Kusum K Kharbanda

List of Publications by Year
in descending order

109 papers	3,609 citations	145106 33 h-index	190340 53 g-index
114 all docs	114 docs citations	114 times ranked	4456 citing authors

#	Article	IF	Citations
1	A review of alcoholâ€“pathogen interactions: New insights into combined disease pathomechanisms. Alcoholism: Clinical and Experimental Research, 2022, 46, 359-370.	1.4	9
2	Cell-to-Cell Communications in Alcohol-Associated Liver Disease. Frontiers in Physiology, 2022, 13, 831004.	1.3	9
3	Alcohol basic and translational research 15th Charles Lieber - 1st Samuel French satellite symposium. Experimental and Molecular Pathology, 2022, , 104750.	0.9	4
4	Malondialdehyde Acetaldehyde-Adduction Changes Surfactant Protein D Structure and Function. Frontiers in Immunology, 2022, 13, .	2.2	3
5	Pathogenesis of Alcohol-Associated Liver Disease. Journal of Clinical and Experimental Hepatology, 2022, 12, 1492-1513.	0.4	17
6	Alcohol and HIV-Derived Hepatocyte Apoptotic Bodies Induce Hepatic Stellate Cell Activation. Biology, 2022, 11, 1059.	1.3	4
7	Second hits exacerbate alcohol-related organ damage: an update. Alcohol and Alcoholism, 2021, 56, 8-16.	0.9	8
8	Natural Recovery by the Liver and Other Organs After Chronic Alcohol Use. Alcohol Research: Current Reviews, 2021, 41, 05.	1.9	19
9	Alcohol-and-HIV-Induced Lysosomal Dysfunction Regulates Extracellular Vesicles Secretion in Vitro and in Liver-Humanized Mice. Biology, 2021, 10, 29.	1.3	13
10	Pancreatogenic Diabetes: Triggering Effects of Alcohol and HIV. Biology, 2021, 10, 108.	1.3	8
11	Contrasting Effects of Fasting on Liver-Adipose Axis in Alcohol-Associated and Non-alcoholic Fatty Liver. Frontiers in Physiology, 2021, 12, 625352.	1.3	7
12	Beneficial Effects of Betaine: A Comprehensive Review. Biology, 2021, 10, 456.	1.3	75
13	Elevated S-adenosylhomocysteine induces adipocyte dysfunction to promote alcohol-associated liver steatosis. Scientific Reports, 2021, 11, 14693.	1.6	9
14	Malondialdehyde-Acetaldehyde Adduct Formation Decreases Immunoglobulin A Transport across Airway Epithelium in Smokers Who Abuse Alcohol. American Journal of Pathology, 2021, 191, 1732-1742.	1.9	4
15	Susceptibility of Asialoglycoprotein Receptor-Deficient Mice to LPS/Galactosamine Liver Injury and Protection by Betaine Administration. Biology, 2021, 10, 19.	1.3	8
16	Alcohol-Induced Lysosomal Damage and Suppression of Lysosome Biogenesis Contribute to Hepatotoxicity in HIV-Exposed Liver Cells. Biomolecules, 2021, 11, 1497.	1.8	10
17	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.	0.8	17
18	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.	1.6	9

#	Article	IF	Citations
19	Recent Advances in Understanding the Complexity of Alcohol-Induced Pancreatic Dysfunction and Pancreatitis Development. Biomolecules, 2020, 10, 669.	1.8	13
20	Role of non-Genetic Risk Factors in Exacerbating Alcohol-related organ damage. Alcohol, 2020, 87, 63-72.	0.8	1
21	Ghrelin regulates adipose tissue metabolism: Role in hepatic steatosis. Chemico-Biological Interactions, 2020, 322, 109059.	1.7	9
22	Role of Elevated Intracellular S-Adenosylhomocysteine in the Pathogenesis of Alcohol-Related Liver Disease. Cells, 2020, 9, 1526.	1.8	6
23	Role of alcohol in pathogenesis of hepatitis B virus infection. World Journal of Gastroenterology, 2020, 26, 883-903.	1.4	24
24	Obeticholic acid attenuates human immunodeficiency virus/alcohol metabolism-induced pro-fibrotic activation in liver cells. World Journal of Hepatology, 2020, 12, 965-975.	0.8	4
25	Reply to â€œLetter to Editor: Chronic alcohol exposure alters circulating insulin and ghrelin levels in hepatic steatosis: a translational research perspectiveâ€• American Journal of Physiology - Renal Physiology, 2019, 317, G361-G362.	1.6	2
26	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, 517.	1.8	11
27	Acetaldehyde suppresses the display of HBV-MHC class I complexes on HBV-expressing hepatocytes. American Journal of Physiology - Renal Physiology, 2019, 317, G127-G140.	1.6	21
28	Lipophagy and Alcohol-Induced Fatty Liver. Frontiers in Pharmacology, 2019, 10, 495.	1.6	36
29	Human immunodeficiency virus and hepatotropic viruses co-morbidities as the inducers of liver injury progression. World Journal of Gastroenterology, 2019, 25, 398-410.	1.4	42
30	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.	1.6	21
31	Lysosome and proteasome dysfunction in alcohol-induced liver injury. Liver Research, 2019, 3, 191-205.	0.5	15
32	Alcohol Metabolism Potentiates HIV-Induced Hepatotoxicity: Contribution to End-Stage Liver Disease. Biomolecules, 2019, 9, 851.	1.8	25
33	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.	2.3	20
34	Liver as a target of human immunodeficiency virus infection. World Journal of Gastroenterology, 2018, 24, 4728-4737.	1.4	45
35	Decreasing Phosphatidylcholine on the Surface of the Lipid Droplet Correlates with Altered Protein Binding and Steatosis. Cells, 2018, 7, 230.	1.8	28
36	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, 113.	1.8	14

#	Article	IF	Citations
37	The Loss of Î±- and Î²-Tubulin Proteins Are a Pathological Hallmark of Chronic Alcohol Consumption and Natural Brain Ageing. Brain Sciences, 2018, 8, 175.	1.1	15
38	Oxidative stress associated with aging activates protein kinase CÎµ, leading to cilia slowing. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L882-L890.	1.3	18
39	Alcohol, microbiome, life style influence alcohol and non-alcoholic organ damage. Experimental and Molecular Pathology, 2017, 102, 162-180.	0.9	40
40	Malondialdehydeâ€“Acetaldehyde (MAA) Protein Adducts Are Found Exclusively in the Lungs of Smokers with Alcohol Use Disorders and Are Associated with Systemic Antiâ€MAA Antibodies. Alcoholism: Clinical and Experimental Research, 2017, 41, 2093-2099.	1.4	22
41	Malondialdehyde-acetaldehyde (MAA) adducted surfactant protein induced lung inflammation is mediated through scavenger receptor a (SR-A1). Respiratory Research, 2017, 18, 36.	1.4	16
42	Bifunctional Enzyme JMJD6 Contributes to Multiple Disease Pathogenesis: New Twist on the Old Story. Biomolecules, 2017, 7, 41.	1.8	27
43	Treatment options for alcoholic and non-alcoholic fatty liver disease: A review. World Journal of Gastroenterology, 2017, 23, 6549-6570.	1.4	179
44	Structure, Function and Metabolism of Hepatic and Adipose Tissue Lipid Droplets: Implications in Alcoholic Liver Disease. Current Molecular Pharmacology, 2017, 10, 237-248.	0.7	19
45	Alcoholic Liver Disease: Pathogenesis and Current Management. Alcohol Research: Current Reviews, 2017, 38, 147-161.	1.9	176
46	Multi-Organ Alcohol-Related Damage: Mechanisms and Treatment. Biomolecules, 2016, 6, 20.	1.8	24
47	Ceramide Induces Human Hepcidin Gene Transcription through JAK/STAT3 Pathway. PLoS ONE, 2016, 11, e0147474.	1.1	16
48	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, 202-209.	0.5	5
49	Malondialdehydeâ€“Acetaldehydeâ€Adducted Surfactant Protein Alters Macrophage Functions Through Scavenger Receptor A. Alcoholism: Clinical and Experimental Research, 2016, 40, 2563-2572.	1.4	15
50	Creatine Supplementation Does Not Prevent the Development of Alcoholic Steatosis. Alcoholism: Clinical and Experimental Research, 2016, 40, 2312-2319.	1.4	10
51	Acetaldehyde Disrupts Interferon Alpha Signaling in Hepatitis C Virusâ€Infected Liver Cells by Upâ€Regulating <scp>USP</scp>18. Alcoholism: Clinical and Experimental Research, 2016, 40, 2329-2338.	1.4	38
52	Role of apoptotic hepatocytes in HCV dissemination: regulation by acetaldehyde. American Journal of Physiology - Renal Physiology, 2016, 310, G930-G940.	1.6	28
53	Alcoholic vs non-alcoholic fatty liver in rats: distinct differences in endocytosis and vesicle trafficking despite similar pathology. BMC Gastroenterology, 2016, 16, 27.	0.8	19
54	Transcriptomic and metabolic analyses reveal salvage pathways in creatine-deficient AGATâ^'/â^' mice. Amino Acids, 2016, 48, 2025-2039.	1.2	12

#	Article	IF	Citations
55	Aberrant post-translational protein modifications in the pathogenesis of alcohol-induced liver injury. World Journal of Gastroenterology, 2016, 22, 6192.	1.4	22
56	Prolonged feeding with guanidinoacetate, a methyl group consumer, exacerbates ethanol-induced liver injury. World Journal of Gastroenterology, 2016, 22, 8497.	1.4	8
57	Lack of hepcidin expression attenuates steatosis and causes fibrosis in the liver. World Journal of Hepatology, 2016, 8, 211.	0.8	15
58	FAT10 suppression stabilizes oxidized proteins in liver cells: Effects of HCV and ethanol. Experimental and Molecular Pathology, 2015, 99, 506-516.	0.9	13
59	In Vivo Acute on Chronic Ethanol Effects in Liver: A Mouse Model Exhibiting Exacerbated Injury, Altered Metabolic and Epigenetic Responses. Biomolecules, 2015, 5, 3280-3294.	1.8	18
60	Hepatitis C, Innate Immunity and Alcohol: Friends or Foes?. Biomolecules, 2015, 5, 76-94.	1.8	24
61	Isoaspartate, carbamoyl phosphate synthase-1, and carbonic anhydrase-III as biomarkers of liver injury. Biochemical and Biophysical Research Communications, 2015, 458, 626-631.	1.0	19
62	Role of defective methylation reactions in ethanol-induced dysregulation of intestinal barrier integrity. Biochemical Pharmacology, 2015, 96, 30-38.	2.0	18
63	Acetaldehyde accelerates HCV-induced impairment of innate immunity by suppressing methylation reactions in liver cells. American Journal of Physiology - Renal Physiology, 2015, 309, G566-G577.	1.6	36
64	Alcoholic liver disease: Clinical and translational research. Experimental and Molecular Pathology, 2015, 99, 596-610.	0.9	36
65	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, 286-296.	1.3	54
66	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, 8004-8023.	1.8	32
67	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, 1540-1549.	1.4	22
68	Nicotinic Acid Supplementation in the Context of Alcoholic Liver Injury: Friend or Foe?. Alcoholism: Clinical and Experimental Research, 2014, 38, 1829-1831.	1.4	1
69	Alcohol Consumption Decreases Rat Hepatic Creatine Biosynthesis Via Altered Guanidinoacetate Methyltransferase Activity. Alcoholism: Clinical and Experimental Research, 2014, 38, 641-648.	1.4	18
70	Ethanol affects hepatitis C pathogenesis: Humanized SCID Alb-uPA mouse model. Biochemical and Biophysical Research Communications, 2014, 450, 773-776.	1.0	9
71	Alcoholic and non-alcoholic steatohepatitis. Experimental and Molecular Pathology, 2014, 97, 492-510.	0.9	56
72	Epigenetic histone modifications in a clinically relevant rat model of chronic ethanol-binge-mediated liver injury. Hepatology International, 2014, 8, 421-430.	1.9	16

#	Article	IF	Citations
73	Malondialdehyde-acetaldehyde (MAA) adducted proteins bind to scavenger receptor A in airway epithelial cells. Alcohol, 2014, 48, 493-500.	0.8	18
74	Increased methylation demand exacerbates ethanol-induced liver injury. Experimental and Molecular Pathology, 2014, 97, 49-56.	0.9	16
75	Regulation of FOXO3 by phosphorylation and methylation in hepatitis C virus infection and alcohol exposure. Hepatology, 2014, 59, 58-70.	3.6	57
76	Changes in the pathogenesis of alcohol-induced liver disease â€" Preclinical studies. Experimental and Molecular Pathology, 2013, 95, 376-384.	0.9	17
77	Impact of Altered Methylation in Cytokine Signaling and Proteasome Function in Alcohol and Viralâ€Mediated Diseases. Alcoholism: Clinical and Experimental Research, 2013, 37, 1-7.	1.4	14
78	Smoke Extract Impairs Adenosine Wound Healing. Implications of Smoke-Generated Reactive Oxygen Species. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 665-673.	1.4	23
79	Methionine metabolic pathway in alcoholic liver injury. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 89-95.	1.3	46
80	Wilson's disease: Changes in methionine metabolism and inflammation affect global DNA methylation in early liver disease. Hepatology, 2013, 57, 555-565.	3.6	82
81	Betaine Treatment Attenuates Chronic Ethanol-Induced Hepatic Steatosis and Alterations to the Mitochondrial Respiratory Chain Proteome. International Journal of Hepatology, 2012, 2012, 1-10.	0.4	69
82	Ethanol and Hepatitis <scp>C</scp> Virus Suppress Peptideâ€“<scp>MHC</scp> Class <scp>I</scp> Presentation in Hepatocytes by Altering Proteasome Function. Alcoholism: Clinical and Experimental Research, 2012, 36, 2028-2035.	1.4	17
83	Malondialdehydeâ€“acetaldehyde-adducted protein inhalation causes lung injury. Alcohol, 2012, 46, 51-59.	0.8	38
84	Ethanol Lowers Glutathione in Rat Liver and Brain and Inhibits Methionine Synthase in a Cobalamin-Dependent Manner. Alcoholism: Clinical and Experimental Research, 2011, 35, 277-283.	1.4	25
85	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, 1106-1113.	1.4	62
86	Impaired methylation as a novel mechanism for proteasome suppression in liver cells. Biochemical and Biophysical Research Communications, 2010, 391, 1291-1296.	1.0	33
87	Alcoholic Liver Disease and Methionine Metabolism. Seminars in Liver Disease, 2009, 29, 155-165.	1.8	102
88	Carbon tetrachloride-induced liver damage in asialoglycoprotein receptor-deficient mice. Biochemical Pharmacology, 2009, 77, 1283-1290.	2.0	26
89	Betaine administration corrects ethanol-induced defective VLDL secretion. Molecular and Cellular Biochemistry, 2009, 327, 75-78.	1.4	77
90	Ethanol Blocks Adenosine Uptake via Inhibiting the Nucleoside Transport System in Bronchial Epithelial Cells. Alcoholism: Clinical and Experimental Research, 2009, 33, 791-798.	1.4	26

#	Article	IF	Citations
91	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, 523-527.	1.0	42
92	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.	2.2	168
93	Betaine attenuates alcoholic steatosis by restoring phosphatidylcholine generation via the phosphatidylethanolamine methyltransferase pathway. Journal of Hepatology, 2007, 46, 314-321.	1.8	175
94	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, 1119-1125.	1.8	41
95	l-Buthionine (S,R) Sulfoximine Depletes Hepatic Glutathione But Protects Against Ethanol-Induced Liver Injury. Alcoholism: Clinical and Experimental Research, 2007, 31, 1053-1060.	1.4	28
96	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, 1944-1952.	1.4	34
97	Role of transmethylation reactions in alcoholic liver disease. World Journal of Gastroenterology, 2007, 13, 4947.	1.4	36
98	S-adenosylmethionine prevents chronic alcohol-induced mitochondrial dysfunction in the rat liver. American Journal of Physiology - Renal Physiology, 2006, 291, G857-G867.	1.6	97
99	Malondialdehydeâ€“acetaldehyde adducts decrease bronchial epithelial wound repair. Alcohol, 2005, 36, 31-40.	0.8	25
100	Role of elevated S-adenosylhomocysteine in rat hepatocyte apoptosis: Protection by betaine. Biochemical Pharmacology, 2005, 70, 1883-1890.	2.0	86
101	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, 519-524.	1.3	70
102	Transforming growth factor-Î² induces contraction of activated hepatic stellate cells. Journal of Hepatology, 2004, 41, 60-66.	1.8	37
103	Betaine Lowers Elevated S-Adenosylhomocysteine Levels in Hepatocytes from Ethanol-Fed Rats. Journal of Nutrition, 2003, 133, 2845-2848.	1.3	108
104	Effect of malondialdehydeâ€“acetaldehydeâ€“protein adducts on the protein kinase C-dependent secretion of urokinase-type plasminogen activator in hepatic stellate cells. Biochemical Pharmacology, 2002, 63, 553-562.	2.0	26
105	Chronic ethanol consumption increases homocysteine accumulation in hepatocytes. Alcohol, 2001, 25, 77-81.	0.8	58
106	Malondialdehydeâ€“acetaldehydeâ€“protein adducts increase secretion of chemokines by rat hepatic stellate cells. Alcohol, 2001, 25, 123-128.	0.8	48
107	Malondialdehydeâ€“acetaldehyde-adducted bovine serum albumin activates protein kinase C and stimulates interleukin-8 release in bovine bronchial epithelial cells. Alcohol, 2001, 25, 159-166.	0.8	34
108	Ethanol Feeding Selectively Impairs the Spreading of Rat Perivenous Hepatocytes on Extracellular Matrix Substrates. Alcoholism: Clinical and Experimental Research, 1999, 23, 1673-1680.	1.4	13

#	Article	IF	Citations
109	Ethanol Administration Alters the Proteolytic Activity of Hepatic Lysosomes. Alcoholism: Clinical and Experimental Research, 1994, 18, 536-541.	1.4	56