

Albert Braeuning

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74
papers

1,806
citations

25
h-index

38
g-index

81
ext. papers

2,192
ext. citations

5.1
avg, IF

5.01
L-index

#	Paper	IF	Citations
74	Differential gene expression in periportal and perivenous mouse hepatocytes. <i>FEBS Journal</i> , 2006 , 273, 5051-61	5.7	156
73	Zonal gene expression in murine liver: lessons from tumors. <i>Hepatology</i> , 2006 , 43, 407-14	11.2	118
72	T-cell factor 4 and β catenin chromatin occupancies pattern zonal liver metabolism in mice. <i>Hepatology</i> , 2014 , 59, 2344-57	11.2	95
71	Inducibility of drug-metabolizing enzymes by xenobiotics in mice with liver-specific knockout of <i>Cttnb1</i> . <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1138-45	4	68
70	Coordinate regulation of cytochrome P450 1a1 expression in mouse liver by the aryl hydrocarbon receptor and the beta-catenin pathway. <i>Toxicological Sciences</i> , 2011 , 122, 16-25	4.4	57
69	Comparative analysis of 3D culture methods on human HepG2 cells. <i>Archives of Toxicology</i> , 2017 , 91, 393-406	5.8	56
68	Phenobarbital induces cell cycle transcriptional responses in mouse liver humanized for constitutive androstane and pregnane x receptors. <i>Toxicological Sciences</i> , 2014 , 139, 501-11	4.4	54
67	Wnt/beta-catenin signaling activates and determines hepatic zonal expression of glutathione S-transferases in mouse liver. <i>Toxicological Sciences</i> , 2010 , 115, 22-33	4.4	51
66	Tumor formation in liver of conditional β catenin-deficient mice exposed to a diethylnitrosamine/phenobarbital tumor promotion regimen. <i>Carcinogenesis</i> , 2011 , 32, 52-7	4.6	49
65	Phenobarbital-mediated tumor promotion in transgenic mice with humanized CAR and PXR. <i>Toxicological Sciences</i> , 2014 , 140, 259-70	4.4	42
64	Serum components and activated Ha-ras antagonize expression of perivenous marker genes stimulated by beta-catenin signaling in mouse hepatocytes. <i>FEBS Journal</i> , 2007 , 274, 4766-77	5.7	37
63	Zonal gene expression in mouse liver resembles expression patterns of Ha-ras and beta-catenin mutated hepatomas. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 503-7	4	37
62	Adverse Outcome Pathway-Driven Analysis of Liver Steatosis in Vitro: A Case Study with Cyproconazole. <i>Chemical Research in Toxicology</i> , 2018 , 31, 784-798	4	34
61	Phenotype and growth behavior of residual β catenin-positive hepatocytes in livers of β catenin-deficient mice. <i>Histochemistry and Cell Biology</i> , 2010 , 134, 469-81	2.4	33
60	Hepatotoxic effects of cyproconazole and prochloraz in wild-type and hCAR/hPXR mice. <i>Archives of Toxicology</i> , 2017 , 91, 2895-2907	5.8	32
59	Proteomic analysis of 3-MCPD and 3-MCPD dipalmitate toxicity in rat testis. <i>Food and Chemical Toxicology</i> , 2015 , 83, 84-92	4.7	31
58	Gender-specific interplay of signaling through β catenin and CAR in the regulation of xenobiotic-induced hepatocyte proliferation. <i>Toxicological Sciences</i> , 2011 , 123, 113-22	4.4	31

57	Proteomic analysis of 3-MCPD and 3-MCPD dipalmitate-induced toxicity in rat kidney. <i>Archives of Toxicology</i> , 2016 , 90, 1437-48	5.8	30
56	In vivo distribution of nanosilver in the rat: The role of ions and de novo-formed secondary particles. <i>Food and Chemical Toxicology</i> , 2016 , 97, 327-335	4.7	28
55	Paradoxical cytotoxicity of tert-butylhydroquinone in vitro: What kills the untreated cells?. <i>Archives of Toxicology</i> , 2012 , 86, 1481-7	5.8	28
54	beta-Catenin as a multilayer modulator of zonal cytochrome P450 expression in mouse liver. <i>Biological Chemistry</i> , 2010 , 391, 139-148	4.5	28
53	Regulation of cytochrome P450 expression by Ras- and beta-catenin-dependent signaling. <i>Current Drug Metabolism</i> , 2009 , 10, 138-58	3.5	28
52	Activating and Inhibitory Functions of WNT/βCatenin in the Induction of Cytochromes P450 by Nuclear Receptors in HepaRG Cells. <i>Molecular Pharmacology</i> , 2015 , 87, 1013-20	4.3	27
51	It takes more than a coating to get nanoparticles through the intestinal barrier in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 118, 21-29	5.7	25
50	Pregnane X receptor mediates steatotic effects of propiconazole and tebuconazole in human liver cell lines. <i>Archives of Toxicology</i> , 2019 , 93, 1311-1322	5.8	25
49	Signal integration by the CYP1A1 promoter--a quantitative study. <i>Nucleic Acids Research</i> , 2015 , 43, 5318-20.1	3.1	24
48	Proteomic responses of human intestinal Caco-2 cells exposed to silver nanoparticles and ionic silver. <i>Journal of Applied Toxicology</i> , 2016 , 36, 404-13	4.1	24
47	Physiologically-based modelling in mice suggests an aggravated loss of clearance capacity after toxic liver damage. <i>Scientific Reports</i> , 2017 , 7, 6224	4.9	23
46	The pyrrolizidine alkaloid senecionine induces CYP-dependent destruction of sinusoidal endothelial cells and cholestasis in mice. <i>Archives of Toxicology</i> , 2020 , 94, 219-229	5.8	23
45	The Connection of Azole Fungicides with Xeno-Sensing Nuclear Receptors, Drug Metabolism and Hepatotoxicity. <i>Cells</i> , 2020 , 9,	7.9	22
44	Regulation of Drug Metabolism by the Interplay of Inflammatory Signaling, Steatosis, and Xeno-Sensing Receptors in HepaRG Cells. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 326-335	4	22
43	The time point of βcatenin knockout in hepatocytes determines their response to xenobiotic activation of the constitutive androstane receptor. <i>Toxicology</i> , 2013 , 308, 113-21	4.4	22
42	An adverse outcome pathway-based approach to assess steatotic mixture effects of hepatotoxic pesticides in vitro. <i>Food and Chemical Toxicology</i> , 2020 , 139, 111283	4.7	22
41	Unexpected Effects of Propiconazole, Tebuconazole, and Their Mixture on the Receptors CAR and PXR in Human Liver Cells. <i>Toxicological Sciences</i> , 2018 , 163, 170-181	4.4	21
40	Analysis of 3-MCPD- and 3-MCPD dipalmitate-induced proteomic changes in rat liver. <i>Food and Chemical Toxicology</i> , 2015 , 86, 374-84	4.7	21

39	Phenotype of single hepatocytes expressing an activated version of β catenin in liver of transgenic mice. <i>Journal of Molecular Histology</i> , 2011 , 42, 393-400	3.3	21
38	Cooperation of structurally different aryl hydrocarbon receptor agonists and β catenin in the regulation of CYP1A expression. <i>Toxicology</i> , 2014 , 325, 31-41	4.4	20
37	The glycogen synthase kinase inhibitor 3-(2,4-dichlorophenyl)-4-(1-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione (SB216763) is a partial agonist of the aryl hydrocarbon receptor. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1576-80	4	19
36	The nuclear factor κ B inhibitor (E)-2-fluoro-4-methoxystilbene inhibits firefly luciferase. <i>Bioscience Reports</i> , 2012 , 32, 531-7	4.1	19
35	The azole fungicide tebuconazole affects human CYP1A1 and CYP1A2 expression by an aryl hydrocarbon receptor-dependent pathway. <i>Food and Chemical Toxicology</i> , 2019 , 123, 481-491	4.7	19
34	Hepatotoxicity of the pesticides imazalil, thiacloprid and clothianidin - Individual and mixture effects in a 28-day study in female Wistar rats. <i>Food and Chemical Toxicology</i> , 2020 , 140, 111306	4.7	16
33	Tumor promotion and inhibition by phenobarbital in livers of conditional Apc-deficient mice. <i>Archives of Toxicology</i> , 2016 , 90, 1481-94	5.8	16
32	Zonation of heme synthesis enzymes in mouse liver and their regulation by β catenin and Ha-ras. <i>Biological Chemistry</i> , 2010 , 391, 1305-13	4.5	16
31	Cross-species analysis of hepatic cytochrome P450 and transport protein expression. <i>Archives of Toxicology</i> , 2021 , 95, 117-133	5.8	16
30	Mixture effects of chemicals: The difficulty to choose appropriate mathematical models for appropriate conclusions. <i>Environmental Pollution</i> , 2020 , 260, 113953	9.3	15
29	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. <i>Archives of Toxicology</i> , 2020 , 94, 205-217	5.8	15
28	Coordinate regulation of Cyp2e1 by β catenin- and hepatocyte nuclear factor 1-dependent signaling. <i>Toxicology</i> , 2016 , 350-352, 40-8	4.4	11
27	Comparative proteomic analysis of silver nanoparticle effects in human liver and intestinal cells. <i>Journal of Applied Toxicology</i> , 2018 , 38, 638-648	4.1	10
26	Propiconazole is an activator of AHR and causes concentration additive effects with an established AHR ligand. <i>Archives of Toxicology</i> , 2018 , 92, 3471-3486	5.8	10
25	Hepatotoxic pyrrolizidine alkaloids induce DNA damage response in rat liver in a 28-day feeding study. <i>Archives of Toxicology</i> , 2020 , 94, 1739-1751	5.8	9
24	Comparative Analysis and Functional Characterization of HC-AFW1 Hepatocarcinoma Cells: Cytochrome P450 Expression and Induction by Nuclear Receptor Agonists. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1781-7	4	8
23	Chemically induced mouse liver tumors are resistant to treatment with atorvastatin. <i>BMC Cancer</i> , 2014 , 14, 766	4.8	8
22	Synergistic effects of β catenin inhibitors and sorafenib in hepatoma cells. <i>Anticancer Research</i> , 2014 , 34, 4677-83	2.3	7

21	Combinations of LXR and RXR agonists induce triglyceride accumulation in human HepaRG cells in a synergistic manner. <i>Archives of Toxicology</i> , 2020 , 94, 1303-1320	5.8	6
20	Identification of a transcriptomic signature of food-relevant genotoxins in human HepaRG hepatocarcinoma cells. <i>Food and Chemical Toxicology</i> , 2020 , 140, 111297	4.7	6
19	Ecaterin signaling, the constitutive androstane receptor and their mutual interactions. <i>Archives of Toxicology</i> , 2020 , 94, 3983-3991	5.8	6
18	More than additive effects on liver triglyceride accumulation by combinations of steatotic and non-steatotic pesticides in HepaRG cells. <i>Archives of Toxicology</i> , 2021 , 95, 1397-1411	5.8	6
17	Application of HC-AFW1 Hepatocarcinoma Cells for Mechanistic Studies: Regulation of Cytochrome P450 2B6 Expression by Dimethyl Sulfoxide and Early Growth Response 1. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1727-33	4	5
16	Inhibition of Ecaterin signaling by phenobarbital in hepatoma cells in vitro. <i>Toxicology</i> , 2016 , 370, 94-105	4.4	5
15	Rex3 (reduced in expression 3) as a new tumor marker in mouse hepatocarcinogenesis. <i>Toxicology</i> , 2006 , 227, 127-35	4.4	5
14	Array-based Western-blotting reveals spatial differences in hepatic signaling and metabolism following CAR activation. <i>Archives of Toxicology</i> , 2020 , 94, 1265-1278	5.8	4
13	Disturbance of firefly luciferase-based bioassays by different aluminum species. <i>Analytical Biochemistry</i> , 2016 , 504, 27-9	3.1	4
12	Interplay of Ecaterin with xenobiotic-sensing receptors and its role in glutathione S-transferase expression. <i>Current Drug Metabolism</i> , 2012 , 13, 203-14	3.5	4
11	Stilbene compound trans-3,4,5,4-tetramethoxystilbene, a potential anticancer drug, regulates constitutive androstane receptor (Car) target genes, but does not possess proliferative activity in mouse liver. <i>Toxicology Letters</i> , 2019 , 313, 1-10	4.4	3
10	Transcriptomic effect marker patterns of genotoxins - a comparative study with literature data. <i>Journal of Applied Toxicology</i> , 2020 , 40, 448-457	4.1	3
9	Mouse Hepatomas with and Mutations Differ in Mitogen-Activated Protein Kinase Signaling and Response to Constitutive Androstane Receptor Activation. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 1462-1465	4	2
8	Transcriptomics analysis of hepatotoxicity induced by the pesticides imazalil, thiacloprid and clothianidin alone or in binary mixtures in a 28-day study in female Wistar rats. <i>Archives of Toxicology</i> , 2021 , 95, 1039-1053	5.8	2
7	Investigating the in vitro steatotic mixture effects of similarly and dissimilarly acting test compounds using an adverse outcome pathway-based approach. <i>Archives of Toxicology</i> , 2021 ,	5.8	1
6	Off-target lipid metabolism disruption by the mouse constitutive androstane receptor ligand TCPOBOP in humanized mice.. <i>Biochemical Pharmacology</i> , 2021 , 114905	6	1
5	An eight-compound mixture but not corresponding concentrations of individual chemicals induces triglyceride accumulation in human liver cells. <i>Toxicology</i> , 2021 , 459, 152857	4.4	0
4	A targeted transcriptomics approach for the determination of mixture effects of pesticides. <i>Toxicology</i> , 2021 , 460, 152892	4.4	0

- 3 An approach for mixture testing and prioritization based on common kinetic groups.. *Archives of Toxicology*, **2022**, 1 5.8 ○
- 2 Metabolism of the lipophilic phycotoxin 13-Desmethylspirolide C using human and rat in vitro liver models. *Toxicology Letters*, **2019**, 307, 17-25 4.4
- 1 Reply.. *Hepatology*, **2006**, 44, 512-513 11.2