS ONE</i> , 2012 , 7, e39006	3.7	103
366	Induction of drug-metabolizing enzymes by garlic and allyl sulfide compounds via activation of constitutive androstane receptor and nuclear factor E2-related factor 2. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 995-1000	4	102
365	Biliary excretion of drugs in man. <i>Clinical Pharmacokinetics</i> , 1979 , 4, 368-79	6.2	101
364	Xenobiotic transporters: ascribing function from gene knockout and mutation studies. <i>Toxicological Sciences</i> , 2008 , 101, 186-96	4.4	100
363	Inhibition of lipid peroxidation without prevention of cellular injury in isolated rat hepatocytes. <i>Toxicology and Applied Pharmacology</i> , 1981 , 58, 8-18	4.6	100
362	Diurnal variation of hepatic antioxidant gene expression in mice. <i>PLoS ONE</i> , 2012 , 7, e44237	3.7	99
361	Dose-response of five bile acids on serum and liver bile Acid concentrations and hepatotoxicity in mice. <i>Toxicological Sciences</i> , 2011 , 123, 359-67	4.4	97
360	Metallothionein (MT)-null mice are sensitive to cisplatin-induced hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 1998 , 149, 24-31	4.6	97
359	Nuclear receptor, pregnane X receptor, is required for induction of UDP-glucuronosyltransferases in mouse liver by pregnenolone-16 alpha-carbonitrile. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 908-15 ⁴		97
358	The effect of Chinese hepatoprotective medicines on experimental liver injury in mice. <i>Journal of Ethnopharmacology</i> , 1994 , 42, 183-91	5	96
357	Comparison of the effects of metals on cellular injury and lipid peroxidation in isolated rat hepatocytes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1981 , 7, 139-47	3.2	96
356	Induction studies on the functional heterogeneity of rat liver UDP-glucuronosyltransferases. <i>Toxicology and Applied Pharmacology</i> , 1982 , 64, 439-46	4.6	96
355	Tissue distribution, gender-divergent expression, ontogeny, and chemical induction of multidrug resistance transporter genes (Mdr1a, Mdr1b, Mdr2) in mice. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 203-10	4	94
354	Molecular targets of epigenetic regulation and effectors of environmental influences. <i>Toxicology and Applied Pharmacology</i> , 2010 , 245, 378-93	4.6	94
353	Time course of cadmium-induced ultrastructural changes in rat liver. <i>Toxicology and Applied Pharmacology</i> , 1984 , 76, 150-60	4.6	94
352	Effects of microsomal enzyme inducers on thyroid-follicular cell proliferation, hyperplasia, and hypertrophy. <i>Toxicology and Applied Pharmacology</i> , 1999 , 160, 163-70	4.6	92

351	Tolerance to cadmium-induced hepatotoxicity following cadmium pretreatment. <i>Toxicology and Applied Pharmacology</i> , 1984 , 74, 308-13	4.6	91
350	Relative effects of various chlorinated hydrocarbons on liver and kidney function in dogs. <i>Toxicology and Applied Pharmacology</i> , 1967 , 10, 119-31	4.6	91
349	Compensatory induction of liver efflux transporters in response to ANIT-induced liver injury is impaired in FXR-null mice. <i>Toxicological Sciences</i> , 2009 , 110, 47-60	4.4	90
348	Increase in hepatic metallothionein in rats treated with alkylating agents. <i>Toxicology and Applied Pharmacology</i> , 1979 , 51, 19-27	4.6	90
347	CDDO-Im protects from acetaminophen hepatotoxicity through induction of Nrf2-dependent genes. <i>Toxicology and Applied Pharmacology</i> , 2009 , 236, 109-14	4.6	87
346	Nrf2- and PPAR alpha-mediated regulation of hepatic Mrp transporters after exposure to perfluorooctanoic acid and perfluorodecanoic acid. <i>Toxicological Sciences</i> , 2008 , 106, 319-28	4.4	86
345	Susceptibility of MT-Null Mice to Chronic CdCl ₂ -Induced Nephrotoxicity Indicates That Renal Injury Is Not Mediated by the CdMT Complex. <i>Toxicological Sciences</i> , 1998 , 46, 197-203	4.4	86
344	ANIT-induced intrahepatic cholestasis alters hepatobiliary transporter expression via Nrf2-dependent and independent signaling. <i>Toxicological Sciences</i> , 2009 , 108, 247-57	4.4	85
343	Induction of metallothionein mRNA and protein in murine astrocyte cultures. <i>Toxicology and Applied Pharmacology</i> , 1996 , 136, 94-100	4.6	85
342	Impaired generation of 12-hydroxylated bile acids links hepatic insulin signaling with dyslipidemia. <i>Cell Metabolism</i> , 2012 , 15, 65-74	24.6	84
341	Organic anion-transporting polypeptide 1b2 (Oatp1b2) is important for the hepatic uptake of unconjugated bile acids: Studies in Oatp1b2-null mice. <i>Hepatology</i> , 2011 , 53, 272-81	11.2	84
340	Comparison of methods for estimating hepatic metallothionein in rats. <i>Toxicology and Applied Pharmacology</i> , 1977 , 42, 583-8	4.6	84
339	Effects of microsomal enzyme inducers on thyroid follicular cell proliferation and thyroid hormone metabolism. <i>Toxicologic Pathology</i> , 2001 , 29, 34-40	2.1	83
338	Metallothionein transgenic and knock-out mouse models in the study of cadmium toxicity. <i>Journal of Toxicological Sciences</i> , 1998 , 23 Suppl 2, 97-102	1.9	83
337	The effects of 10 triterpenoid compounds on experimental liver injury in mice. <i>Fundamental and Applied Toxicology</i> , 1994 , 22, 34-40		83
336	Changes in hepatic glutathione concentration modify cadmium-induced hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 1984 , 72, 530-8	4.6	82
335	Chronic combined exposure to cadmium and arsenic exacerbates nephrotoxicity, particularly in metallothionein-I/II null mice. <i>Toxicology</i> , 2000 , 147, 157-66	4.4	81
334	Th2 skewing by activation of Nrf2 in CD4(+) T cells. <i>Journal of Immunology</i> , 2012 , 188, 1630-7	5.3	80

333	Tissue expression, ontogeny, and inducibility of rat organic anion transporting polypeptide 4. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 301, 551-60	4-7	80
332	Regulation of Hepatic Drug-Metabolizing Enzymes in Germ-Free Mice by Conventionalization and Probiotics. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 262-74	4	79
331	Diurnal variations of mouse plasma and hepatic bile acid concentrations as well as expression of biosynthetic enzymes and transporters. <i>PLoS ONE</i> , 2011 , 6, e16683	3-7	79
330	Nuclear factor erythroid 2-related factor 2 deletion impairs glucose tolerance and exacerbates hyperglycemia in type 1 diabetic mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 140-51	4-7	79
329	Three patterns of cytochrome P450 gene expression during liver maturation in mice. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 116-21	4	78
328	RNA-Seq Quantification of Hepatic Drug Processing Genes in Germ-Free Mice. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1572-80	4	77
327	Dosage-dependent disposition of cadmium administered orally to rats. <i>Toxicology and Applied Pharmacology</i> , 1986 , 84, 159-67	4.6	77
326	Effect of various antibiotics on modulation of intestinal microbiota and bile acid profile in mice. <i>Toxicology and Applied Pharmacology</i> , 2014 , 277, 138-45	4.6	76
325	Regulation of sulfotransferase enzymes by prototypical microsomal enzyme inducers in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 612-21	4-7	75
324	Tolerance to cadmium-induced toxicity depends on presynthesized metallothionein in liver. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1984 , 14, 803-12	3-2	75
323	Uptake of bile acids by isolated rat hepatocytes. <i>Biochemical Pharmacology</i> , 1982 , 31, 211-6	6	75
322	Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice. <i>Toxicological Sciences</i> , 2007 , 100, 513-24	4.4	74
321	Chemical modulation of metallothionein I and III mRNA in mouse brain. <i>Neurochemistry International</i> , 1995 , 27, 43-58	4.4	73
320	Metallothionein-I and -II knock-out mice are sensitive to cadmium-induced liver mRNA expression of c-jun and p53. <i>Toxicology and Applied Pharmacology</i> , 1996 , 136, 229-35	4.6	73
319	Relationship between liver and kidney levels of glutathione and metallothionein in rats. <i>Toxicology</i> , 1981 , 19, 39-47	4.4	73
318	Regulation of metal transporters by dietary iron, and the relationship between body iron levels and cadmium uptake. <i>Archives of Toxicology</i> , 2007 , 81, 327-34	5.8	72
317	Bromobenzene-induced hepatotoxicity at the transcriptome level. <i>Toxicological Sciences</i> , 2004 , 79, 411-224	4.4	71
316	Cadmium absorption and its relationship to divalent metal transporter-1 in the pregnant rat. <i>Toxicology and Applied Pharmacology</i> , 2002 , 185, 18-24	4.6	70

315	Regulation of rat multidrug resistance protein 2 by classes of prototypical microsomal enzyme inducers that activate distinct transcription pathways. <i>Toxicological Sciences</i> , 2002 , 67, 182-9	4.4	70
314	Altered disposition of acetaminophen in Nrf2-null and Keap1-knockdown mice. <i>Toxicological Sciences</i> , 2009 , 109, 31-40	4.4	69
313	Decreased effectiveness of chelation therapy with time after acute cadmium poisoning. <i>Toxicology and Applied Pharmacology</i> , 1982 , 63, 173-80	4.6	69
312	Repeated administration of berberine inhibits cytochromes P450 in humans. <i>European Journal of Clinical Pharmacology</i> , 2012 , 68, 213-7	2.8	68
311	Perfluorocarboxylic acids induce cytochrome P450 enzymes in mouse liver through activation of PPAR-alpha and CAR transcription factors. <i>Toxicological Sciences</i> , 2008 , 106, 29-36	4.4	68
310	Metallothionein-null mice are highly susceptible to the hematotoxic and immunotoxic effects of chronic CdCl ₂ exposure. <i>Toxicology and Applied Pharmacology</i> , 1999 , 159, 98-108	4.6	68
309	Acute CdMT injection is not a good model to study chronic Cd nephropathy: comparison of chronic CdCl ₂ and CdMT exposure with acute CdMT injection in rats. <i>Toxicology and Applied Pharmacology</i> , 1998 , 153, 48-58	4.6	67
308	Multidrug-resistance mdr1a/1b double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues. <i>Toxicology</i> , 2002 , 170, 55-62	4.4	67
307	Studies on the pregnenolone-16 alpha-carbonitrile-inducible form of rat liver microsomal cytochrome P-450 and UDP-glucuronosyltransferase. <i>Biochemical Pharmacology</i> , 1987 , 36, 3859-66	6	67
306	Regulation of sulfotransferase mRNA expression in male and female rats of various ages. <i>Chemico-Biological Interactions</i> , 1998 , 109, 299-313	5	65
305	Regulation of hepatic bile acid transporters Ntcp and Bsep expression. <i>Biochemical Pharmacology</i> , 2007 , 74, 1665-76	6	65
304	Importance of hepatic induction of constitutive androstane receptor and other transcription factors that regulate xenobiotic metabolism and transport. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 1806-15	4	65
303	Screening of natural compounds as activators of the Keap1-Nrf2 pathway. <i>Planta Medica</i> , 2014 , 80, 97-104	5.1	64
302	Induction of hepatic transporters multidrug resistance-associated proteins (Mrp) 3 and 4 by clofibrate is regulated by peroxisome proliferator-activated receptor alpha. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 317, 537-45	4.7	64
301	Regulation of mRNA expression of xenobiotic transporters by the pregnane X receptor in mouse liver, kidney, and intestine. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1863-7	4	64
300	Increase in rat liver UDP-glucuronosyltransferase mRNA by microsomal enzyme inducers that enhance thyroid hormone glucuronidation. <i>Drug Metabolism and Disposition</i> , 2002 , 30, 240-6	4	63
299	Effect of diet on expression of genes involved in lipid metabolism, oxidative stress, and inflammation in mouse liver-insights into mechanisms of hepatic steatosis. <i>PLoS ONE</i> , 2014 , 9, e88584	3.7	63
298	Biliary excretion of metals. <i>Drug Metabolism Reviews</i> , 1976 , 5, 165-96	7	62

297	Identification of chemical modulators of the constitutive activated receptor (CAR) in a gene expression compendium. <i>Nuclear Receptor Signaling</i> , 2015 , 13, e002	1	61
296	Induction of hepatic glutathione S-transferases in male mice by prototypes of various classes of microsomal enzyme inducers. <i>Toxicological Sciences</i> , 2008 , 106, 329-38	4.4	61
295	Induction of metallothionein mRNA and protein in primary murine neuron cultures. <i>Toxicology and Applied Pharmacology</i> , 1996 , 141, 1-7	4.6	61
294	Dynamic patterns of histone methylation are associated with ontogenic expression of the Cyp3a genes during mouse liver maturation. <i>Molecular Pharmacology</i> , 2009 , 75, 1171-9	4.3	60
293	Induction of T(4) UDP-GT activity, serum thyroid stimulating hormone, and thyroid follicular cell proliferation in mice treated with microsomal enzyme inducers. <i>Toxicology and Applied Pharmacology</i> , 2003 , 188, 6-13	4.6	60
292	Induction profile of rat organic anion transporting polypeptide 2 (oatp2) by prototypical drug-metabolizing enzyme inducers that activate gene expression through ligand-activated transcription factor pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 300, 206-12	4.7	60
291	Acute cadmium exposure induces stress-related gene expression in wild-type and metallothionein-I/II-null mice. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 525-35	7.8	59
290	High-performance liquid chromatographic analysis of glutathione and its thiol and disulfide degradation products. <i>Biomedical Applications</i> , 1986 , 381, 259-70		59
289	Resistance to cadmium-induced hepatotoxicity in immature rats. <i>Toxicology and Applied Pharmacology</i> , 1984 , 74, 321-9	4.6	59
288	Importance of Large Intestine in Regulating Bile Acids and Glucagon-Like Peptide-1 in Germ-Free Mice. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1544-56	4	58
287	Nrf2 deficiency improves glucose tolerance in mice fed a high-fat diet. <i>Toxicology and Applied Pharmacology</i> , 2012 , 264, 305-14	4.6	58
286	Hepatic ischemia-reperfusion induces renal heme oxygenase-1 via NF-E2-related factor 2 in rats and mice. <i>Molecular Pharmacology</i> , 2007 , 71, 817-25	4.3	58
285	Regulation of transporter expression in mouse liver, kidney, and intestine during extrahepatic cholestasis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 637-47	3.8	58
284	Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis. <i>Toxicology and Applied Pharmacology</i> , 2011 , 256, 122-35	4.6	57
283	Tissue distribution, ontogeny, and hormonal regulation of xenobiotic transporters in mouse kidneys. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 2178-85	4	57
282	Induction of multidrug resistance protein 3 (mrp3) in vivo is independent of constitutive androstane receptor. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 1315-9	4	57
281	Effects of microsomal enzyme inducers on outer-ring deiodinase activity toward thyroid hormones in various rat tissues. <i>Toxicology and Applied Pharmacology</i> , 2000 , 163, 240-8	4.6	57
280	Plasma disappearance and biliary excretion of indocyanine green in rats, rabbits, and dogs. <i>Toxicology and Applied Pharmacology</i> , 1969 , 15, 374-84	4.6	57

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265	Coordinated induction of Nrf2 target genes protects against iron nitrilotriacetate (FeNTA)-induced nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2008 , 231, 364-73	4.6	53
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258	Transient induction of hepatic metallothionein following oral ethanol administration. <i>Toxicology and Applied Pharmacology</i> , 1984 , 74, 230-6	4.6	52
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