

Pablo Muriel

List of Publications by Year in Descending Order

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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.

126
papers

4,549
citations

37
h-index

63
g-index

129
ext. papers

4,970
ext. citations

4.2
avg, IF

6.02
L-index

#	Paper	IF	Citations
126	Caffeine mitigates experimental nonalcoholic steatohepatitis and the progression of thioacetamide-induced liver fibrosis by blocking the MAPK and TGF- β /Smad3 signaling pathways.. <i>Annals of Hepatology</i> , 2022 , 27, 100671	3.1	1
125	Is Nucleoredoxin a Master Regulator of Cellular Redox Homeostasis? Its Implication in Different Pathologies.. <i>Antioxidants</i> , 2022 , 11,	7.1	1
124	Role of gut dysbiosis in chronic liver disease leading to fibrosis 2022 , 103-125		
123	Cells, cytokines, and factors involved in profibrogenic pathways 2022 , 55-83		
122	Role of free radicals in hepatic fibrogenesis 2022 , 85-101		
121	From inflammation to fibrosis 2022 , 25-53		
120	Experimental models of hepatic fibrosis 2022 , 209-230		
119	From fatty liver to nonalcoholic steatohepatitis with fibrosis 2022 , 147-173		0
118	Chronic viral hepatitis induced liver fibrosis 2022 , 175-192		
117	Models of nonalcoholic steatohepatitis potentiated by chemical inducers leading to hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2021 , 195, 114845	6	5
116	Fructose and the Liver. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	19
115	Herbal medicines for the liver: from bench to bedside. <i>European Journal of Gastroenterology and Hepatology</i> , 2020 , 32, 148-158	2.2	6
114	Curcumin downregulates Smad pathways and reduces hepatic stellate cells activation in experimental fibrosis. <i>Annals of Hepatology</i> , 2020 , 19, 497-506	3.1	6
113	Molecular Mechanisms That Link Oxidative Stress, Inflammation, and Fibrosis in the Liver. <i>Antioxidants</i> , 2020 , 9,	7.1	45
112	Free radicals, antioxidants, nuclear factor-E2-related factor-2 and liver damage. <i>Journal of Applied Toxicology</i> , 2020 , 40, 151-168	4.1	33
111	An aqueous extract of Stevia rebaudiana variety Morita II prevents liver damage in a rat model of cirrhosis that mimics the human disease. <i>Annals of Hepatology</i> , 2019 , 18, 472-479	3.1	11
110	Rebaudioside A administration prevents experimental liver fibrosis: an in vivo and in vitro study of the mechanisms of action involved. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1118-1131	4.1	14

109	Antioxidant and immunomodulatory activity induced by stevioside in liver damage: In vivo, in vitro and in silico assays. <i>Life Sciences</i> , 2019 , 224, 187-196	6.8	22
108	Naringenin attenuates the progression of liver fibrosis via inactivation of hepatic stellate cells and profibrogenic pathways. <i>European Journal of Pharmacology</i> , 2019 , 865, 172730	5.3	19
107	Phytotherapy for the Liver 2019 , 101-121		9
106	Fighting liver fibrosis to reduce mortality associated with chronic liver diseases: The importance of new molecular targets and biomarkers. <i>EBioMedicine</i> , 2019 , 40, 35-36	8.8	4
105	Stevioside inhibits experimental fibrosis by down-regulating profibrotic Smad pathways and blocking hepatic stellate cell activation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 670-680	6.1	12
104	Stevia prevents experimental cirrhosis by reducing hepatic myofibroblasts and modulating molecular profibrotic pathways. <i>Hepatology Research</i> , 2019 , 49, 212-223	5.1	10
103	Cirrhosis induced by thioacetamide is prevented by stevia. Molecular mechanisms. <i>Journal of Functional Foods</i> , 2019 , 52, 552-564	5.1	10
102	Participation of the anti-inflammatory and antioxidative activity of docosahexaenoic acid on indomethacin-induced gastric injury model. <i>European Journal of Pharmacology</i> , 2018 , 818, 585-592	5.3	11
101	Beneficial effects of naringenin in liver diseases: Molecular mechanisms. <i>World Journal of Gastroenterology</i> , 2018 , 24, 1679-1707	5.6	130
100	Stevia rebaudiana tea prevents experimental cirrhosis via regulation of NF- κ B, Nrf2, transforming growth factor beta, Smad7, and hepatic stellate cell activation. <i>Phytotherapy Research</i> , 2018 , 32, 2568-2576	6.7	16
99	Stevia Prevents Acute and Chronic Liver Injury Induced by Carbon Tetrachloride by Blocking Oxidative Stress through Nrf2 Upregulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 3823426	6.7	36
98	Coffee consumption prevents fibrosis in a rat model that mimics secondary biliary cirrhosis in humans. <i>Nutrition Research</i> , 2017 , 40, 65-74	4	16
97	Naringenin prevents experimental liver fibrosis by blocking TGF β Smad3 and JNK-Smad3 pathways. <i>World Journal of Gastroenterology</i> , 2017 , 23, 4354-4368	5.6	50
96	Quercetin reverses experimental cirrhosis by immunomodulation of the proinflammatory and profibrotic processes. <i>Fundamental and Clinical Pharmacology</i> , 2017 , 31, 610-624	3.1	21
95	Peroxidation of Lipids and Liver Damage 2017 , 237-257		4
94	L-Theanine prevents carbon tetrachloride-induced liver fibrosis via inhibition of nuclear factor κ B and down-regulation of transforming growth factor β and connective tissue growth factor. <i>Human and Experimental Toxicology</i> , 2016 , 35, 135-46	3.4	28
93	Redox state and methods to evaluate oxidative stress in liver damage: From bench to bedside. <i>Annals of Hepatology</i> , 2016 , 15, 160-73	3.1	61
92	Nicotinic acid prevents experimental liver fibrosis by attenuating the prooxidant process. <i>International Immunopharmacology</i> , 2015 , 28, 244-51	5.8	24

91	Antioxidants in liver health. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2015 , 6, 59-72	3	65
90	Immunomodulatory effects by oral contraceptives in normal and cholestatic female rats: role of cytokines. <i>International Immunopharmacology</i> , 2014 , 21, 10-9	5.8	7
89	Hesperidin prevents liver fibrosis in rats by decreasing the expression of nuclear factor- κ B, transforming growth factor- β and connective tissue growth factor. <i>Pharmacology</i> , 2014 , 94, 80-9	2.3	22
88	Caffeine prevents experimental liver fibrosis by blocking the expression of TGF- β <i>European Journal of Gastroenterology and Hepatology</i> , 2014 , 26, 164-73	2.2	44
87	Allopurinol reverses liver damage induced by chronic carbon tetrachloride treatment by decreasing oxidative stress, TGF- β production and NF- κ B nuclear translocation. <i>Pharmacology</i> , 2013 , 92, 138-49	2.3	12
86	Coffee attenuates fibrosis by decreasing the expression of TGF- β and CTGF in a murine model of liver damage. <i>Journal of Applied Toxicology</i> , 2013 , 33, 970-9	4.1	64
85	Trolox mitigates fibrosis in a bile duct ligation model. <i>Fundamental and Clinical Pharmacology</i> , 2013 , 27, 308-18	3.1	15
84	Effects of acetyl salicylic acid and ibuprofen in chronic liver damage induced by CCl ₄ . <i>Journal of Applied Toxicology</i> , 2012 , 32, 51-9	4.1	19
83	Coffee and Liver Health 2012 , 123-139		3
82	Sulfasalazine prevents the increase in TGF- β /COX-2, nuclear NF κ B translocation and fibrosis in CCl ₄ -induced liver cirrhosis in the rat. <i>Human and Experimental Toxicology</i> , 2012 , 31, 913-20	3.4	19
81	Secondary biliary cirrhosis in the rat is prevented by decreasing NF- κ B nuclear translocation and TGF- β expression using allopurinol, an inhibitor of xanthine oxidase. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012 , 90, 1469-78	2.4	6
80	Protective effects of allopurinol against acute liver damage and cirrhosis induced by carbon tetrachloride: modulation of NF- κ B, cytokine production and oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 65-75	4	38
79	Antifibrotic and antioxidant effects of N-acetylcysteine in an experimental cholestatic model. <i>European Journal of Gastroenterology and Hepatology</i> , 2012 , 24, 179-85	2.2	21
78	Coffee prevents CCl ₄ -induced liver cirrhosis in the rat. <i>Hepatology International</i> , 2011 , 5, 857-63	8.8	32
77	A novel fluorinated stilbene exerts hepatoprotective properties in CCl ₄ -induced acute liver damage. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011 , 89, 759-66	2.4	3
76	Antifibrotic and fibrolytic properties of celecoxib in liver damage induced by carbon tetrachloride in the rat. <i>Liver International</i> , 2010 , 30, 969-78	7.9	31
75	Coffee and liver diseases. <i>Fitoterapia</i> 2010 , 81, 297-305	3.2	73
74	The thalidomide analog 3-phthalimido-3-(3,4-dimethoxyphenyl)-propanoic acid improves the biliary cirrhosis in the rat. <i>Experimental and Toxicologic Pathology</i> , 2009 , 61, 471-9		4

73	NF-kappaB in liver diseases: a target for drug therapy. <i>Journal of Applied Toxicology</i> , 2009 , 29, 91-100	4.1	125
72	Morphological changes of rat astrocytes induced by liver damage but not by manganese chloride exposure. <i>Metabolic Brain Disease</i> , 2009 , 24, 243-55	3.9	9
71	Role of free radicals in liver diseases. <i>Hepatology International</i> , 2009 , 3, 526-36	8.8	249
70	Pharmacological actions of curcumin in liver diseases or damage. <i>Liver International</i> , 2009 , 29, 1457-66	7.9	113
69	N-acetylcysteine prevents carbon tetrachloride-induced liver cirrhosis: role of liver transforming growth factor-beta and oxidative stress. <i>European Journal of Gastroenterology and Hepatology</i> , 2009 , 21, 908-14	2.2	34
68	Curcumin prevents and reverses cirrhosis induced by bile duct obstruction or CCL4 in rats: role of TGF-beta modulation and oxidative stress. <i>Fundamental and Clinical Pharmacology</i> , 2008 , 22, 417-27	3.1	78
67	Resveratrol prevents fibrosis, NF-kappaB activation and TGF-beta increases induced by chronic CCL4 treatment in rats. <i>Journal of Applied Toxicology</i> , 2008 , 28, 35-43	4.1	116
66	Resveratrol and trimethylated resveratrol protect from acute liver damage induced by CCL4 in the rat. <i>Journal of Applied Toxicology</i> , 2008 , 28, 147-55	4.1	75
65	Beneficial drugs for liver diseases. <i>Journal of Applied Toxicology</i> , 2008 , 28, 93-103	4.1	115
64	Methyl palmitate prevents CCL(4)-induced liver fibrosis. <i>Journal of Applied Toxicology</i> , 2008 , 28, 1021-6	4.1	17
63	Trolox down-regulates transforming growth factor-beta and prevents experimental cirrhosis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 103, 476-81	3.1	9
62	Pharmacokinetics of diclofenac in rats intoxicated with CCL4, and in the regenerating liver. <i>Biopharmaceutics and Drug Disposition</i> , 2007 , 28, 415-22	1.7	11
61	Effect of alpha-asarone and a derivative on lipids, bile flow and Na ⁺ /K ⁺ -ATPase in ethinyl estradiol-induced cholestasis in the rat. <i>Fundamental and Clinical Pharmacology</i> , 2007 , 21, 81-8	3.1	7
60	Trans-3-phenyl-2-propenoic acid (cinnamic acid) derivatives: structure-activity relationship as hepatoprotective agents. <i>Medicinal Chemistry</i> , 2007 , 3, 475-9	1.8	34
59	Curcumin protects against acute liver damage in the rat by inhibiting NF-kappaB, proinflammatory cytokines production and oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007 , 1770, 989-96	4	179
58	Chronic bile duct obstruction induces changes in plasma and hepatic levels of cytokines and nitric oxide in the rat. <i>Experimental and Toxicologic Pathology</i> , 2006 , 58, 49-58		43
57	Inducible nitric oxide synthase is not essential for the development of fibrosis and liver damage induced by CCL4 in mice. <i>Journal of Applied Toxicology</i> , 2006 , 26, 326-32	4.1	16
56	Gadolinium Chloride Inhibits the Spontaneous Resolution of Fibrosis in CCL(4)-Induced Cirrhosis. <i>Toxicology Mechanisms and Methods</i> , 2006 , 16, 507-13	3.6	4

55	Nitric oxide production in striatum and pallidum of cirrhotic rats. <i>Neurochemical Research</i> , 2006 , 31, 11-20	4.6	11
54	Resolution of liver fibrosis in chronic CCl ₄ administration in the rat after discontinuation of treatment: effect of silymarin, silibinin, colchicine and trimethylcolchicinic acid. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 96, 375-80	3.1	55
53	Inhibition of mitochondrial respiration by nitric oxide is independent of membrane fluidity modulation or oxidation of sulfhydryl groups. <i>Journal of Applied Toxicology</i> , 2005 , 25, 522-6	4.1	4
52	Effects of silymarin and vitamins E and C on liver damage induced by prolonged biliary obstruction in the rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 94, 99-104	3.1	28
51	Immunomodulatory effects of thalidomide analogs on LPS-induced plasma and hepatic cytokines in the rat. <i>Biochemical Pharmacology</i> , 2004 , 68, 1321-9	6	29
50	Thalidomide ameliorates carbon tetrachloride induced cirrhosis in the rat. <i>European Journal of Gastroenterology and Hepatology</i> , 2003 , 15, 951-7	2.2	30
49	Ketorolac pharmacokinetics in experimental cirrhosis by bile duct ligation in the rat. <i>Annals of Hepatology</i> , 2003 , 2, 175-181	3.1	9
48	Role of manganese accumulation in increased brain glutamine of the cirrhotic rat. <i>Neurochemical Research</i> , 2003 , 28, 911-7	4.6	22
47	Kupffer cells are responsible for liver cirrhosis induced by carbon tetrachloride. <i>Journal of Applied Toxicology</i> , 2003 , 23, 103-8	4.1	86
46	Insights into the mechanism of erythrocyte Na ⁺ /K ⁺ -ATPase inhibition by nitric oxide and peroxynitrite anion. <i>Journal of Applied Toxicology</i> , 2003 , 23, 275-8	4.1	27
45	Fibrosis and glycogen stores depletion induced by prolonged biliary obstruction in the rat are ameliorated by metadoxine. <i>Liver International</i> , 2003 , 23, 262-8	7.9	35
44	Nitric oxide inhibits mitochondrial monoamine oxidase activity and decreases outer mitochondria membrane fluidity. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003 , 136, 191-7	3.2	12
43	Pirfenidone effectively reverses experimental liver fibrosis. <i>Journal of Hepatology</i> , 2002 , 37, 797-805	13.4	121
42	A method to induce manganese accumulation in the brain of the cirrhotic rat and its evaluation. <i>Brain Research Protocols</i> , 2002 , 9, 9-15		10
41	Evaluation of the effectiveness of <i>Rosmarinus officinalis</i> (Lamiaceae) in the alleviation of carbon tetrachloride-induced acute hepatotoxicity in the rat. <i>Journal of Ethnopharmacology</i> , 2002 , 81, 145-54	5	88
40	Effects of thalidomide and 3-phthalimido-3-(3,4-dimethoxyphenyl)-propanamide on bile duct obstruction-induced cirrhosis in the rat. <i>Drug Development Research</i> , 2001 , 54, 209-218	5.1	18
39	Striatal manganese accumulation induces changes in dopamine metabolism in the cirrhotic rat. <i>Brain Research</i> , 2001 , 891, 123-9	3.7	72
38	Kupffer cells inhibition prevents hepatic lipid peroxidation and damage induced by carbon tetrachloride. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001 , 130, 219-26	3.2	41

37	Regulation of nitric oxide synthesis in the liver. <i>Journal of Applied Toxicology</i> , 2000 , 20, 189-95	4.1	47
36	Hepatic basolateral plasma high-affinity Ca ²⁺ -ATPase is inhibited by nitric oxide and peroxynitrite anion. <i>Journal of Applied Toxicology</i> , 2000 , 20, 435-9	4.1	9
35	Tight junction proteins ZO-1, ZO-2, and occludin along isolated renal tubules. <i>Kidney International</i> , 2000 , 57, 2386-402	9.9	98
34	Nitric oxide and peroxynitrite anion modulate liver plasma membrane fluidity and Na ⁽⁺⁾ /K ⁽⁺⁾ -ATPase activity. <i>Nitric Oxide - Biology and Chemistry</i> , 2000 , 4, 333-42	5	75
33	Nitric oxide and inducible nitric oxide synthase expression are downregulated in acute cholestasis in the rat accompanied by liver ischemia. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 2000 , 127, 243-9		6
32	Role of nitric oxide in the antifibrotic and anticholestatic actions of interferon- α 2b. <i>Drug Development Research</i> , 1999 , 48, 45-52	5.1	7
31	Role of glutathione, lipid peroxidation and antioxidants on acute bile-duct obstruction in the rat. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999 , 1472, 173-80	4	76
30	Nitric oxide protection of rat liver from lipid peroxidation, collagen accumulation, and liver damage induced by carbon tetrachloride. <i>Biochemical Pharmacology</i> , 1998 , 56, 773-9	6	132
29	Effects of S-adenosyl-L-methionine and interferon-alpha2b on liver damage induced by bile duct ligation in rats. <i>Journal of Applied Toxicology</i> , 1998 , 18, 143-7	4.1	8
28	Liver damage induced by acute cholestasis in the rat is ameliorated partially by L-arginine. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998 , 120, 421-4		14
27	Dose-response studies of interferon-alpha 2b on liver fibrosis and cholestasis induced by biliary obstruction in rats. <i>Pharmacology</i> , 1997 , 54, 179-85	2.3	16
26	Trimethylcolchicinic acid decreases liver fibrosis and cholestasis induced by prolonged biliary obstruction in the rat. <i>Journal of Applied Toxicology</i> , 1997 , 17, 145-51	4.1	6
25	Alpha-interferon prevents liver collagen deposition and damage induced by prolonged bile duct obstruction in the rat. <i>Journal of Hepatology</i> , 1996 , 24, 614-21	13.4	33
24	Effect of colchicine and trimethylcolchicinic acid on CCl ₄ -induced cirrhosis in the rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1996 , 79, 241-6		7
23	Comparative study of colchicine and trimethylcolchicinic acid on prolonged bile duct obstruction in the rat. <i>Journal of Applied Toxicology</i> , 1996 , 16, 269-75	4.1	7
22	Interferon-alpha 2b increases fibrolysis in fibrotic livers from bile duct ligated rats: possible participation of the plasminogen activator. <i>Pharmacology</i> , 1995 , 51, 341-6	2.3	15
21	Remission of liver fibrosis by interferon-alpha 2b. <i>Biochemical Pharmacology</i> , 1995 , 50, 515-20	6	35
20	Caffeic acid prevents liver damage and ameliorates liver fibrosis induced by CCl ₄ in the rat. <i>Drug Development Research</i> , 1995 , 36, 125-128	5.1	8

19	Protective effect of colchicine on acute liver damage induced by CCl ₄ . Role of cytochrome P-450. <i>Journal of Applied Toxicology</i> , 1995 , 15, 49-52	4.1	19
18	High fat diet and liver damage induced by biliary obstruction in the rat. <i>Journal of Applied Toxicology</i> , 1995 , 15, 125-8	4.1	6
17	Interferon-alpha preserves erythrocyte and hepatocyte ATPase activities from liver damage induced by prolonged bile duct ligation in the rat. <i>Journal of Applied Toxicology</i> , 1995 , 15, 449-53	4.1	6
16	Cimetidine prevents and partially reverses CCl ₄ -induced liver cirrhosis. <i>Journal of Applied Toxicology</i> , 1994 , 14, 87-90	4.1	9
15	Role of lipid peroxidation in biliary obstruction in the rat. <i>Journal of Applied Toxicology</i> , 1994 , 14, 423-6	4.1	41
14	Protective effect of S-adenosyl-L-methionine on liver damage induced by biliary obstruction in rats: a histological, ultrastructural and biochemical approach. <i>Journal of Hepatology</i> , 1994 , 21, 95-102	13.4	53
13	Effect of alpha-interferon on erythrocyte and hepatocyte plasma membranes derived from cirrhotic rats. <i>Pharmacology</i> , 1994 , 48, 63-8	2.3	16
12	Effect of colchicine on acetaminophen-induced liver damage. <i>Liver</i> , 1993 , 13, 217-21		13
11	Erythrocyte alterations correlate with CCl ₄ and biliary obstruction-induced liver damage in the rat. <i>Life Sciences</i> , 1993 , 52, 647-55	6.8	11
10	Effects of leukotriene synthesis inhibition on acute liver damage induced by carbon tetrachloride. <i>Pharmacology</i> , 1993 , 47, 330-6	2.3	21
9	S-adenosyl-L-methionine prevents and reverses erythrocyte membrane alterations in cirrhosis. <i>Journal of Applied Toxicology</i> , 1993 , 13, 179-82	4.1	18
8	Effect of silymarin and silybinin on oxygen radicals. <i>Drug Development Research</i> , 1993 , 29, 73-77	5.1	29
7	Characterization of membrane fraction lipid composition and function of cirrhotic rat liver. Role of S-adenosyl-L-methionine. <i>Journal of Hepatology</i> , 1992 , 14, 16-21	13.4	37
6	Silymarin protects against paracetamol-induced lipid peroxidation and liver damage. <i>Journal of Applied Toxicology</i> , 1992 , 12, 439-42	4.1	198
5	Prevention by silymarin of membrane alterations in acute CCl ₄ liver damage. <i>Journal of Applied Toxicology</i> , 1990 , 10, 275-9	4.1	163
4	The role of membrane composition in ATPase activities of cirrhotic rat liver: effect of silymarin. <i>Journal of Applied Toxicology</i> , 1990 , 10, 281-4	4.1	50
3	Prevention of CCl ₄ -induced liver cirrhosis by silymarin. <i>Fundamental and Clinical Pharmacology</i> , 1989 , 3, 183-91	3.1	125
2	Cytokines in Liver Diseases 371-389		15

1 Some Experimental Models of Liver Damage 119-137

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