Kusum K Kharbanda

List of Publications by Year in Descending Order

105 papers	2,706 citations	29 h-index	46 g-index
114 ext. papers	3,181 ext. citations	4.6 avg, IF	5.28 L-index

#	Paper	IF	Citations
105	A review of alcohol-pathogen interactions: New insights into combined disease pathomechanisms.. *Alcoholism: Clinical and Experimental Research*, **2022**,	3.7	1
104	Cell-to-Cell Communications in Alcohol-Associated Liver Disease.. *Frontiers in Physiology*, **2022**, 13, 831004	4.6	3
103	Alcohol basic and translational research 15th Charles Lieber - 1st Samuel French satellite symposium.. *Experimental and Molecular Pathology*, **2022**, 104750	4.4	1
102	Alcohol-Induced Lysosomal Damage and Suppression of Lysosome Biogenesis Contribute to Hepatotoxicity in HIV-Exposed Liver Cells. *Biomolecules*, **2021**, 11,	5.9	5
101	Contrasting Effects of Fasting on Liver-Adipose Axis in Alcohol-Associated and Non-alcoholic Fatty Liver. *Frontiers in Physiology*, **2021**, 12, 625352	4.6	1
100	Beneficial Effects of Betaine: A Comprehensive Review. *Biology*, **2021**, 10,	4.9	10
99	Elevated S-adenosylhomocysteine induces adipocyte dysfunction to promote alcohol-associated liver steatosis. *Scientific Reports*, **2021**, 11, 14693	4.9	2
98	Second hits exacerbate alcohol-related organ damage: an update. *Alcohol and Alcoholism*, **2021**, 56, 8-16	3.5	3
97	Natural Recovery by the Liver and Other Organs after Chronic Alcohol Use. *Alcohol Research: Current Reviews*, **2021**, 41, 05	6.8	1
96	Alcohol-and-HIV-Induced Lysosomal Dysfunction Regulates Extracellular Vesicles Secretion and in Liver-Humanized Mice. *Biology*, **2021**, 10,	4.9	8
95	Pancreatogenic Diabetes: Triggering Effects of Alcohol and HIV. *Biology*, **2021**, 10,	4.9	2
94	Malondialdehyde-Acetaldehyde Adduct Formation Decreases Immunoglobulin A Transport across Airway Epithelium in Smokers Who Abuse Alcohol. *American Journal of Pathology*, **2021**, 191, 1732-1742	5.8	0
93	Recent Advances in Understanding the Complexity of Alcohol-Induced Pancreatic Dysfunction and Pancreatitis Development. *Biomolecules*, **2020**, 10,	5.9	7
92	Role of non-Genetic Risk Factors in Exacerbating Alcohol-related organ damage. *Alcohol*, **2020**, 87, 63-72	2.7	0
91	Ghrelin regulates adipose tissue metabolism: Role in hepatic steatosis. *Chemico-Biological Interactions*, **2020**, 322, 109059	5	3
90	Role of Elevated Intracellular S-Adenosylhomocysteine in the Pathogenesis of Alcohol-Related Liver Disease. *Cells*, **2020**, 9,	7.9	4
89	Susceptibility of Asialoglycoprotein Receptor-Deficient Mice to Lps/Galactosamine Liver Injury and Protection by Betaine Administration. *Biology*, **2020**, 10,	4.9	4

88	Role of alcohol in pathogenesis of hepatitis B virus infection. *World Journal of Gastroenterology*, **2020**, 26, 883-903	5.6	16
87	Obeticholic acid attenuates human immunodeficiency virus/alcohol metabolism-induced pro-fibrotic activation in liver cells. *World Journal of Hepatology*, **2020**, 12, 965-975	3.4	1
86	Acetaldehyde suppresses HBV-MHC class I complex presentation on hepatocytes via induction of ER stress and Golgi fragmentation. *American Journal of Physiology - Renal Physiology*, **2020**, 319, G432-G442	5.1	3
85	Mechanisms, biomarkers and targets for therapy in alcohol-associated liver injury: From Genetics to nutrition: Summary of the ISBRA 2018 symposium. *Alcohol*, **2020**, 83, 105-114	2.7	10
84	Reply to "Letter to Editor: Chronic alcohol exposure alters circulating insulin and ghrelin levels in hepatic steatosis: a translational research perspective". *American Journal of Physiology - Renal Physiology*, **2019**, 317, G361-G362	5.1	1
83	Inhibition of Ghrelin Activity by Receptor Antagonist [d-Lys-3] GHRP-6 Attenuates Alcohol-Induced Hepatic Steatosis by Regulating Hepatic Lipid Metabolism. *Biomolecules*, **2019**, 9,	5.9	6
82	Acetaldehyde suppresses the display of HBV-MHC class I complexes on HBV-expressing hepatocytes. *American Journal of Physiology - Renal Physiology*, **2019**, 317, G127-G140	5.1	15
81	Lipophagy and Alcohol-Induced Fatty Liver. *Frontiers in Pharmacology*, **2019**, 10, 495	5.6	22
80	Human immunodeficiency virus and hepatotropic viruses co-morbidities as the inducers of liver injury progression. *World Journal of Gastroenterology*, **2019**, 25, 398-410	5.6	17
79	Chronic alcohol exposure alters circulating insulin and ghrelin levels: role of ghrelin in hepatic steatosis. *American Journal of Physiology - Renal Physiology*, **2019**, 316, G453-G461	5.1	12
78	Lysosome and proteasome dysfunction in alcohol-induced liver injury. *Liver Research*, **2019**, 3, 191-205	4.1	7
77	Alcohol Metabolism Potentiates HIV-Induced Hepatotoxicity: Contribution to End-Stage Liver Disease. *Biomolecules*, **2019**, 9,	5.9	18
76	Demethylase JMJD6 as a New Regulator of Interferon Signaling: Effects of HCV and Ethanol Metabolism. *Cellular and Molecular Gastroenterology and Hepatology*, **2018**, 5, 101-112	7.9	13
75	Liver as a target of human immunodeficiency virus infection. *World Journal of Gastroenterology*, **2018**, 24, 4728-4737	5.6	28
74	Decreasing Phosphatidylcholine on the Surface of the Lipid Droplet Correlates with Altered Protein Binding and Steatosis. *Cells*, **2018**, 7,	7.9	13
73	Hepatitis C Virus-Infected Apoptotic Hepatocytes Program Macrophages and Hepatic Stellate Cells for Liver Inflammation and Fibrosis Development: Role of Ethanol as a Second Hit. *Biomolecules*, **2018**, 8,	5.9	7
72	The Loss of □and □Tubulin Proteins Are a Pathological Hallmark of Chronic Alcohol Consumption and Natural Brain Ageing. *Brain Sciences*, **2018**, 8,	3.4	7
71	Oxidative stress associated with aging activates protein kinase C□leading to cilia slowing. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 315, L882-L890	5.8	11

70	Alcohol, microbiome, life style influence alcohol and non-alcoholic organ damage. *Experimental and Molecular Pathology*, **2017**, 102, 162-180	4.4	33
69	Malondialdehyde-Acetaldehyde (MAA) Protein Adducts Are Found Exclusively in the Lungs of Smokers with Alcohol Use Disorders and Are Associated with Systemic Anti-MAA Antibodies. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 2093-2099	3.7	12
68	Treatment options for alcoholic and non-alcoholic fatty liver disease: A review. *World Journal of Gastroenterology*, **2017**, 23, 6549-6570	5.6	112
67	Malondialdehyde-acetaldehyde (MAA) adducted surfactant protein induced lung inflammation is mediated through scavenger receptor a (SR-A1). *Respiratory Research*, **2017**, 18, 36	7.3	10
66	Bifunctional Enzyme JMJD6 Contributes to Multiple Disease Pathogenesis: New Twist on the Old Story. *Biomolecules*, **2017**, 7,	5.9	16
65	Alcoholic Liver Disease: Pathogenesis and Current Management. *Alcohol Research: Current Reviews*, **2017**, 38, 147-161	6.8	132
64	Structure, Function and Metabolism of Hepatic and Adipose Tissue Lipid Droplets: Implications in Alcoholic Liver Disease. *Current Molecular Pharmacology*, **2017**, 10, 237-248	3.7	14
63	Role of apoptotic hepatocytes in HCV dissemination: regulation by acetaldehyde. *American Journal of Physiology - Renal Physiology*, **2016**, 310, G930-40	5.1	22
62	Alcoholic vs non-alcoholic fatty liver in rats: distinct differences in endocytosis and vesicle trafficking despite similar pathology. *BMC Gastroenterology*, **2016**, 16, 27	3	11
61	Transcriptomic and metabolic analyses reveal salvage pathways in creatine-deficient AGAT(-/-) mice. *Amino Acids*, **2016**, 48, 2025-39	3.5	10
60	Aberrant post-translational protein modifications in the pathogenesis of alcohol-induced liver injury. *World Journal of Gastroenterology*, **2016**, 22, 6192-200	5.6	15
59	Prolonged feeding with guanidinoacetate, a methyl group consumer, exacerbates ethanol-induced liver injury. *World Journal of Gastroenterology*, **2016**, 22, 8497-8508	5.6	5
58	Lack of hepcidin expression attenuates steatosis and causes fibrosis in the liver. *World Journal of Hepatology*, **2016**, 8, 211-25	3.4	10
57	Ceramide Induces Human Hepcidin Gene Transcription through JAK/STAT3 Pathway. *PLoS ONE*, **2016**, 11, e0147474	3.7	13
56	Effects of Nonpurified and Choline Supplemented or Nonsupplemented Purified Diets on Hepatic Steatosis and Methionine Metabolism in C3H Mice. *Metabolic Syndrome and Related Disorders*, **2016**, 14, 202-9	2.6	2
55	Malondialdehyde-Acetaldehyde-Adducted Surfactant Protein Alters Macrophage Functions Through Scavenger Receptor A. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 2563-2572	3.7	8
54	Creatine Supplementation Does Not Prevent the Development of Alcoholic Steatosis. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 2312-2319	3.7	6
53	Acetaldehyde Disrupts Interferon Alpha Signaling in Hepatitis C Virus-Infected Liver Cells by Up-Regulating USP18. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 2329-2338	3.7	30

52	Isoaspartate, carbamoyl phosphate synthase-1, and carbonic anhydrase-III as biomarkers of liver injury. *Biochemical and Biophysical Research Communications*, **2015**, 458, 626-631	3.4	15
51	Role of defective methylation reactions in ethanol-induced dysregulation of intestinal barrier integrity. *Biochemical Pharmacology*, **2015**, 96, 30-8	6	14
50	Acetaldehyde accelerates HCV-induced impairment of innate immunity by suppressing methylation reactions in liver cells. *American Journal of Physiology - Renal Physiology*, **2015**, 309, G566-77	5.1	29
49	Alcoholic liver disease: Clinical and translational research. *Experimental and Molecular Pathology*, **2015**, 99, 596-610	4.4	28
48	FAT10 suppression stabilizes oxidized proteins in liver cells: Effects of HCV and ethanol. *Experimental and Molecular Pathology*, **2015**, 99, 506-16	4.4	12
47	In Vivo Acute on Chronic Ethanol Effects in Liver: A Mouse Model Exhibiting Exacerbated Injury, Altered Metabolic and Epigenetic Responses. *Biomolecules*, **2015**, 5, 3280-94	5.9	14
46	Hepatitis C, innate immunity and alcohol: friends or foes?. *Biomolecules*, **2015**, 5, 76-94	5.9	23
45	Ethanol affects hepatitis C pathogenesis: humanized SCID Alb-uPA mouse model. *Biochemical and Biophysical Research Communications*, **2014**, 450, 773-6	3.4	8
44	Alcoholic and non-alcoholic steatohepatitis. *Experimental and Molecular Pathology*, **2014**, 97, 492-510	4.4	50
43	Epigenetic histone modifications in a clinically relevant rat model of chronic ethanol-binge-mediated liver injury. *Hepatology International*, **2014**, 8 Suppl 2, 421-30	8.8	13
42	Malondialdehyde-acetaldehyde (MAA) adducted proteins bind to scavenger receptor A in airway epithelial cells. *Alcohol*, **2014**, 48, 493-500	2.7	14
41	Increased methylation demand exacerbates ethanol-induced liver injury. *Experimental and Molecular Pathology*, **2014**, 97, 49-56	4.4	14
40	Regulation of FOXO3 by phosphorylation and methylation in hepatitis C virus infection and alcohol exposure. *Hepatology*, **2014**, 59, 58-70	11.2	47
39	Maternal choline modifies fetal liver copper, gene expression, DNA methylation, and neonatal growth in the tx-j mouse model of Wilson disease. *Epigenetics*, **2014**, 9, 286-96	5.7	46
38	Characterization of timed changes in hepatic copper concentrations, methionine metabolism, gene expression, and global DNA methylation in the Jackson toxic milk mouse model of Wilson disease. *International Journal of Molecular Sciences*, **2014**, 15, 8004-23	6.3	23
37	Methylation and gene expression responses to ethanol feeding and betaine supplementation in the cystathionine beta synthase-deficient mouse. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 1540-9	3.7	20
36	Nicotinic acid supplementation in the context of alcoholic liver injury: friend or foe?. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 1829-31	3.7	1
35	Alcohol consumption decreases rat hepatic creatine biosynthesis via altered guanidinoacetate methyltransferase activity. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 641-8	3.7	14

34	Changes in the pathogenesis of alcohol-induced liver disease -- preclinical studies. *Experimental and Molecular Pathology*, **2013**, 95, 376-84	4.4	16
33	Impact of altered methylation in cytokine signaling and proteasome function in alcohol and viral-mediated diseases. *Alcoholism: Clinical and Experimental Research*, **2013**, 37, 1-7	3.7	8
32	Smoke extract impairs adenosine wound healing: implications of smoke-generated reactive oxygen species. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 48, 665-73	5.7	20
31	Methionine metabolic pathway in alcoholic liver injury. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2013**, 16, 89-95	3.8	38
30	Wilson's disease: changes in methionine metabolism and inflammation affect global DNA methylation in early liver disease. *Hepatology*, **2013**, 57, 555-65	11.2	67
29	Ethanol and hepatitis C virus suppress peptide-MHC class I presentation in hepatocytes by altering proteasome function. *Alcoholism: Clinical and Experimental Research*, **2012**, 36, 2028-35	3.7	12
28	Malondialdehyde-acetaldehyde-adducted protein inhalation causes lung injury. *Alcohol*, **2012**, 46, 51-9	2.7	32
27	Betaine treatment attenuates chronic ethanol-induced hepatic steatosis and alterations to the mitochondrial respiratory chain proteome. *International Journal of Hepatology*, **2012**, 2012, 962183	2.7	58
26	Ethanol lowers glutathione in rat liver and brain and inhibits methionine synthase in a cobalamin-dependent manner. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 277-83	3.7	23
25	Hybrid malondialdehyde and acetaldehyde protein adducts form in the lungs of mice exposed to alcohol and cigarette smoke. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 1106-13	3.7	50
24	Impaired methylation as a novel mechanism for proteasome suppression in liver cells. *Biochemical and Biophysical Research Communications*, **2010**, 391, 1291-6	3.4	27
23	Alcoholic liver disease and methionine metabolism. *Seminars in Liver Disease*, **2009**, 29, 155-65	7.3	88
22	Carbon tetrachloride-induced liver damage in asialoglycoprotein receptor-deficient mice. *Biochemical Pharmacology*, **2009**, 77, 1283-90	6	23
21	Betaine administration corrects ethanol-induced defective VLDL secretion. *Molecular and Cellular Biochemistry*, **2009**, 327, 75-8	4.2	63
20	Ethanol blocks adenosine uptake via inhibiting the nucleoside transport system in bronchial epithelial cells. *Alcoholism: Clinical and Experimental Research*, **2009**, 33, 791-8	3.7	20
19	Proteomics reveal a concerted upregulation of methionine metabolic pathway enzymes, and downregulation of carbonic anhydrase-III, in betaine supplemented ethanol-fed rats. *Biochemical and Biophysical Research Communications*, **2009**, 381, 523-7	3.4	38
18	L-Buthionine (S,R) sulfoximine depletes hepatic glutathione but protects against ethanol-induced liver injury. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1053-60	3.7	25
17	Lysosomal leakage and lack of adaptation of hepatoprotective enzyme contribute to enhanced susceptibility to ethanol-induced liver injury in female rats. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1944-52	3.7	30

16	Role of S-adenosylmethionine, folate, and betaine in the treatment of alcoholic liver disease: summary of a symposium. *American Journal of Clinical Nutrition*, **2007**, 86, 14-24	7	140
15	Betaine attenuates alcoholic steatosis by restoring phosphatidylcholine generation via the phosphatidylethanolamine methyltransferase pathway. *Journal of Hepatology*, **2007**, 46, 314-21	13.4	147
14	Accumulation of proteins bearing atypical isoaspartyl residues in livers of alcohol-fed rats is prevented by betaine administration: effects on protein-L-isoaspartyl methyltransferase activity. *Journal of Hepatology*, **2007**, 46, 1119-25	13.4	35
13	Role of transmethylation reactions in alcoholic liver disease. *World Journal of Gastroenterology*, **2007**, 13, 4947-54	5.6	32
12	S-adenosylmethionine prevents chronic alcohol-induced mitochondrial dysfunction in the rat liver. *American Journal of Physiology - Renal Physiology*, **2006**, 291, G857-67	5.1	88
11	Malondialdehyde-acetaldehyde adducts decrease bronchial epithelial wound repair. *Alcohol*, **2005**, 36, 31-40	2.7	22
10	Role of elevated S-adenosylhomocysteine in rat hepatocyte apoptosis: protection by betaine. *Biochemical Pharmacology*, **2005**, 70, 1883-90	6	74
9	A comparison of the effects of betaine and S-adenosylmethionine on ethanol-induced changes in methionine metabolism and steatosis in rat hepatocytes. *Journal of Nutrition*, **2005**, 135, 519-24	4.1	55
8	Transforming growth factor-beta induces contraction of activated hepatic stellate cells. *Journal of Hepatology*, **2004**, 41, 60-6	13.4	32
7	Betaine lowers elevated s-adenosylhomocysteine levels in hepatocytes from ethanol-fed rats. *Journal of Nutrition*, **2003**, 133, 2845-8	4.1	94
6	Effect of malondialdehyde-acetaldehyde-protein adducts on the protein kinase C-dependent secretion of urokinase-type plasminogen activator in hepatic stellate cells. *Biochemical Pharmacology*, **2002**, 63, 553-62	6	23
5	Chronic ethanol consumption increases homocysteine accumulation in hepatocytes. *Alcohol*, **2001**, 25, 77-81	2.7	53
4	Malondialdehyde-acetaldehyde-protein adducts increase secretion of chemokines by rat hepatic stellate cells. *Alcohol*, **2001**, 25, 123-8	2.7	43
3	Malondialdehyde-acetaldehyde-adducted bovine serum albumin activates protein kinase C and stimulates interleukin-8 release in bovine bronchial epithelial cells. *Alcohol*, **2001**, 25, 159-66	2.7	29
2	Ethanol Feeding Selectively Impairs the Spreading of Rat Perivenous Hepatocytes on Extracellular Matrix Substrates. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 1673-1680	3.7	11
1	Ethanol administration alters the proteolytic activity of hepatic lysosomes. *Alcoholism: Clinical and Experimental Research*, **1994**, 18, 536-41	3.7	55