David A Brenner

List of Publications by Citations

326 papers	42,110 citations	115 h-index	198 g-index
368 ext. papers	47,325 ext. citations	8.1 avg, IF	7.59 L-index

#	Paper	IF	Citations
326	Liver fibrosis. *Journal of Clinical Investigation*, **2005**, 115, 209-18	15.9	3497
325	TLR4 enhances TGF-beta signaling and hepatic fibrosis. *Nature Medicine*, **2007**, 13, 1324-32	50.5	1395
324	The mitochondrial permeability transition in cell death: a common mechanism in necrosis, apoptosis and autophagy. *Biochimica Et Biophysica Acta - Bioenergetics*, **1998**, 1366, 177-96	4.6	1034
323	Prolonged activation of jun and collagenase genes by tumour necrosis factor-alpha. *Nature*, **1989**, 337, 661-3	50.4	687
322	Pericytes and perivascular fibroblasts are the primary source of collagen-producing cells in obstructive fibrosis of the kidney. *American Journal of Pathology*, **2008**, 173, 1617-27	5.8	644
321	Interactions between the intestinal microbiome and liver diseases. *Gastroenterology*, **2014**, 146, 1513-24	13.3	596
320	Toll-like receptors and adaptor molecules in liver disease: update. *Hepatology*, **2008**, 48, 322-35	11.2	544
319	Toll-like receptor 9 promotes steatohepatitis by induction of interleukin-1beta in mice. *Gastroenterology*, **2010**, 139, 323-34.e7	13.3	528
318	Myofibroblasts revert to an inactive phenotype during regression of liver fibrosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 9448-53	11.5	509
317	Mechanisms of Liver Injury. I. TNF-alpha-induced liver injury: role of IKK, JNK, and ROS pathways. *American Journal of Physiology - Renal Physiology*, **2006**, 290, G583-9	5.1	503
316	Toll-like receptor 4 mediates inflammatory signaling by bacterial lipopolysaccharide in human hepatic stellate cells. *Hepatology*, **2003**, 37, 1043-55	11.2	498
315	Enteric dysbiosis associated with a mouse model of alcoholic liver disease. *Hepatology*, **2011**, 53, 96-105	11.2	494
314	Liver inflammation and fibrosis. *Journal of Clinical Investigation*, **2017**, 127, 55-64	15.9	485
313	The gut-liver axis and the intersection with the microbiome. *Nature Reviews Gastroenterology and Hepatology*, **2018**, 15, 397-411	24.2	465
312	Gut Microbiome-Based Metagenomic Signature for Non-invasive Detection of Advanced Fibrosis in Human Nonalcoholic Fatty Liver Disease. *Cell Metabolism*, **2017**, 25, 1054-1062.e5	24.6	457
311	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. *Nature Medicine*, **2015**, 21, 159-65	50.5	420
310	NADPH oxidase signal transduces angiotensin II in hepatic stellate cells and is critical in hepatic fibrosis. *Journal of Clinical Investigation*, **2003**, 112, 1383-94	15.9	414

309	Interleukin-17 signaling in inflammatory, Kupffer cells, and hepatic stellate cells exacerbates liver fibrosis in mice. *Gastroenterology*, **2012**, 143, 765-776.e3	13.3	400
308	Hepatic stellate cells as a target for the treatment of liver fibrosis. *Seminars in Liver Disease*, **2001**, 21, 437-51	7.3	388
307	Bone marrow-derived fibrocytes participate in pathogenesis of liver fibrosis. *Journal of Hepatology*, **2006**, 45, 429-38	13.4	387
306	Casein kinase II is a negative regulator of c-Jun DNA binding and AP-1 activity. *Cell*, **1992**, 70, 777-89	56.2	379
305	Cryptochrome mediates circadian regulation of cAMP signaling and hepatic gluconeogenesis. *Nature Medicine*, **2010**, 16, 1152-6	50.5	370
304	The mitochondrial permeability transition is required for tumor necrosis factor alpha-mediated apoptosis and cytochrome c release. *Molecular and Cellular Biology*, **1998**, 18, 6353-64	4.8	361
303	Resident fibroblast lineages mediate pressure overload-induced cardiac fibrosis. *Journal of Clinical Investigation*, **2014**, 124, 2921-34	15.9	359
302	Gene expression profiles during hepatic stellate cell activation in culture and in vivo. *Gastroenterology*, **2007**, 132, 1937-46	13.3	345
301	A liver full of JNK: signaling in regulation of cell function and disease pathogenesis, and clinical approaches. *Gastroenterology*, **2012**, 143, 307-20	13.3	344
300	Toll-like receptor signaling in the liver. *Gastroenterology*, **2006**, 130, 1886-900	13.3	335
299	Mechanisms of fibrogenesis. *Experimental Biology and Medicine*, **2008**, 233, 109-22	3.7	328
298	Free cholesterol-loaded macrophages are an abundant source of tumor necrosis factor-alpha and interleukin-6: model of NF-kappaB- and map kinase-dependent inflammation in advanced atherosclerosis. *Journal of Biological Chemistry*, **2005**, 280, 21763-72	5.4	328
297	Identification of small molecule activators of cryptochrome. *Science*, **2012**, 337, 1094-7	33.3	320
296	Utility of magnetic resonance imaging versus histology for quantifying changes in liver fat in nonalcoholic fatty liver disease trials. *Hepatology*, **2013**, 58, 1930-40	11.2	315
295	The role of TGFbeta1 in initiating hepatic stellate cell activation in vivo. *Journal of Hepatology*, **1999** , 30, 77-87	13.4	310
294	CCR2 promotes hepatic fibrosis in mice. *Hepatology*, **2009**, 50, 185-97	11.2	309
293	Magnetic resonance elastography predicts advanced fibrosis in patients with nonalcoholic fatty liver disease: a prospective study. *Hepatology*, **2014**, 60, 1920-8	11.2	304
292	Origin of myofibroblasts in the fibrotic liver in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E3297-305	11.5	303

291	Ceramide activates the stress-activated protein kinases. *Journal of Biological Chemistry*, **1995**, 270, 22689-92	3.4	303
290	CCR1 and CCR5 promote hepatic fibrosis in mice. *Journal of Clinical Investigation*, **2009**, 119, 1858-70	15.9	300
289	Role of mitochondrial inner membrane permeabilization in necrotic cell death, apoptosis, and autophagy. *Antioxidants and Redox Signaling*, **2002**, 4, 769-81	8.4	299
288	Mitochondrial dysfunction in the pathogenesis of necrotic and apoptotic cell death. *Journal of Bioenergetics and Biomembranes*, **1999**, 31, 305-19	3.7	287
287	Genetic polymorphisms and the progression of liver fibrosis: a critical appraisal. *Hepatology*, **2003**, 37, 493-503	11.2	253
286	Hepatocytes do not undergo epithelial-mesenchymal transition in liver fibrosis in mice. *Hepatology*, **2010**, 51, 1027-36	11.2	249
285	Fibroblast-specific protein 1 identifies an inflammatory subpopulation of macrophages in the liver. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 308-13	11.5	242
284	Correlation between liver histology and novel magnetic resonance imaging in adult patients with non-alcoholic fatty liver disease - MRI accurately quantifies hepatic steatosis in NAFLD. *Alimentary Pharmacology and Therapeutics*, **2012**, 36, 22-9	6.1	234
283	Ezetimibe for the treatment of nonalcoholic steatohepatitis: assessment by novel magnetic resonance imaging and magnetic resonance elastography in a randomized trial (MOZART trial). *Hepatology*, **2015**, 61, 1239-50	11.2	233
282	Bacterial translocation and changes in the intestinal microbiome in mouse models of liver disease. *Journal of Hepatology*, **2012**, 56, 1283-92	13.4	219
281	The role of focal adhesion kinase-phosphatidylinositol 3-kinase-akt signaling in hepatic stellate cell proliferation and type I collagen expression. *Journal of Biological Chemistry*, **2003**, 278, 8083-90	5.4	219
280	Disruption of TAK1 in hepatocytes causes hepatic injury, inflammation, fibrosis, and carcinogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 844-9	11.5	216
279	Nicotinamide adenine dinucleotide phosphate oxidase in experimental liver fibrosis: GKT137831 as a novel potential therapeutic agent. *Hepatology*, **2012**, 56, 2316-27	11.2	215
278	Hepatic stellate cells secrete angiopoietin 1 that induces angiogenesis in liver fibrosis. *Gastroenterology*, **2008**, 135, 1729-38	13.3	214
277	Role of hepatic stellate cells in fibrogenesis and the reversal of fibrosis. *Journal of Gastroenterology and Hepatology (Australia)*, **2007**, 22 Suppl 1, S73-8	4	207
276	c-Jun-N-terminal kinase drives cyclin D1 expression and proliferation during liver regeneration. *Hepatology*, **2003**, 37, 824-32	11.2	205
275	Sitagliptin vs. placebo for non-alcoholic fatty liver disease: A randomized controlled trial. *Journal of Hepatology*, **2016**, 65, 369-76	13.4	205
274	Hepatitis C virus core and nonstructural proteins induce fibrogenic effects in hepatic stellate cells. *Gastroenterology*, **2004**, 126, 529-40	13.3	200

273	Hepatitis C virus-induced oxidative stress suppresses hepcidin expression through increased histone deacetylase activity. *Hepatology*, **2008**, 48, 1420-9	11.2	199
272	A dual reporter gene transgenic mouse demonstrates heterogeneity in hepatic fibrogenic cell populations. *Hepatology*, **2004**, 40, 1151-9	11.2	199
271	M2-like macrophages are responsible for collagen degradation through a mannose receptor-mediated pathway. *Journal of Cell Biology*, **2013**, 202, 951-66	7.3	198
270	Intestinal REG3 Lectins Protect against Alcoholic Steatohepatitis by Reducing Mucosa-Associated Microbiota and Preventing Bacterial Translocation. *Cell Host and Microbe*, **2016**, 19, 227-39	23.4	197
269	Human hepatic stellate cells express CCR5 and RANTES to induce proliferation and migration. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G949-58	5.1	197
268	The role of Smad3 in mediating mouse hepatic stellate cell activation. *Hepatology*, **2001**, 34, 89-100	11.2	197
267	Delivery of matrix metalloproteinase-1 attenuates established liver fibrosis in the rat. *Gastroenterology*, **2003**, 124, 445-58	13.3	195
266	Hepatic stellate cells and the reversal of fibrosis. *Journal of Gastroenterology and Hepatology (Australia)*, **2006**, 21 Suppl 3, S84-7	4	194
265	Role of glycogen synthase kinase-3 in TNF-alpha-induced NF-kappaB activation and apoptosis in hepatocytes. *American Journal of Physiology - Renal Physiology*, **2002**, 283, G204-11	5.1	194
264	Aging and liver disease. *Current Opinion in Gastroenterology*, **2015**, 31, 184-91	3	184
263	Toll-like receptor 2 and palmitic acid cooperatively contribute to the development of nonalcoholic steatohepatitis through inflammasome activation in mice. *Hepatology*, **2013**, 57, 577-89	11.2	184
262	Effect of colesevelam on liver fat quantified by magnetic resonance in nonalcoholic steatohepatitis: a randomized controlled trial. *Hepatology*, **2012**, 56, 922-32	11.2	181
261	The enzymatic defect in variegate prophyria. Studies with human cultured skin fibroblasts. *New England Journal of Medicine*, **1980**, 302, 765-9	59.2	180
260	JNK mediates hepatic ischemia reperfusion injury. *Journal of Hepatology*, **2005**, 42, 850-9	13.4	178
259	Alcohol causes both tolerance and sensitization of rat Kupffer cells via mechanisms dependent on endotoxin. *Gastroenterology*, **1998**, 115, 443-51	13.3	175
258	Roles for C16-ceramide and sphingosine 1-phosphate in regulating hepatocyte apoptosis in response to tumor necrosis factor-alpha. *Journal of Biological Chemistry*, **2005**, 280, 27879-87	5.4	175
257	Genetic labeling does not detect epithelial-to-mesenchymal transition of cholangiocytes in liver fibrosis in mice. *Gastroenterology*, **2010**, 139, 987-98	13.3	173
256	Recent advancement of molecular mechanisms of liver fibrosis. *Journal of Hepato-Biliary-Pancreatic Sciences*, **2015**, 22, 512-8	2.8	170

255	Inhibition of NFkappaB in activated rat hepatic stellate cells by proteasome inhibitors and an IkappaB super-repressor. *Hepatology*, **1998**, 27, 1285-95	11.2	164
254	Oncogenic Ras activates c-Jun via a separate pathway from the activation of extracellular signal-regulated kinases. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 6030-4	11.5	163
253	Antifibrotic effects of a tissue inhibitor of metalloproteinase-1 antibody on established liver fibrosis in rats. *Hepatology*, **2004**, 40, 1106-15	11.2	162
252	NF-kappaB inactivation converts a hepatocyte cell line TNF-alpha response from proliferation to apoptosis. *American Journal of Physiology - Cell Physiology*, **1998**, 275, C1058-66	5.4	159
251	What□s new in liver fibrosis? The origin of myofibroblasts in liver fibrosis. *Journal of Gastroenterology and Hepatology (Australia)*, **2012**, 27 Suppl 2, 65-8	4	157
250	Molecular pathogenesis of liver fibrosis. *Transactions of the American Clinical and Climatological Association*, **2009**, 120, 361-8	0.9	157
249	Innate immunity in alcoholic liver disease. *American Journal of Physiology - Renal Physiology*, **2011**, 300, G516-25	5.1	156
248	Monocytes-macrophages that express □-smooth muscle actin preserve primitive hematopoietic cells in the bone marrow. *Nature Immunology*, **2012**, 13, 1072-82	19.1	154
247	The focal adhesion kinase suppresses transformation-associated, anchorage-independent apoptosis in human breast cancer cells. Involvement of death receptor-related signaling pathways. *Journal of Biological Chemistry*, **2000**, 275, 30597-604	5.4	153
246	Role of NADPH oxidases in liver fibrosis. *Antioxidants and Redox Signaling*, **2014**, 20, 2854-72	8.4	151
245	Loss of MMP 13 attenuates murine hepatic injury and fibrosis during cholestasis. *Hepatology*, **2006**, 44, 420-9	11.2	150
244	New aspects of hepatic fibrosis. *Journal of Hepatology*, **2000**, 32, 32-8	13.4	147
243	The nicotinamide adenine dinucleotide phosphate oxidase (NOX) homologues NOX1 and NOX2/gp91(phox) mediate hepatic fibrosis in mice. *Hepatology*, **2011**, 53, 1730-41	11.2	145
242	Anandamide induces necrosis in primary hepatic stellate cells. *Hepatology*, **2005**, 41, 1085-95	11.2	142
241	c-Jun N-terminal kinase-1 from hematopoietic cells mediates progression from hepatic steatosis to steatohepatitis and fibrosis in mice. *Gastroenterology*, **2009**, 137, 1467-1477.e5	13.3	141
240	Deletion of IKK2 in hepatocytes does not sensitize these cells to TNF-induced apoptosis but protects from ischemia/reperfusion injury. *Journal of Clinical Investigation*, **2005**, 115, 849-59	15.9	140
239	DNase I-hypersensitive sites enhance alpha1(I) collagen gene expression in hepatic stellate cells. *Hepatology*, **2003**, 37, 267-76	11.2	138
238	Decreasing fibrogenesis: an immunohistochemical study of paired liver biopsies following lamivudine therapy for chronic hepatitis B. *Journal of Hepatology*, **2001**, 35, 749-55	13.4	138

237	NF-kappaB stimulates inducible nitric oxide synthase to protect mouse hepatocytes from TNF-alpha- and Fas-mediated apoptosis. *Gastroenterology*, **2001**, 120, 1251-62	13.3	134
236	TNF-alpha-induced sphingosine 1-phosphate inhibits apoptosis through a phosphatidylinositol 3-kinase/Akt pathway in human hepatocytes. *Journal of Immunology*, **2001**, 167, 173-80	5.3	133
235	NF-kappaB inhibits expression of the alpha1(I) collagen gene. *DNA and Cell Biology*, **1999**, 18, 751-61	3.6	133
234	Concanavalin A-induced liver cell damage: activation of intracellular pathways triggered by tumor necrosis factor in mice. *Gastroenterology*, **1998**, 114, 1035-45	13.3	132
233	High molecular weight adiponectin inhibits proliferation of hepatic stellate cells via activation of adenosine monophosphate-activated protein kinase. *Hepatology*, **2008**, 47, 677-85	11.2	131
232	Systemic infusion of angiotensin II exacerbates liver fibrosis in bile duct-ligated rats. *Hepatology*, **2005**, 41, 1046-55	11.2	131
231	CD40 activates NF-kappa B and c-Jun N-terminal kinase and enhances chemokine secretion on activated human hepatic stellate cells. *Journal of Immunology*, **2001**, 166, 6812-9	5.3	131
230	Differential requirement for c-Jun NH2-terminal kinase in TNFalpha- and Fas-mediated apoptosis in hepatocytes. *FASEB Journal*, **2004**, 18, 720-2	0.9	129
229	Mechanisms of alcohol-induced hepatic fibrosis: a summary of the Ron Thurman Symposium. *Hepatology*, **2006**, 43, 872-8	11.2	128
228	Liver fibrosis: signals leading to the amplification of the fibrogenic hepatic stellate cell. *Frontiers in Bioscience - Landmark*, **2003**, 8, d69-77	2.8	128
227	Nuclear factor kappaB in proliferation, activation, and apoptosis in rat hepatic stellate cells. *Journal of Hepatology*, **2000**, 33, 49-58	13.4	128
226	A gut microbiome signature for cirrhosis due to nonalcoholic fatty liver disease. *Nature Communications*, **2019**, 10, 1406	17.4	127
225	Anti-fibrogenic strategies and the regression of fibrosis. *Baillierels Best Practice and Research in Clinical Gastroenterology*, **2011**, 25, 305-17	2.5	127
224	NOX in liver fibrosis. *Archives of Biochemistry and Biophysics*, **2007**, 462, 266-72	4.1	127
223	Mechanisms of hepatic toxicity. I. TNF-induced liver injury. *American Journal of Physiology - Renal Physiology*, **1998**, 275, G387-92	5.1	127
222	CX3CL1-CX3CR1 interaction prevents carbon tetrachloride-induced liver inflammation and fibrosis in mice. *Hepatology*, **2010**, 52, 1390-400	11.2	124
221	Fibrogenesis of parenchymal organs. *Proceedings of the American Thoracic Society*, **2008**, 5, 338-42		123
220	Liver fibrogenesis: a new role for the renin-angiotensin system. *Antioxidants and Redox Signaling*, **2005**, 7, 1346-55	8.4	122

219	Deficiency of NOX1 or NOX4 Prevents Liver Inflammation and Fibrosis in Mice through Inhibition of Hepatic Stellate Cell Activation. *PLoS ONE*, **2015**, 10, e0129743	3.7	121
218	The mitochondrial permeability transition augments Fas-induced apoptosis in mouse hepatocytes. *Journal of Biological Chemistry*, **2000**, 275, 11814-23	5.4	121
217	Differential expression of human lysyl hydroxylase genes, lysine hydroxylation, and cross-linking of type I collagen during osteoblastic differentiation in vitro. *Journal of Bone and Mineral Research*, **1999**, 14, 1272-80	6.3	121
216	A simplified method for the preparation of transcriptionally active liver nuclear extracts. *DNA and Cell Biology*, **1990**, 9, 777-81	3.6	120
215	Gastric acid suppression promotes alcoholic liver disease by inducing overgrowth of intestinal Enterococcus. *Nature Communications*, **2017**, 8, 837	17.4	118
214	Modulation of the intestinal bile acid/farnesoid X receptor/fibroblast growth factor 15 axis improves alcoholic liver disease in mice. *Hepatology*, **2018**, 67, 2150-2166	11.2	118
213	Commensal microbiota is hepatoprotective and prevents liver fibrosis in mice. *FASEB Journal*, **2015**, 29, 1043-55	0.9	117
212	Novel 3D Magnetic Resonance Elastography for the Noninvasive Diagnosis of Advanced Fibrosis in NAFLD: A Prospective Study. *American Journal of Gastroenterology*, **2016**, 111, 986-94	0.7	115
211	The forkhead transcription factor FoxO1 regulates proliferation and transdifferentiation of hepatic stellate cells. *Gastroenterology*, **2007**, 132, 1434-46	13.3	115
210	Protection from liver fibrosis by a peroxisome proliferator-activated receptor □agonist. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E1369-76	11.5	113
209	Enhanced sensitivity to DSS colitis caused by a hypomorphic Mbtps1 mutation disrupting the ATF6-driven unfolded protein response. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 3300-5	11.5	110
208	Gliotoxin-mediated apoptosis of activated human hepatic stellate cells. *Journal of Hepatology*, **2003**, 39, 38-46	13.4	110
207	Development of a new, simple rat model of early alcohol-induced liver injury based on sensitization of Kupffer cells. *Hepatology*, **1999**, 29, 1680-9	11.2	110
206	Role of toll-like receptors and their downstream molecules in the development of nonalcoholic Fatty liver disease. *Gastroenterology Research and Practice*, **2010**, 2010, 362847	2	109
205	TAK1-mediated autophagy and fatty acid oxidation prevent hepatosteatosis and tumorigenesis. *Journal of Clinical Investigation*, **2014**, 124, 3566-78	15.9	108
204	Microbiome 101: Studying, Analyzing, and Interpreting Gut Microbiome Data for Clinicians. *Clinical Gastroenterology and Hepatology*, **2019**, 17, 218-230	6.9	107
203	The Role of NADPH Oxidases (NOXs) in Liver Fibrosis and the Activation of Myofibroblasts. *Frontiers in Physiology*, **2016**, 7, 17	4.6	103
202	Role of Kupffer cells and gut-derived endotoxins in alcoholic liver injury. *Journal of Gastroenterology and Hepatology (Australia)*, **2000**, 15 Suppl, D20-5	4	101

201	Angiotensin-converting-enzyme 2 inhibits liver fibrosis in mice. *Hepatology*, **2009**, 50, 929-38	11.2	100
200	Prolonged infusion of angiotensin II into normal rats induces stellate cell activation and proinflammatory events in liver. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G642-51	5.1	98
199	TAK1/JNK and p38 have opposite effects on rat hepatic stellate cells. *Hepatology*, **2001**, 34, 953-63	11.2	98
198	Effects of losartan on hepatic expression of nonphagocytic NADPH oxidase and fibrogenic genes in patients with chronic hepatitis C. *American Journal of Physiology - Renal Physiology*, **2009**, 297, G726-34	5.1	95
197	Inherited human cPLA(2alpha) deficiency is associated with impaired eicosanoid biosynthesis, small intestinal ulceration, and platelet dysfunction. *Journal of Clinical Investigation*, **2008**, 118, 2121-31	15.9	95
196	Attenuated hepatic inflammation and fibrosis in angiotensin type 1a receptor deficient mice. *Journal of Hepatology*, **2005**, 43, 317-23	13.4	94
195	NADPH oxidase in the liver: defensive, offensive, or fibrogenic?. *Gastroenterology*, **2006**, 131, 272-5	13.3	94
194	Oxidative stress in alcoholic liver disease: role of NADPH oxidase complex. *Journal of Gastroenterology and Hepatology (Australia)*, **2008**, 23 Suppl 1, S98-103	4	93
193	Link between gut-microbiome derived metabolite and shared gene-effects with hepatic steatosis and fibrosis in NAFLD. *Hepatology*, **2018**, 68, 918-932	11.2	92
192	Toll-like receptor 4 mediates alcohol-induced steatohepatitis through bone marrow-derived and endogenous liver cells in mice. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 1509-18	3.7	92
191	Akt protects mouse hepatocytes from TNF-alpha- and Fas-mediated apoptosis through NK-kappa B activation. *American Journal of Physiology - Renal Physiology*, **2001**, 281, G1357-68	5.1	92
190	Nonalcoholic fatty liver disease with cirrhosis increases familial risk for advanced fibrosis. *Journal of Clinical Investigation*, **2017**, 127, 2697-2704	15.9	90
189	Migration of fibrocytes in fibrogenic liver injury. *American Journal of Pathology*, **2011**, 179, 189-98	5.8	90
188	In vivo pattern of lipopolysaccharide and anti-CD3-induced NF-kappa B activation using a novel gene-targeted enhanced GFP reporter gene mouse. *Journal of Immunology*, **2004**, 173, 1561-70	5.3	90
187	Kupffer cell-derived prostaglandin E(2) is involved in alcohol-induced fat accumulation in rat liver. *American Journal of Physiology - Renal Physiology*, **2000**, 279, G100-6	5.1	89
186	The Role of Fibrosis and Liver-Associated Fibroblasts in the Pathogenesis of Hepatocellular Carcinoma. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	87
185	Immortal activated human hepatic stellate cells generated by ectopic telomerase expression. *Laboratory Investigation*, **2002**, 82, 323-33	5.9	87
184	Toll-like receptor 2-mediated intestinal injury and enteric tumor necrosis factor receptor I contribute to liver fibrosis in mice. *Gastroenterology*, **2012**, 143, 1330-1340.e1	13.3	85

183	Recommendations for Probiotic Use--2015 Update: Proceedings and Consensus Opinion. *Journal of Clinical Gastroenterology*, **2015**, 49 Suppl 1, S69-73	3	83
182	Reduction of advanced liver fibrosis by short-term targeted delivery of an angiotensin receptor blocker to hepatic stellate cells in rats. *Hepatology*, **2010**, 51, 942-52	11.2	81
181	TNFalpha is required for cholestasis-induced liver fibrosis in the mouse. *Biochemical and Biophysical Research Communications*, **2009**, 378, 348-53	3.4	80
180	Clinical syndromes of alcoholic liver disease. *Digestive Diseases*, **2005**, 23, 255-63	3.2	80
179	Transient induction of c-jun during hepatic regeneration. *Hepatology*, **1990**, 11, 909-15	11.2	80
178	Origin of myofibroblasts in liver fibrosis. *Fibrogenesis and Tissue Repair*, **2012**, 5, S17		79
177	Antiapoptotic effect of c-Jun N-terminal Kinase-1 through Mcl-1 stabilization in TNF-induced hepatocyte apoptosis. *Gastroenterology*, **2009**, 136, 1423-34	13.3	74
176	c-Jun N-terminal kinase mediates hepatic injury after rat liver transplantation. *Transplantation*, **2004**, 78, 324-32	1.8	74
175	The role of p70S6K in hepatic stellate cell collagen gene expression and cell proliferation. *Journal of Biological Chemistry*, **2005**, 280, 13374-82	5.4	74
174	Glutamine metabolism stimulates intestinal cell MAPKs by a cAMP-inhibitable, Raf-independent mechanism. *Gastroenterology*, **2000**, 118, 90-100	13.3	74
173	The phenotypic fate and functional role for bone marrow-derived stem cells in liver fibrosis. *Journal of Hepatology*, **2012**, 56, 965-72	13.4	73
172	Reduced nicotinamide adenine dinucleotide phosphate oxidase mediates fibrotic and inflammatory effects of leptin on hepatic stellate cells. *Hepatology*, **2008**, 48, 2016-26	11.2	73
171	GIV/Girdin is a central hub for profibrogenic signalling networks during liver fibrosis. *Nature Communications*, **2014**, 5, 4451	17.4	72
170	TRAIL-mediated apoptosis requires NF-kB inhibition and the mitochondrial permeability transition in human hepatoma cells. *Hepatology*, **2002**, 36, 1498-1508	11.2	72
169	Sp1 binding activity increases in activated Ito cells. *Hepatology*, **1995**, 22, 241-251	11.2	72
168	New Developments on the Treatment of Liver Fibrosis. *Digestive Diseases*, **2016**, 34, 589-96	3.2	71
167	Transcriptional repression of the transforming growth factor (TGF-) Pseudoreceptor BMP and activin membrane-bound inhibitor (BAMBI) by Nuclear Factor B (NF-B) p50 enhances TGF- signaling in hepatic stellate cells. *Journal of Biological Chemistry*, **2014**, 289, 7082-7091	5.4	70
166	Tumor necrosis factor alpha-induced interleukin-8 production via NF-kappaB and phosphatidylinositol 3-kinase/Akt pathways inhibits cell apoptosis in human hepatocytes. *Infection and Immunity*, **2002**, 70, 6294-301	3.7	69

165	Role of Gut Microbiota in Liver Disease. *Journal of Clinical Gastroenterology*, **2015**, 49 Suppl 1, S25-7	3	68
164	Confocal microscopy of the mitochondrial permeability transition in necrotic cell killing, apoptosis and autophagy. *BioFactors*, **1998**, 8, 283-5	6.1	68
163	Role and cellular source of nicotinamide adenine dinucleotide phosphate oxidase in hepatic fibrosis. *Hepatology*, **2010**, 52, 1420-30	11.2	66
162	NF-I/Sp1 switch elements regulate collagen alpha 1(I) gene expression. *DNA and Cell Biology*, **1992**, 11, 443-52	3.6	66
161	Analysis of the collagen alpha 1(I) promoter. *Nucleic Acids Research*, **1989**, 17, 6055-64	20.1	66
160	Reversibility of Liver Fibrosis and Inactivation of Fibrogenic Myofibroblasts. *Current Pathobiology Reports*, **2013**, 1, 209-214	2	65
159	Identifying nonalcoholic fatty liver disease patients with active fibrosis by measuring extracellular matrix remodeling rates in tissue and blood. *Hepatology*, **2017**, 65, 78-88	11.2	65
158	Molecular mechanisms of alcohol-induced hepatic fibrosis. *Digestive Diseases*, **2005**, 23, 264-74	3.2	64
157	A Universal Gut-Microbiome-Derived Signature Predicts Cirrhosis. *Cell Metabolism*, **2020**, 32, 878-888.e6	24.6	63
156	Hepatic stellate cells primed with cytokines upregulate inflammation in response to peptidoglycan or lipoteichoic acid. *Laboratory Investigation*, **2006**, 86, 676-86	5.9	63
155	Jun kinase modulates tumor necrosis factor-dependent apoptosis in liver cells. *Hepatology*, **2002**, 36, 315-25	11.2	63
154	Molecular pathogenesis of alcohol-induced hepatic fibrosis. *Alcoholism: Clinical and Experimental Research*, **2005**, 29, 102S-109S	3.7	63
153	Transforming growth factor-alpha stimulates proto-oncogene c-jun expression and a mitogenic program in primary cultures of adult rat hepatocytes. *DNA and Cell Biology*, **1989**, 8, 279-85		63
152	Therapeutic strategies for hepatic fibrosis. *Hepatology*, **1988**, 8, 176-82	11.2	62
151	Liver regeneration is suppressed in small-for-size liver grafts after transplantation: involvement of c-Jun N-terminal kinase, cyclin D1, and defective energy supply. *Transplantation*, **2006**, 82, 241-50	1.8	61
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