

Natalia A Osna

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Alcoholic Liver Disease: Pathogenesis and Current Management. <i>Alcohol Research: Current Reviews</i> , 2017 , 38, 147-161	6.8	132
80	Treatment options for alcoholic and non-alcoholic fatty liver disease: A review. <i>World Journal of Gastroenterology</i> , 2017 , 23, 6549-6570	5.6	112
79	Recombinant Hep G2 cells that express alcohol dehydrogenase and cytochrome P450 2E1 as a model of ethanol-elicited cytotoxicity. <i>International Journal of Biochemistry and Cell Biology</i> , 2006 , 38, 92-101	5.6	96
78	Alcohol and hepatitis C virus--interactions in immune dysfunctions and liver damage. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 1675-86	3.7	65
77	Betaine treatment attenuates chronic ethanol-induced hepatic steatosis and alterations to the mitochondrial respiratory chain proteome. <i>International Journal of Hepatology</i> , 2012 , 2012, 962183	2.7	58
76	Peroxynitrite alters the catalytic activity of rodent liver proteasome in vitro and in vivo. <i>Hepatology</i> , 2004 , 40, 574-82	11.2	52
75	Alcoholic and non-alcoholic steatohepatitis. <i>Experimental and Molecular Pathology</i> , 2014 , 97, 492-510	4.4	50
74	Interferon gamma enhances proteasome activity in recombinant Hep G2 cells that express cytochrome P4502E1: modulation by ethanol. <i>Biochemical Pharmacology</i> , 2003 , 66, 697-710	6	50
73	Alcohol and HIV decrease proteasome and immunoproteasome function in macrophages: implications for impaired immune function during disease. <i>Cellular Immunology</i> , 2004 , 229, 139-48	4.4	49
72	Human hepatocytes and hematolymphoid dual reconstitution in treosulfan-conditioned uPA-NOG mice. <i>American Journal of Pathology</i> , 2014 , 184, 101-9	5.8	48
71	Ethanol-induced oxidative stress suppresses generation of peptides for antigen presentation by hepatoma cells. <i>Hepatology</i> , 2007 , 45, 53-61	11.2	46
70	Ethanol metabolism alters interferon gamma signaling in recombinant HepG2 cells. <i>Hepatology</i> , 2005 , 42, 1109-17	11.2	45
69	Proteasome activation by hepatitis C core protein is reversed by ethanol-induced oxidative stress. <i>Gastroenterology</i> , 2008 , 134, 2144-52	13.3	42
68	Role of the proteasome in ethanol-induced liver pathology. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1446-59	3.7	38
67	Implication of altered proteasome function in alcoholic liver injury. <i>World Journal of Gastroenterology</i> , 2007 , 13, 4931-7	5.6	34
66	Lysosomal leakage and lack of adaptation of hepatoprotective enzyme contribute to enhanced susceptibility to ethanol-induced liver injury in female rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1944-52	3.7	30
65	Acetaldehyde Disrupts Interferon Alpha Signaling in Hepatitis C Virus-Infected Liver Cells by Up-Regulating USP18. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 2329-2338	3.7	30

64	Acetaldehyde accelerates HCV-induced impairment of innate immunity by suppressing methylation reactions in liver cells. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G566-77	5.1	29
63	Antiviral peptide nanocomplexes as a potential therapeutic modality for HIV/HCV co-infection. <i>Biomaterials</i> , 2013 , 34, 3846-57	15.6	29
62	Involvement of autophagy in alcoholic liver injury and hepatitis C pathogenesis. <i>World Journal of Gastroenterology</i> , 2011 , 17, 2507-14	5.6	29
61	Alcoholic liver disease: Clinical and translational research. <i>Experimental and Molecular Pathology</i> , 2015 , 99, 596-610	4.4	28
60	Liver as a target of human immunodeficiency virus infection. <i>World Journal of Gastroenterology</i> , 2018 , 24, 4728-4737	5.6	28
59	Impaired methylation as a novel mechanism for proteasome suppression in liver cells. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 391, 1291-6	3.4	27
58	Chronic ethanol consumption results in atypical liver injury in copper/zinc superoxide dismutase deficient mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 251-61	3.7	25
57	L-Buthionine (S,R) sulfoximine depletes hepatic glutathione but protects against ethanol-induced liver injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1053-60	3.7	25
56	Liver-targeted antiviral peptide nanocomplexes as potential anti-HCV therapeutics. <i>Biomaterials</i> , 2015 , 70, 37-47	15.6	23
55	Hepatitis C, innate immunity and alcohol: friends or foes?. <i>Biomolecules</i> , 2015 , 5, 76-94	5.9	23
54	Role of apoptotic hepatocytes in HCV dissemination: regulation by acetaldehyde. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G930-40	5.1	22
53	Early growth response-1 contributes to steatosis development after acute ethanol administration. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 759-67	3.7	22
52	Ethanol metabolism alters major histocompatibility complex class I-restricted antigen presentation in liver cells. <i>Hepatology</i> , 2009 , 49, 1308-15	11.2	20
51	Modulation of lysozyme function and degradation after nitration with peroxy nitrite. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009 , 1790, 778-86	4	20
50	Cellular steatosis in ethanol oxidizing-HepG2 cells is partially controlled by the transcription factor, early growth response-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 454-63	5.6	18
49	Alcohol Metabolism Potentiates HIV-Induced Hepatotoxicity: Contribution to End-Stage Liver Disease. <i>Biomolecules</i> , 2019 , 9,	5.9	18
48	Human immunodeficiency virus and hepatotropic viruses co-morbidities as the inducers of liver injury progression. <i>World Journal of Gastroenterology</i> , 2019 , 25, 398-410	5.6	17
47	Hepatitis C virus and ethanol alter antigen presentation in liver cells. <i>World Journal of Gastroenterology</i> , 2009 , 15, 1201-8	5.6	17

46	Bifunctional Enzyme JMJD6 Contributes to Multiple Disease Pathogenesis: New Twist on the Old Story. <i>Biomolecules</i> , 2017 , 7,	5.9	16
45	Role of alcohol in pathogenesis of hepatitis B virus infection. <i>World Journal of Gastroenterology</i> , 2020 , 26, 883-903	5.6	16
44	Acetaldehyde suppresses the display of HBV-MHC class I complexes on HBV-expressing hepatocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G127-G140	5.1	15
43	Human hepatocyte depletion in the presence of HIV-1 infection in dual reconstituted humanized mice. <i>Biology Open</i> , 2018 , 7,	2.2	15
42	Matrix stiffness regulate apoptotic cell death in HIV-HCV co-infected hepatocytes: Importance for liver fibrosis progression. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 500, 717-722	3.4	15
41	Aberrant post-translational protein modifications in the pathogenesis of alcohol-induced liver injury. <i>World Journal of Gastroenterology</i> , 2016 , 22, 6192-200	5.6	15
40	Role of defective methylation reactions in ethanol-induced dysregulation of intestinal barrier integrity. <i>Biochemical Pharmacology</i> , 2015 , 96, 30-8	6	14
39	Increased methylation demand exacerbates ethanol-induced liver injury. <i>Experimental and Molecular Pathology</i> , 2014 , 97, 49-56	4.4	14
38	Alcohol consumption decreases rat hepatic creatine biosynthesis via altered guanidinoacetate methyltransferase activity. <i>Alcoholism: Clinical and Experimental Research</i> , 2014 , 38, 641-8	3.7	14
37	Structure, Function and Metabolism of Hepatic and Adipose Tissue Lipid Droplets: Implications in Alcoholic Liver Disease. <i>Current Molecular Pharmacology</i> , 2017 , 10, 237-248	3.7	14
36	CYP2E1-catalyzed alcohol metabolism: role of oxidant generation in interferon signaling, antigen presentation and autophagy. <i>Sub-Cellular Biochemistry</i> , 2013 , 67, 177-97	5.5	13
35	Demethylase JMJD6 as a New Regulator of Interferon Signaling: Effects of HCV and Ethanol Metabolism. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018 , 5, 101-112	7.9	13
34	Decreasing Phosphatidylcholine on the Surface of the Lipid Droplet Correlates with Altered Protein Binding and Steatosis. <i>Cells</i> , 2018 , 7,	7.9	13
33	FAT10 suppression stabilizes oxidized proteins in liver cells: Effects of HCV and ethanol. <i>Experimental and Molecular Pathology</i> , 2015 , 99, 506-16	4.4	12
32	Ethanol and hepatitis C virus suppress peptide-MHC class I presentation in hepatocytes by altering proteasome function. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 2028-35	3.7	12
31	Beneficial Effects of Betaine: A Comprehensive Review. <i>Biology</i> , 2021 , 10,	4.9	10
30	Mechanisms, biomarkers and targets for therapy in alcohol-associated liver injury: From Genetics to nutrition: Summary of the ISBRA 2018 symposium. <i>Alcohol</i> , 2020 , 83, 105-114	2.7	10
29	Ethanol affects hepatitis C pathogenesis: humanized SCID Alb-uPA mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 450, 773-6	3.4	8

28	Impact of altered methylation in cytokine signaling and proteasome function in alcohol and viral-mediated diseases. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 1-7	3.7	8
27	Proteasome- and ethanol-dependent regulation of HCV-infection pathogenesis. <i>Biomolecules</i> , 2014 , 4, 885-96	5.9	8
26	Alcohol-and-HIV-Induced Lysosomal Dysfunction Regulates Extracellular Vesicles Secretion and in Liver-Humanized Mice. <i>Biology</i> , 2021 , 10,	4.9	8
25	Recent Advances in Understanding the Complexity of Alcohol-Induced Pancreatic Dysfunction and Pancreatitis Development. <i>Biomolecules</i> , 2020 , 10,	5.9	7
24	Mode of Oral Ethanol Feeding Affects Liver Oxidative Stress Levels and Methylation Status: Study on NS5A-Transgenic Mice. <i>International Journal of Biochemistry Research & Review</i> , 2014 , 4, 344-357	1	7
23	Lysosome and proteasome dysfunction in alcohol-induced liver injury. <i>Liver Research</i> , 2019 , 3, 191-205	4.1	7
22	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. <i>Biomolecules</i> , 2018 , 8,	5.9	7
21	The Loss of β -and β Tubulin Proteins Are a Pathological Hallmark of Chronic Alcohol Consumption and Natural Brain Ageing. <i>Brain Sciences</i> , 2018 , 8,	3.4	7
20	Creatine Supplementation Does Not Prevent the Development of Alcoholic Steatosis. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 2312-2319	3.7	6
19	Therapeutic targets, novel drugs, and delivery systems for diabetes associated NAFLD and liver fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2021 , 176, 113888	18.5	6
18	Pluronic block copolymers enhance the anti-myeloma activity of proteasome inhibitors. <i>Journal of Controlled Release</i> , 2019 , 306, 149-164	11.7	5
17	Intracellular proteolytic systems in alcohol-induced tissue injury. <i>Alcohol Research</i> , 2003 , 27, 317-24		5
16	Prolonged feeding with guanidinoacetate, a methyl group consumer, exacerbates ethanol-induced liver injury. <i>World Journal of Gastroenterology</i> , 2016 , 22, 8497-8508	5.6	5
15	Alcohol-Induced Lysosomal Damage and Suppression of Lysosome Biogenesis Contribute to Hepatotoxicity in HIV-Exposed Liver Cells. <i>Biomolecules</i> , 2021 , 11,	5.9	5
14	Role of Elevated Intracellular S-Adenosylhomocysteine in the Pathogenesis of Alcohol-Related Liver Disease. <i>Cells</i> , 2020 , 9,	7.9	4
13	Susceptibility of Asialoglycoprotein Receptor-Deficient Mice to Lps/Galactosamine Liver Injury and Protection by Betaine Administration. <i>Biology</i> , 2020 , 10,	4.9	4
12	Acetaldehyde suppresses HBV-MHC class I complex presentation on hepatocytes via induction of ER stress and Golgi fragmentation. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 319, G432-G442	5.1	3
11	Second hits exacerbate alcohol-related organ damage: an update. <i>Alcohol and Alcoholism</i> , 2021 , 56, 8-16	3.5	3

10	Cell-to-Cell Communications in Alcohol-Associated Liver Disease.. <i>Frontiers in Physiology</i> , 2022 , 13, 8310046	4.6	3
9	Alcohol and liver disease. <i>Seminars in Liver Disease</i> , 2009 , 29, 139	7.3	2
8	Ethanol attenuates presentation of cytotoxic T-lymphocyte epitopes on hepatocytes of HBV-infected humanized mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 ,	3.7	2
7	Elevated S-adenosylhomocysteine induces adipocyte dysfunction to promote alcohol-associated liver steatosis. <i>Scientific Reports</i> , 2021 , 11, 14693	4.9	2
6	Pancreatogenic Diabetes: Triggering Effects of Alcohol and HIV. <i>Biology</i> , 2021 , 10,	4.9	2
5	A review of alcohol-pathogen interactions: New insights into combined disease pathomechanisms.. <i>Alcoholism: Clinical and Experimental Research</i> , 2022 ,	3.7	1
4	Obeticholic acid attenuates human immunodeficiency virus/alcohol metabolism-induced pro-fibrotic activation in liver cells. <i>World Journal of Hepatology</i> , 2020 , 12, 965-975	3.4	1
3	Alcohol basic and translational research 15th Charles Lieber - 1st Samuel French satellite symposium.. <i>Experimental and Molecular Pathology</i> , 2022 , 104750	4.4	1
2	Role of non-Genetic Risk Factors in Exacerbating Alcohol-related organ damage. <i>Alcohol</i> , 2020 , 87, 63-72.	2.7	0
1	Alcohol and liver. <i>World Journal of Gastroenterology</i> , 2009 , 15, 1162	5.6	