Natalia A Osna

List of Publications by Year in Descending Order

81 papers	1,774 citations	25 h-index	38 g-index
87 ext. papers	2,097 ext. citations	5.3 avg, IF	5.02 L-index

#	Paper	IF	Citations
81	A review of alcohol-pathogen interactions: New insights into combined disease pathomechanisms.. *Alcoholism: Clinical and Experimental Research*, **2022**,	3.7	1
80	Cell-to-Cell Communications in Alcohol-Associated Liver Disease.. *Frontiers in Physiology*, **2022**, 13, 831004	4.6	3
79	Alcohol basic and translational research 15th Charles Lieber - 1st Samuel French satellite symposium.. *Experimental and Molecular Pathology*, **2022**, 104750	4.4	1
78	Ethanol attenuates presentation of cytotoxic T-lymphocyte epitopes on hepatocytes of HBV-infected humanized mice. *Alcoholism: Clinical and Experimental Research*, **2021**,	3.7	2
77	Alcohol-Induced Lysosomal Damage and Suppression of Lysosome Biogenesis Contribute to Hepatotoxicity in HIV-Exposed Liver Cells. *Biomolecules*, **2021**, 11,	5.9	5
76	Beneficial Effects of Betaine: A Comprehensive Review. *Biology*, **2021**, 10,	4.9	10
75	Elevated S-adenosylhomocysteine induces adipocyte dysfunction to promote alcohol-associated liver steatosis. *Scientific Reports*, **2021**, 11, 14693	4.9	2
74	Second hits exacerbate alcohol-related organ damage: an update. *Alcohol and Alcoholism*, **2021**, 56, 8-16	3.5	3
73	Alcohol-and-HIV-Induced Lysosomal Dysfunction Regulates Extracellular Vesicles Secretion and in Liver-Humanized Mice. *Biology*, **2021**, 10,	4.9	8
72	Pancreatogenic Diabetes: Triggering Effects of Alcohol and HIV. *Biology*, **2021**, 10,	4.9	2
71	Therapeutic targets, novel drugs, and delivery systems for diabetes associated NAFLD and liver fibrosis. *Advanced Drug Delivery Reviews*, **2021**, 176, 113888	18.5	6
70	Recent Advances in Understanding the Complexity of Alcohol-Induced Pancreatic Dysfunction and Pancreatitis Development. *Biomolecules*, **2020**, 10,	5.9	7
69	Role of non-Genetic Risk Factors in Exacerbating Alcohol-related organ damage. *Alcohol*, **2020**, 87, 63-72	2.7	0
68	Role of Elevated Intracellular S-Adenosylhomocysteine in the Pathogenesis of Alcohol-Related Liver Disease. *Cells*, **2020**, 9,	7.9	4
67	Susceptibility of Asialoglycoprotein Receptor-Deficient Mice to Lps/Galactosamine Liver Injury and Protection by Betaine Administration. *Biology*, **2020**, 10,	4.9	4
66	Role of alcohol in pathogenesis of hepatitis B virus infection. *World Journal of Gastroenterology*, **2020**, 26, 883-903	5.6	16
65	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

64	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
63	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
62	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
61	Pluronic block copolymers enhance the anti-myeloma activity of proteasome inhibitors. *Journal of Controlled Release*, **2019**, 306, 149-164	11.7	5
60	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
59	Lysosome and proteasome dysfunction in alcohol-induced liver injury. *Liver Research*, **2019**, 3, 191-205	4.1	7
58	Alcohol Metabolism Potentiates HIV-Induced Hepatotoxicity: Contribution to End-Stage Liver Disease. *Biomolecules*, **2019**, 9,	5.9	18
57	Human hepatocyte depletion in the presence of HIV-1 infection in dual reconstituted humanized mice. *Biology Open*, **2018**, 7,	2.2	15
56	Matrix stiffness regulate apoptotic cell death in HIV-HCV co-infected hepatocytes: Importance for liver fibrosis progression. *Biochemical and Biophysical Research Communications*, **2018**, 500, 717-722	3.4	15
55	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
54	Liver as a target of human immunodeficiency virus infection. *World Journal of Gastroenterology*, **2018**, 24, 4728-4737	5.6	28
53	Decreasing Phosphatidylcholine on the Surface of the Lipid Droplet Correlates with Altered Protein Binding and Steatosis. *Cells*, **2018**, 7,	7.9	13
52	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
51	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
50	Treatment options for alcoholic and non-alcoholic fatty liver disease: A review. *World Journal of Gastroenterology*, **2017**, 23, 6549-6570	5.6	112
49	Bifunctional Enzyme JMJD6 Contributes to Multiple Disease Pathogenesis: New Twist on the Old Story. *Biomolecules*, **2017**, 7,	5.9	16
48	Alcoholic Liver Disease: Pathogenesis and Current Management. *Alcohol Research: Current Reviews*, **2017**, 38, 147-161	6.8	132
47	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

46	Role of apoptotic hepatocytes in HCV dissemination: regulation by acetaldehyde. *American Journal of Physiology - Renal Physiology*, **2016**, 310, G930-40	5.1	22
45	Aberrant post-translational protein modifications in the pathogenesis of alcohol-induced liver injury. *World Journal of Gastroenterology*, **2016**, 22, 6192-200	5.6	15
44	Prolonged feeding with guanidinoacetate, a methyl group consumer, exacerbates ethanol-induced liver injury. *World Journal of Gastroenterology*, **2016**, 22, 8497-8508	5.6	5
43	Creatine Supplementation Does Not Prevent the Development of Alcoholic Steatosis. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 2312-2319	3.7	6
42	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
41	Role of defective methylation reactions in ethanol-induced dysregulation of intestinal barrier integrity. *Biochemical Pharmacology*, **2015**, 96, 30-8	6	14
40	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
39	Liver-targeted antiviral peptide nanocomplexes as potential anti-HCV therapeutics. *Biomaterials*, **2015**, 70, 37-47	15.6	23
38	Alcoholic liver disease: Clinical and translational research. *Experimental and Molecular Pathology*, **2015**, 99, 596-610	4.4	28
37	FAT10 suppression stabilizes oxidized proteins in liver cells: Effects of HCV and ethanol. *Experimental and Molecular Pathology*, **2015**, 99, 506-16	4.4	12
36	Hepatitis C, innate immunity and alcohol: friends or foes?. *Biomolecules*, **2015**, 5, 76-94	5.9	23
35	Ethanol affects hepatitis C pathogenesis: humanized SCID Alb-uPA mouse model. *Biochemical and Biophysical Research Communications*, **2014**, 450, 773-6	3.4	8
34	Alcoholic and non-alcoholic steatohepatitis. *Experimental and Molecular Pathology*, **2014**, 97, 492-510	4.4	50
33	Increased methylation demand exacerbates ethanol-induced liver injury. *Experimental and Molecular Pathology*, **2014**, 97, 49-56	4.4	14
32	Proteasome- and ethanol-dependent regulation of HCV-infection pathogenesis. *Biomolecules*, **2014** , 4, 885-96	5.9	8
31	Human hepatocytes and hematolymphoid dual reconstitution in treosulfan-conditioned uPA-NOG mice. *American Journal of Pathology*, **2014**, 184, 101-9	5.8	48
30	Alcohol consumption decreases rat hepatic creatine biosynthesis via altered guanidinoacetate methyltransferase activity. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 641-8	3.7	14
29	Mode of Oral Ethanol Feeding Affects Liver Oxidative Stress Levels and Methylation Status: Study on NS5A-Transgenic Mice. *International Journal of Biochemistry Research & Review*, **2014**, 4, 344-357	1	7

28	CYP2E1-catalyzed alcohol metabolism: role of oxidant generation in interferon signaling, antigen presentation and autophagy. *Sub-Cellular Biochemistry*, **2013**, 67, 177-97	5.5	13
27	Cellular steatosis in ethanol oxidizing-HepG2 cells is partially controlled by the transcription factor, early growth response-1. *International Journal of Biochemistry and Cell Biology*, **2013**, 45, 454-63	5.6	18
26	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
25	Antiviral peptide nanocomplexes as a potential therapeutic modality for HIV/HCV co-infection. *Biomaterials*, **2013**, 34, 3846-57	15.6	29
24	Early growth response-1 contributes to steatosis development after acute ethanol administration. *Alcoholism: Clinical and Experimental Research*, **2012**, 36, 759-67	3.7	22
23	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
22	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
21	Involvement of autophagy in alcoholic liver injury and hepatitis C pathogenesis. *World Journal of Gastroenterology*, **2011**, 17, 2507-14	5.6	29
20	Impaired methylation as a novel mechanism for proteasome suppression in liver cells. *Biochemical and Biophysical Research Communications*, **2010**, 391, 1291-6	3.4	27
19	Chronic ethanol consumption results in atypical liver injury in copper/zinc superoxide dismutase deficient mice. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 251-61	3.7	25
18	Alcohol and hepatitis C virus--interactions in immune dysfunctions and liver damage. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 1675-86	3.7	65
17	Alcohol and liver disease. *Seminars in Liver Disease*, **2009**, 29, 139	7.3	2
16	Ethanol metabolism alters major histocompatibility complex class I-restricted antigen presentation in liver cells. *Hepatology*, **2009**, 49, 1308-15	11.2	20
15	Modulation of lysozyme function and degradation after nitration with peroxynitrite. *Biochimica Et Biophysica Acta - General Subjects*, **2009**, 1790, 778-86	4	20
14	Hepatitis C virus and ethanol alter antigen presentation in liver cells. *World Journal of Gastroenterology*, **2009**, 15, 1201-8	5.6	17
13	Alcohol and liver. *World Journal of Gastroenterology*, **2009**, 15, 1162	5.6	
12	Proteasome activation by hepatitis C core protein is reversed by ethanol-induced oxidative stress. *Gastroenterology*, **2008**, 134, 2144-52	13.3	42
11	Ethanol-induced oxidative stress suppresses generation of peptides for antigen presentation by hepatoma cells. *Hepatology*, **2007**, 45, 53-61	11.2	46

10	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
9	Role of the proteasome in ethanol-induced liver pathology. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1446-59	3.7	38
8	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
7	Implication of altered proteasome function in alcoholic liver injury. *World Journal of Gastroenterology*, **2007**, 13, 4931-7	5.6	34
6	Recombinant Hep G2 cells that express alcohol dehydrogenase and cytochrome P450 2E1 as a model of ethanol-elicited cytotoxicity. *International Journal of Biochemistry and Cell Biology*, **2006**, 38, 92-101	5.6	96
5	Ethanol metabolism alters interferon gamma signaling in recombinant HepG2 cells. *Hepatology*, **2005**, 42, 1109-17	11.2	45
4	Alcohol and HIV decrease proteasome and immunoproteasome function in macrophages: implications for impaired immune function during disease. *Cellular Immunology*, **2004**, 229, 139-48	4.4	49
3	Peroxynitrite alters the catalytic activity of rodent liver proteasome in vitro and in vivo. *Hepatology*, **2004**, 40, 574-82	11.2	52
2	Interferon gamma enhances proteasome activity in recombinant Hep G2 cells that express cytochrome P4502E1: modulation by ethanol. *Biochemical Pharmacology*, **2003**, 66, 697-710	6	50
1	Intracellular proteolytic systems in alcohol-induced tissue injury. *Alcohol Research*, **2003**, 27, 317-24		5