Bhupendra S Kaphalia

List of Publications by Year
in descending order

45	956	430874 18	454955 30
papers	citations	h-index	g-index

46	46	46	1126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fatty acid ethyl ester synthase inhibition ameliorates ethanol-induced Ca²⁺-dependent mitochondrial dysfunction and acute pancreatitis. Gut, 2014, 63, 1313-1324.	12.1	135
2	Fatty acid ethyl esters: markers of alcohol abuse and alcoholism. Alcohol, 2004, 34, 151-158.	1.7	67
3	Metabolic basis of ethanol-induced cytotoxicity in recombinant HepG2 cells: Role of nonoxidative metabolism. Toxicology and Applied Pharmacology, 2006, 216, 238-247.	2.8	56
4	¹H and ³¹P NMR Lipidome of Ethanolâ€Induced Fatty Liver. Alcoholism: Clinical and Experimental Research, 2010, 34, 1937-1947.	2.4	55
5	Lipidomic changes in rat liver after long-term exposure to ethanol. Toxicology and Applied Pharmacology, 2011, 255, 127-137.	2.8	54
6	Subchronic toxicity of aniline hydrochloride in rats. Archives of Environmental Contamination and Toxicology, 1993, 24, 368-374.	4.1	48
7	Metabolic basis of ethanol-induced hepatic and pancreatic injury in hepatic alcohol dehydrogenase deficient deer mice. Alcohol, 2006, 39, 179-188.	1.7	47
8	Ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells: Role of fatty acid ethyl esters. Alcohol and Alcoholism, 2007, 43, 1-8.	1.6	40
9	Fatty acid conjugates of xenobiotics. Toxicology Letters, 1995, 75, 1-17.	0.8	37
10	Liver proteomics in progressive alcoholic steatosis. Toxicology and Applied Pharmacology, 2013, 266, 470-480.	2.8	32
11	Pancreatic injury in hepatic alcohol dehydrogenase-deficient deer mice after subchronic exposure to ethanol. Toxicology and Applied Pharmacology, 2010, 246, 154-162.	2.8	30
12	Quantitation of Acroleinâ€"Protein Adducts: Potential Biomarker of Acrolein Exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2004, 67, 513-524.	2.3	29
13	Ethanol metabolism, oxidative stress, and endoplasmic reticulum stress responses in the lungs of hepatic alcohol dehydrogenase deficient deer mice after chronic ethanol feeding. Toxicology and Applied Pharmacology, 2014, 277, 109-117.	2.8	24
14	Hepatic fatty acid conjugation of 2-chloroethanol and 2-bromoethanol in rats. Journal of Biochemical Toxicology, 1989, 4, 183-188.	0.4	22
15	Fatty Acid Ethyl and Methyl Ester Synthases, and Fatty Acid Anilide Synthase in HepG2 and AR42J Cells: Interrelationships and Inhibition by Tri-o-tolyl Phosphate. Toxicology and Applied Pharmacology, 1999, 159, 134-141.	2.8	22
16	Purification and characterization of rat pancreatic fatty acid ethyl ester synthase and its structural and functional relationship to pancreatic cholesterol esterase. Journal of Biochemical and Molecular Toxicology, 2003, 17, 338-345.	3.0	21
17	Distribution of petrogenic polycyclic aromatic hydrocarbons (PAHs) in seafood following Deepwater Horizon oil spill. Marine Pollution Bulletin, 2019, 145, 200-207.	5.0	21
18	Time-Dependent Autoimmune Response of Dichloroacetyl Chloride in Female MRL +/+ MICE. Immunopharmacology and Immunotoxicology, 1997, 19, 265-277.	2.4	20

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19	Hepatic lipid profiling of deer mice fed ethanol using 1H and 31P NMR spectroscopy: A dose-dependent subchronic study. Toxicology and Applied Pharmacology, 2012, 264, 361-369.	2.8	16
20	Purification and characterization of rat hepatic microsomal low molecular weight fatty acid ethyl ester synthase and its relationship to carboxylesterases. Journal of Biochemical and Molecular Toxicology, 2001, 15, 165-171.	3.0	15
21	Recent Advances in Understanding the Complexity of Alcohol-Induced Pancreatic Dysfunction and Pancreatitis Development. Biomolecules, 2020, 10, 669.	4.0	13
22	Ethanol Exposure Impairs AMPK Signaling and Phagocytosis in Human Alveolar Macrophages: Role of Ethanol Metabolism. Alcoholism: Clinical and Experimental Research, 2019, 43, 1682-1694.	2.4	12
23	Effects of acute ethanol exposure on cytokine production by primary airway smooth muscle cells. Toxicology and Applied Pharmacology, 2016, 292, 85-93.	2.8	11
24	Alcohol-induced ketonemia is associated with lowering of blood glucose, downregulation of gluconeogenic genes, and depletion of hepatic glycogen in type 2 diabetic db/db mice. Biochemical Pharmacology, 2019, 160, 46-61.	4.4	11
25	Activation of AMP-activated protein kinase attenuates ethanol-induced ER/oxidative stress and lipid phenotype in human pancreatic acinar cells. Biochemical Pharmacology, 2020, 180, 114174.	4.4	11
26	Differential cytotoxicity, ER/oxidative stress, dysregulated AMPKÎ± signaling, and mitochondrial stress by ethanol and its metabolites in human pancreatic acinar cells. Alcoholism: Clinical and Experimental Research, 2021, 45, 961-978.	2.4	11
27	Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 373-380.	1.5	10
28	Proteomic Profiling of Liver and Plasma in Chronic Ethanol Feeding Model of Hepatic Alcohol Dehydrogenase-Deficient Deer Mice. Alcoholism: Clinical and Experimental Research, 2017, 41, 1675-1685.	2.4	10
29	Hepatic alcohol dehydrogenase deficiency induces pancreatic injury in chronic ethanol feeding model of deer mice. Experimental and Molecular Pathology, 2018, 104, 89-97.	2.1	10
30	Linking Dysregulated AMPK Signaling and ER Stress in Ethanol-Induced Liver Injury in Hepatic Alcohol Dehydrogenase Deficient Deer Mice. Biomolecules, 2019, 9, 560.	4.0	9
31	Increased talinâ€“vinculin spatial proximities in livers in response to spotted fever group rickettsial and Ebola virus infections. Laboratory Investigation, 2020, 100, 1030-1041.	3.7	8
32	Mechanism of differential inhibition of hepatic and pancreatic fatty acid ethyl ester synthase by inhibitors of serine-esterases: in vitro and cell culture studies. Toxicology and Applied Pharmacology, 2004, 200, 7-15.	2.8	7
33	IMMUNOHISTOCHEMICAL LOCALIZATION OF TRICHLOROACYLATED PROTEIN ADDUCTS IN TETRACHLOROETHENE-TREATED MICE. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2001, 63, 145-157.	2.3	5
34	Biomarkers of acute and chronic pancreatitis. , 2014, , 279-289.		5
35	Chronic poly-drug administration damages adult mouse brain neural stem cells. Brain Research, 2019, 1723, 146425.	2.2	5
36	Alcoholic Steatosis in Different Strains of Rat: A Comparative Study. Journal of Drug and Alcohol Research, 2015, 4, 1-9.	0.9	5

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37	Fatty acid anilides: In vivo formation and relevance to toxic oil syndrome. , 1999, 13, 269-277.		4
38	Differentially Altered Plasma Proteins in Patients diagnosed with Alcoholic and Nonalcoholic Fatty Liver Disease. Euroasian Journal of Hepato-gastroenterology, 2011, 1, 89-99.	0.5	4
39	Comparative effects of cocaine and cocaethylene on alveolar epithelial type II cells. Toxicology Mechanisms and Methods, 2015, 25, 604-613.	2.7	4
40	Exposure to binge ethanol and fatty acid ethyl esters exacerbates chronic ethanol-induced pancreatic injury in hepatic alcohol dehydrogenase-deficient deer mice. American Journal of Physiology - Renal Physiology, 2022, 322, G327-G345.	3.4	3
41	Proteins Differentially Expressed in the Pancreas of Hepatic Alcohol Dehydrogenaseâ€“Deficient Deer Mice Fed Ethanol For 3 Months. Pancreas, 2017, 46, 806-812.	1.1	2
42	The MET Receptor Tyrosine Kinase Confers Repair of Murine Pancreatic Acinar Cells following Acute and Chronic Injury. PLoS ONE, 2016, 11, e0165485.	2.5	2
43	Alcohol-Induced Hepatic Steatosis: A Comparative Study to Identify Possible Indicator(s) of Alcoholic Fatty Liver Disease. Journal of Drug and Alcohol Research, 2018, 7, 1-9.	0.9	2
44	Early Biomarkers of Acute and Chronic Pancreatitis. , 2019, , 341-353.		1
45	Adult Neural Stem Cells Show Regional and Sexâ€Ðependent Responses to Chronic Polyâ€Ðrug Administration. FASEB Journal, 2018, 32, 681.3.	0.5	0