Natalia Nieto

List of Publications by Year
in descending order

63	4,380	101384 36	118652 62
papers	citations	h-index	g-index

64	64	64	6178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CYP2E1 and oxidant stress in alcoholic and non-alcoholic fatty liver disease. Journal of Hepatology, 2013, 58, 395-398.	1.8	391
2	A highâ€fat diet leads to the progression of nonâ€alcoholic fatty liver disease in obese rats. FASEB Journal, 2005, 19, 136-138.	0.2	283
3	Stimulation and proliferation of primary rat hepatic stellate cells by cytochrome P450 2E1-derived reactive oxygen species. Hepatology, 2002, 35, 62-73.	3.6	234
4	Oxidative-stress and IL-6 mediate the fibrogenic effects of rodent Kupffer cells on stellate cells. Hepatology, 2006, 44, 1487-1501.	3.6	208
5	Molecular pathogenesis of hepatic fibrosis and current therapeutic approaches. Chemico-Biological Interactions, 2011, 193, 225-231.	1.7	207
6	Endoplasmic reticulum stress induces fibrogenic activity in hepatic stellate cells through autophagy. Journal of Hepatology, 2013, 59, 98-104.	1.8	203
7	Osteopontin, an oxidant stress sensitive cytokine, up-regulates collagen-I via integrin Î±VÎ²3 engagement and PI3K/pAkt/NFÎºB signaling. Hepatology, 2012, 55, 594-608.	3.6	196
8	Cytochrome P450 2E1-derived Reactive Oxygen Species Mediate Paracrine Stimulation of Collagen I Protein Synthesis by Hepatic Stellate Cells. Journal of Biological Chemistry, 2002, 277, 9853-9864.	1.6	176
9	CYP2E1-mediated oxidative stress induces collagen type I expression in rat hepatic stellate cells. Hepatology, 1999, 30, 987-996.	3.6	175
10	Dietary Polyunsaturated Fatty Acids Improve Histological and Biochemical Alterations in Rats with Experimental Ulcerative Colitis. Journal of Nutrition, 2002, 132, 11-19.	1.3	150
11	AT1R-CB₁R heteromerization reveals a new mechanism for the pathogenic properties of angiotensin II. EMBO Journal, 2011, 30, 2350-2363.	3.5	131
12	High Mobility Group Box-1 (HMGB1) Participates in the Pathogenesis of Alcoholic Liver Disease (ALD). Journal of Biological Chemistry, 2014, 289, 22672-22691.	1.6	131
13	Extracellular Matrix and Liver Disease. Antioxidants and Redox Signaling, 2014, 21, 1078-1097.	2.5	114
14	Ethanol and Arachidonic Acid Increase Î±2(I) Collagen Expression in Rat Hepatic Stellate Cells Overexpressing Cytochrome P450 2E1. Journal of Biological Chemistry, 2000, 275, 20136-20145.	1.6	112
15	Signalling via the osteopontin and high mobility group box-1 axis drives the fibrogenic response to liver injury. Gut, 2017, 66, 1123-1137.	6.1	102
16	High Mobility Group Boxâ€1 Drives Fibrosis Progression Signaling via the Receptor for Advanced Glycation End Products in Mice. Hepatology, 2018, 68, 2380-2404.	3.6	94
17	Osteopontin induces ductular reaction contributing to liver fibrosis. Gut, 2014, 63, 1805-1818.	6.1	92
18	Osteopontin Takes Center Stage in Chronic Liver Disease. Hepatology, 2021, 73, 1594-1608.	3.6	80

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19	Highâ€Mobility Group Boxâ€1 and Liver Disease. Hepatology Communications, 2018, 2, 1005-1020.	2.0	72
20	Increased Expression of Cytochrome P450 2E1 Induces Heme Oxygenase-1 through ERK MAPK Pathway. Journal of Biological Chemistry, 2003, 278, 29693-29700.	1.6	66
21	Ethanol and fish oil induce NFÎºB transactivation of the collagen Î±2(I) promoter through lipid peroxidationâ€“driven activation of the PKC-PI3K-Akt pathway. Hepatology, 2007, 45, 1433-1445.	3.6	62
22	Alcohol and Liver Fibrosis. Seminars in Liver Disease, 2009, 29, 211-221.	1.8	59
23	Osteopontin binding to lipopolysaccharide lowers tumor necrosis factor-Î± and prevents early alcohol-induced liver injury in mice. Hepatology, 2014, 59, 1600-1616.	3.6	57
24	Ethanol and arachidonic acid synergize to activate Kupffer cells and modulate the fibrogenic response via tumor necrosis factor Î±, reduced glutathione, and transforming growth factor Î²-dependent mechanisms. Hepatology, 2008, 48, 2027-2039.	3.6	54
25	Danger signals in liver injury and restoration of homeostasis. Journal of Hepatology, 2020, 73, 933-951.	1.8	54
26	Osteopontin delays resolution of liver fibrosis. Laboratory Investigation, 2013, 93, 1082-1089.	1.7	51
27	Heme oxygenase-1 protects HepG2 cells against cytochrome P450 2E1-dependent toxicity. Free Radical Biology and Medicine, 2004, 36, 307-318.	1.3	50
28	Key Events Participating in the Pathogenesis of Alcoholic Liver Disease. Biomolecules, 2017, 7, 9.	1.8	50
29	CYP2E1-dependent toxicity and up-regulation of antioxidant genes. Journal of Biomedical Science, 2001, 8, 52-58.	2.6	49
30	S-Adenosylmethionine Blocks Collagen I Production by Preventing Transforming Growth Factor-Î² Induction of the COL1A2 Promoter. Journal of Biological Chemistry, 2005, 280, 30963-30974.	1.6	49
31	Argininosuccinate synthase conditions the response to acute and chronic ethanol-induced liver injury in mice. Hepatology, 2012, 55, 1596-1609.	3.6	49
32	Cartilage oligomeric matrix protein participates in the pathogenesis of liver fibrosis. Journal of Hepatology, 2016, 65, 963-971.	1.8	49
33	Alcohol Disrupts Endoplasmic Reticulum Function and Protein Secretion in Hepatocytes. Alcoholism: Clinical and Experimental Research, 2012, 36, 14-23.	1.4	47
34	Rat hepatic stellate cells contribute to the acute-phase response with increased expression of Î±1(I) and Î±1(IV) collagens, tissue inhibitor of metalloproteinase-1, and matrix-metalloproteinase-2 messenger RNAs. Hepatology, 2001, 33, 597-607.	3.6	46
35	Milk osteopontin, a nutritional approach to prevent alcohol-induced liver injury. American Journal of Physiology - Renal Physiology, 2013, 304, G929-G939.	1.6	41
36	Repeated whiskey binges promote liver injury in rats fed a choline-deficient diet. Journal of Hepatology, 2007, 46, 330-339.	1.8	37

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37	Arachidonic acid stimulates TNFÎ± production in Kupffer cells via a reactive oxygen species-pERK1/2-Egr1-dependent mechanism. American Journal of Physiology - Renal Physiology, 2012, 303, G228-G239.	1.6	34
38	Cytochrome P450 2E1 responsiveness in the promoter of glutamate-cysteine ligase catalytic subunit. Hepatology, 2003, 37, 96-106.	3.6	31
39	Increased Sp1-dependent Transactivation of theLAMÎ³1 Promoter in Hepatic Stellate Cells Co-cultured with HepG2 Cells Overexpressing Cytochrome P450 2E1. Journal of Biological Chemistry, 2003, 278, 15360-15372.	1.6	29
40	Transcriptome-based repurposing of apigenin as a potential anti-fibrotic agent targeting hepatic stellate cells. Scientific Reports, 2017, 7, 42563.	1.6	29
41	Reactive Nitrogen Species Switch on Early Extracellular Matrix Remodeling via Induction of MMP1 and TNFÎ±. Gastroenterology, 2009, 136, 1410-1422.e4.	0.6	25
42	Chronic diarrhea impairs intestinal antioxidant defense system in rats at weaning. Digestive Diseases and Sciences, 2000, 45, 2044-2050.	1.1	24
43	Dimensions of hepatocellular carcinoma phenotypic diversity. World Journal of Gastroenterology, 2018, 24, 4536-4547.	1.4	19
44	The Liver-Selective Nitric Oxide Donor O2-Vinyl 1-(pyrrolidin-1-yl)diazen-1-ium-1,2-diolate (V-PYRRO/NO) Protects HepG2 Cells against Cytochrome P450 2E1-Dependent Toxicity. Molecular Pharmacology, 2004, 65, 130-138.	1.0	17
45	Ablation of Hmgb1 in Intestinal Epithelial Cells Causes Intestinal Lipid Accumulation and Reduces NASH in Mice. Hepatology Communications, 2020, 4, 92-108.	2.0	13
46	Interferon Type I Regulates Inflammasome Activation and High Mobility Group Box 1 Translocation in Hepatocytes During Ehrlichiaâ€Induced Acute Liver Injury. Hepatology Communications, 2021, 5, 33-51.	2.0	13
47	Osteopontin deletion drives hematopoietic stem cell mobilization to the liver and increases hepatic iron contributing to alcoholic liver disease. Hepatology Communications, 2018, 2, 84-98.	2.0	12
48	A systems biology approach for understanding the collagen regulatory network in alcoholic liver disease. Liver International, 2012, 32, 189-198.	1.9	11
49	GCN2 kinase is a key regulator of fibrogenesis and acute and chronic liver injury induced by carbon tetrachloride in mice. Laboratory Investigation, 2013, 93, 303-310.	1.7	11
50	Intestinal Osteopontin Protects From Alcohol-induced Liver Injury by Preserving the Gut Microbiome and the Intestinal Barrier Function. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 813-839.	2.3	11
51	Aminoguanidine reduces diabetesâ€‘associated cardiac fibrosis. Experimental and Therapeutic Medicine, 2019, 18, 3125-3138.	0.8	10
52	Oxidative Stress Modulates <scp>KLF</scp>6_{Full} and Its Splice Variants. Alcoholism: Clinical and Experimental Research, 2012, 36, 1851-1862.	1.4	9
53	The Matrisome Genes From Hepatitis Bâ€“Related Hepatocellular Carcinoma Unveiled. Hepatology Communications, 2021, 5, 1571-1585.	2.0	9
54	Extracellular matrix bioengineering and systems biology approaches in liver disease. Systems and Synthetic Biology, 2011, 5, 11-20.	1.0	8

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55	CYP2E1-Dependent Toxicity and Up-Regulation of Antioxidant Genes. Journal of Biomedical Science, 2001, 8, 52-58.	2.6	7
56	The Integrated â€œMultiomicsâ€•Landscape at Peak Injury and Resolution From Alcoholâ€Associated Liver Disease. Hepatology Communications, 2022, 6, 133-160.	2.0	7
57	Cannabinoids Provoke Alcoholic Steatosis through a Conspiracy of Neighbors. Cell Metabolism, 2008, 7, 187-188.	7.2	6
58	Use of Cultured Cells in Assessing Ethanol Toxicity and Ethanol-Related Metabolism. Alcoholism: Clinical and Experimental Research, 2001, 25, 87S-93S.	1.4	6
59	Role of Hepatocyteâ€Derived Osteopontin in Liver Carcinogenesis. Hepatology Communications, 2022, 6, 692-709.	2.0	6
60	Contribution of Polyunsaturated Fatty Acids to Intestinal Repair in Protein-Energy Malnutrition. Digestive Diseases and Sciences, 2007, 52, 1485-1496.	1.1	5
61	Ablation of highâ€mobility group boxâ€1 in the liver reduces hepatocellular carcinoma but causes hyperbilirubinemia in Hippo signalingâ€deficient mice. Hepatology Communications, 2022, 6, 2155-2169.	2.0	3
62	Ethanol Plus the Jo2 Fas Agonistic Antibodyâ€Induced Liver Injury is Attenuated in Mice with Partial Ablation of Argininosuccinate Synthase. Alcoholism: Clinical and Experimental Research, 2014, 38, 649-656.	1.4	2
63	PDGFâ€BB induces the cell surface coâ€localization of laminin and dystroglycan and fibronectin and Î±5â€integrin. FASEB Journal, 2011, 25, 930.8.	0.2	0