# Bin Gao

## List of Publications by Citations



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|---|---|---|---|
| 223 papers | 19,839 citations | 79 h-index | 134 g-index |
| 244 ext. papers | 23,613 ext. citations | 8.8 avg, IF | 7.13 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 223 | Alcoholic liver disease: pathogenesis and new therapeutic targets. *Gastroenterology*, **2011**, 141, 1572-85 | 13.3 | 1203 |
| 222 | AMPK phosphorylates and inhibits SREBP activity to attenuate hepatic steatosis and atherosclerosis in diet-induced insulin-resistant mice. *Cell Metabolism*, **2011**, 13, 376-388 | 24.6 | 1050 |
| 221 | The global burden of liver disease: the major impact of China. *Hepatology*, **2014**, 60, 2099-108 | 11.2 | 734 |
| 220 | Liver: An organ with predominant innate immunity. *Hepatology*, **2008**, 47, 729-36 | 11.2 | 604 |
| 219 | Mouse model of chronic and binge ethanol feeding (the NIAAA model). *Nature Protocols*, **2013**, 8, 627-37 | 18.8 | 523 |
| 218 | Interleukin 22 (IL-22) plays a protective role in T cell-mediated murine hepatitis: IL-22 is a survival factor for hepatocytes via STAT3 activation. *Hepatology*, **2004**, 39, 1332-42 | 11.2 | 477 |
| 217 | Natural killer cells ameliorate liver fibrosis by killing activated stellate cells in NKG2D-dependent and tumor necrosis factor-related apoptosis-inducing ligand-dependent manners. *Gastroenterology*, **2006**, 130, 435-52 | 13.3 | 439 |
| 216 | Alcoholic liver disease. *Nature Reviews Disease Primers*, **2018**, 4, 16 | 51.1 | 308 |
| 215 | Interleukin-22 treatment ameliorates alcoholic liver injury in a murine model of chronic-binge ethanol feeding: role of signal transducer and activator of transcription 3. *Hepatology*, **2010**, 52, 1291-300 | 11.2 | 305 |
| 214 | Interleukin-22 induces hepatic stellate cell senescence and restricts liver fibrosis in mice. *Hepatology*, **2012**, 56, 1150-9 | 11.2 | 270 |
| 213 | Liver natural killer and natural killer T cells: immunobiology and emerging roles in liver diseases. *Journal of Leukocyte Biology*, **2009**, 86, 513-28 | 6.5 | 268 |
| 212 | Paracrine activation of hepatic CB1 receptors by stellate cell-derived endocannabinoids mediates alcoholic fatty liver. *Cell Metabolism*, **2008**, 7, 227-35 | 24.6 | 246 |
| 211 | Molecular mechanisms of alcoholic fatty liver. *Alcoholism: Clinical and Experimental Research*, **2009**, 33, 191-205 | 3.7 | 223 |
| 210 | Opposing roles of STAT1 and STAT3 in T cell-mediated hepatitis: regulation by SOCS. *Journal of Clinical Investigation*, **2002**, 110, 1503-1513 | 15.9 | 207 |
| 209 | STAT1 inhibits liver fibrosis in mice by inhibiting stellate cell proliferation and stimulating NK cell cytotoxicity. *Hepatology*, **2006**, 44, 1441-51 | 11.2 | 203 |
| 208 | Impaired natural killer (NK) cell activity in leptin receptor deficient mice: leptin as a critical regulator in NK cell development and activation. *Biochemical and Biophysical Research Communications*, **2002**, 298, 297-302 | 3.4 | 202 |
| 207 | Cytokines, STATs and liver disease. *Cellular and Molecular Immunology*, **2005**, 2, 92-100 | 15.4 | 195 |

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| 206 | Natural killer cells in liver disease. *Hepatology*, **2013**, 57, 1654-62 | 11.2 | 194 |
| 205 | Inflammation in alcoholic liver disease. *Annual Review of Nutrition*, **2012**, 32, 343-68 | 9.9 | 192 |
| 204 | Hepatic SIRT1 attenuates hepatic steatosis and controls energy balance in mice by inducing fibroblast growth factor 21. *Gastroenterology*, **2014**, 146, 539-49.e7 | 13.3 | 189 |
| 203 | Chronic plus binge ethanol feeding synergistically induces neutrophil infiltration and liver injury in mice: a critical role for E-selectin. *Hepatology*, **2013**, 58, 1814-23 | 11.2 | 186 |
| 202 | Signal transducer and activator of transcription 3 in liver diseases: a novel therapeutic target. *International Journal of Biological Sciences*, **2011**, 7, 536-50 | 11.2 | 183 |
| 201 | Abrogation of the antifibrotic effects of natural killer cells/interferon-gamma contributes to alcohol acceleration of liver fibrosis. *Gastroenterology*, **2008**, 134, 248-58 | 13.3 | 181 |
| 200 | Hepatocytes: a key cell type for innate immunity. *Cellular and Molecular Immunology*, **2016**, 13, 301-15 | 15.4 | 180 |
| 199 | In vivo consequences of liver-specific interleukin-22 expression in mice: Implications for human liver disease progression. *Hepatology*, **2011**, 54, 252-61 | 11.2 | 172 |
| 198 | Interleukin 6 alleviates hepatic steatosis and ischemia/reperfusion injury in mice with fatty liver disease. *Hepatology*, **2004**, 40, 933-41 | 11.2 | 163 |
| 197 | Innate immunity in alcoholic liver disease. *American Journal of Physiology - Renal Physiology*, **2011**, 300, G516-25 | 5.1 | 156 |
| 196 | Cell type-dependent pro- and anti-inflammatory role of signal transducer and activator of transcription 3 in alcoholic liver injury. *Gastroenterology*, **2008**, 134, 1148-58 | 13.3 | 156 |
| 195 | Activation of natural killer T cells promotes M2 Macrophage polarization in adipose tissue and improves systemic glucose tolerance via interleukin-4 (IL-4)/STAT6 protein signaling axis in obesity. *Journal of Biological Chemistry*, **2012**, 287, 13561-71 | 5.4 | 155 |
| 194 | Global liver disease burdens and research trends: Analysis from a Chinese perspective. *Journal of Hepatology*, **2019**, 71, 212-221 | 13.4 | 152 |
| 193 | Hydrodynamic gene delivery of interleukin-22 protects the mouse liver from concanavalin A-, carbon tetrachloride-, and Fas ligand-induced injury via activation of STAT3. *Cellular and Molecular Immunology*, **2004**, 1, 43-9 | 15.4 | 152 |
| 192 | Inflammation in Alcoholic and Nonalcoholic Fatty Liver Disease: Friend or Foe?. *Gastroenterology*, **2016**, 150, 1704-9 | 13.3 | 151 |
| 191 | Endoplasmic Reticulum Stress Causes Liver Cancer Cells to Release Exosomal miR-23a-3p and Up-regulate Programmed Death Ligand 1 Expression in Macrophages. *Hepatology*, **2019**, 70, 241-258 | 11.2 | 150 |
| 190 | Diverse roles of invariant natural killer T cells in liver injury and fibrosis induced by carbon tetrachloride. *Hepatology*, **2009**, 49, 1683-94 | 11.2 | 141 |
| 189 | Elevated interleukin-6 during ethanol consumption acts as a potential endogenous protective cytokine against ethanol-induced apoptosis in the liver: involvement of induction of Bcl-2 and Bcl-x(L) proteins. *Oncogene*, **2002**, 21, 32-43 | 9.2 | 140 |

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| 188 | Loss of signal transducer and activator of transcription 5 leads to hepatosteatosis and impaired liver regeneration. *Hepatology*, **2007**, 46, 504-13 | 11.2 | 139 |
| 187 | Negative regulation of liver regeneration by innate immunity (natural killer cells/interferon-gamma). *Gastroenterology*, **2004**, 127, 1525-39 | 13.3 | 139 |
| 186 | IFN-gamma/STAT1 acts as a proinflammatory signal in T cell-mediated hepatitis via induction of multiple chemokines and adhesion molecules: a critical role of IRF-1. *American Journal of Physiology - Renal Physiology*, **2004**, 287, G1044-52 | 5.1 | 136 |
| 185 | Hepatoprotective and anti-inflammatory cytokines in alcoholic liver disease. *Journal of Gastroenterology and Hepatology (Australia)*, **2012**, 27 Suppl 2, 89-93 | 4 | 133 |
| 184 | Crucial role of IL-4/STAT6 in T cell-mediated hepatitis: up-regulating eotaxins and IL-5 and recruiting leukocytes. *Journal of Immunology*, **2003**, 171, 3233-44 | 5.3 | 131 |
| 183 | Host factors and failure of interferon-alpha treatment in hepatitis C virus. *Hepatology*, **2004**, 39, 880-90 | 11.2 | 130 |
| 182 | MicroRNA-223 ameliorates alcoholic liver injury by inhibiting the IL-6-p47-oxidative stress pathway in neutrophils. *Gut*, **2017**, 66, 705-715 | 19.2 | 126 |
| 181 | Pathological functions of interleukin-22 in chronic liver inflammation and fibrosis with hepatitis B virus infection by promoting T helper 17 cell recruitment. *Hepatology*, **2014**, 59, 1331-42 | 11.2 | 124 |
| 180 | Molecular mechanisms of alcoholic liver disease: innate immunity and cytokines. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 787-93 | 3.7 | 121 |
| 179 | Interleukin-22 promotes proliferation of liver stem/progenitor cells in mice and patients with chronic hepatitis B virus infection. *Gastroenterology*, **2012**, 143, 188-98.e7 | 13.3 | 119 |
| 178 | Opposing roles of STAT1 and STAT3 in T cell-mediated hepatitis: regulation by SOCS. *Journal of Clinical Investigation*, **2002**, 110, 1503-13 | 15.9 | 118 |
| 177 | The complement system in liver diseases. *Cellular and Molecular Immunology*, **2006**, 3, 333-40 | 15.4 | 118 |
| 176 | Inflammation-associated interleukin-6/signal transducer and activator of transcription 3 activation ameliorates alcoholic and nonalcoholic fatty liver diseases in interleukin-10-deficient mice. *Hepatology*, **2011**, 54, 846-56 | 11.2 | 117 |
| 175 | In vitro interleukin-6 treatment prevents mortality associated with fatty liver transplants in rats. *Gastroenterology*, **2003**, 125, 202-15 | 13.3 | 117 |
| 174 | Inflammatory pathways in alcoholic steatohepatitis. *Journal of Hepatology*, **2019**, 70, 249-259 | 13.4 | 117 |
| 173 | Interferon-alpha activates multiple STAT signals and down-regulates c-Met in primary human hepatocytes. *Gastroenterology*, **2002**, 122, 1020-34 | 13.3 | 116 |
| 172 | Hypercytolytic activity of hepatic natural killer cells correlates with liver injury in chronic hepatitis B patients. *Hepatology*, **2011**, 53, 73-85 | 11.2 | 115 |
| 171 | Progression of chronic liver inflammation and fibrosis driven by activation of c-JUN signaling in Sirt6 mutant mice. *Journal of Biological Chemistry*, **2012**, 287, 41903-13 | 5.4 | 115 |

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| 170 | Aldehyde dehydrogenase 2 deficiency ameliorates alcoholic fatty liver but worsens liver inflammation and fibrosis in mice. *Hepatology*, **2014**, 60, 146-57 | 11.2 | 111 |
| 169 | Myeloid STAT3 inhibits T cell-mediated hepatitis by regulating T helper 1 cytokine and interleukin-17 production. *Gastroenterology*, **2009**, 137, 2125-35.e1-2 | 13.3 | 110 |
| 168 | STAT proteins - key regulators of anti-viral responses, inflammation, and tumorigenesis in the liver. *Journal of Hepatology*, **2012**, 57, 430-41 | 13.4 | 108 |
| 167 | Th17 cells and their associated cytokines in liver diseases. *Cellular and Molecular Immunology*, **2010**, 7, 250-4 | 15.4 | 106 |
| 166 | Liver is the major source of elevated serum lipocalin-2 levels after bacterial infection or partial hepatectomy: a critical role for IL-6/STAT3. *Hepatology*, **2015**, 61, 692-702 | 11.2 | 103 |
| 165 | Effects of ethanol on mitogen-activated protein kinase and stress-activated protein kinase cascades in normal and regenerating liver. *Biochemical Journal*, **1998**, 334 ( Pt 3), 669-76 | 3.8 | 102 |
| 164 | Short- or long-term high-fat diet feeding plus acute ethanol binge synergistically induce acute liver injury in mice: an important role for CXCL1. *Hepatology*, **2015**, 62, 1070-85 | 11.2 | 99 |
| 163 | Role of STAT3 in liver regeneration: survival, DNA synthesis, inflammatory reaction and liver mass recovery. *Laboratory Investigation*, **2007**, 87, 1018-28 | 5.9 | 99 |
| 162 | Suppression of innate immunity (natural killer cell/interferon-) in the advanced stages of liver fibrosis in mice. *Hepatology*, **2011**, 53, 1342-51 | 11.2 | 98 |
| 161 | Liver immunology. *Comprehensive Physiology*, **2013**, 3, 567-98 | 7.7 | 96 |
| 160 | IL-6-deficient mice are susceptible to ethanol-induced hepatic steatosis: IL-6 protects against ethanol-induced oxidative stress and mitochondrial permeability transition in the liver. *Cellular and Molecular Immunology*, **2004**, 1, 205-11 | 15.4 | 96 |
| 159 | Retinoic acid signaling sensitizes hepatic stellate cells to NK cell killing via upregulation of NK cell activating ligand RAE1. *American Journal of Physiology - Renal Physiology*, **2007**, 293, G809-16 | 5.1 | 94 |
| 158 | Animals models of gastrointestinal and liver diseases. Animal models of alcohol-induced liver disease: pathophysiology, translational relevance, and challenges. *American Journal of Physiology - Renal Physiology*, **2014**, 306, G819-23 | 5.1 | 92 |
| 157 | Natural killer and natural killer T cells in liver fibrosis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 1061-9 | 6.9 | 92 |
| 156 | Natural killer T cells exacerbate liver injury in a transforming growth factor beta receptor II dominant-negative mouse model of primary biliary cirrhosis. *Hepatology*, **2008**, 47, 571-80 | 11.2 | 86 |
| 155 | Involvement of natural killer cells in PolyI:C-induced liver injury. *Journal of Hepatology*, **2004**, 41, 966-73 | 13.4 | 86 |
| 154 | Poly (ADP-ribose) polymerase-1 is a key mediator of liver inflammation and fibrosis. *Hepatology*, **2014**, 59, 1998-2009 | 11.2 | 85 |
| 153 | PARP inhibition protects against alcoholic and non-alcoholic steatohepatitis. *Journal of Hepatology*, **2017**, 66, 589-600 | 13.4 | 84 |

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| 152 | Constitutive activation of JAK-STAT3 signaling by BRCA1 in human prostate cancer cells. *FEBS Letters*, **2001**, 488, 179-84 | 3.8 | 84 |
| 151 | Additive activation of hepatic NF-kappaB by ethanol and hepatitis B protein X (HBX) or HCV core protein: involvement of TNF-alpha receptor 1-independent and -dependent mechanisms. *FASEB Journal*, **2001**, 15, 2551-3 | 0.9 | 83 |
| 150 | Fat-Specific Protein 27/CIDEC Promotes Development of Alcoholic Steatohepatitis in Mice and Humans. *Gastroenterology*, **2015**, 149, 1030-41.e6 | 13.3 | 82 |
| 149 | IL-6 prevents T cell-mediated hepatitis via inhibition of NKT cells in CD4+ T cell- and STAT3-dependent manners. *Journal of Immunology*, **2004**, 172, 5648-55 | 5.3 | 82 |
| 148 | Hepatic mitochondrial DNA/Toll-like receptor 9/MicroRNA-223 forms a negative feedback loop to limit neutrophil overactivation and acetaminophen hepatotoxicity in mice. *Hepatology*, **2017**, 66, 220-234 | 11.2 | 81 |
| 147 | Hepatic Hippo signaling inhibits protumoural microenvironment to suppress hepatocellular carcinoma. *Gut*, **2018**, 67, 1692-1703 | 19.2 | 81 |
| 146 | Chronic alcohol ingestion modulates hepatic macrophage populations and functions in mice. *Journal of Leukocyte Biology*, **2014**, 96, 657-65 | 6.5 | 81 |
| 145 | MicroRNAs as regulators, biomarkers and therapeutic targets in liver diseases. *Gut*, **2021**, 70, 784-795 | 19.2 | 81 |
| 144 | Interferon-lambda (IFN-λ) induces signal transduction and gene expression in human hepatocytes, but not in lymphocytes or monocytes. *Journal of Leukocyte Biology*, **2013**, 93, 377-85 | 6.5 | 79 |
| 143 | IL-10 attenuates IFN-alpha-activated STAT1 in the liver: involvement of SOCS2 and SOCS3. *FEBS Letters*, **2000**, 480, 132-6 | 3.8 | 79 |
| 142 | Poly I:C prevents T cell-mediated hepatitis via an NK-dependent mechanism. *Journal of Hepatology*, **2006**, 44, 446-54 | 13.4 | 76 |
| 141 | Human and experimental evidence supporting a role for osteopontin in alcoholic hepatitis. *Hepatology*, **2013**, 58, 1742-56 | 11.2 | 73 |
| 140 | Aging aggravates alcoholic liver injury and fibrosis in mice by downregulating sirtuin 1 expression. *Journal of Hepatology*, **2017**, 66, 601-609 | 13.4 | 73 |
| 139 | Liver fibrosis in alcoholic liver disease. *Seminars in Liver Disease*, **2015**, 35, 146-56 | 7.3 | 71 |
| 138 | Deletion of interleukin (IL)-12p35 induces liver fibrosis in dominant-negative TGFβ receptor type II mice. *Hepatology*, **2013**, 57, 806-16 | 11.2 | 71 |
| 137 | Alcohol, adipose tissue and liver disease: mechanistic links and clinical considerations. *Nature Reviews Gastroenterology and Hepatology*, **2018**, 15, 50-59 | 24.2 | 70 |
| 136 | Interleukin-22 ameliorates cerulein-induced pancreatitis in mice by inhibiting the autophagic pathway. *International Journal of Biological Sciences*, **2012**, 8, 249-57 | 11.2 | 69 |
| 135 | Cytokines and STATs in Liver Fibrosis. *Frontiers in Physiology*, **2012**, 3, 69 | 4.6 | 68 |

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| 134 | Tumor necrosis factor alpha attenuates interferon alpha signaling in the liver: involvement of SOCS3 and SHP2 and implication in resistance to interferon therapy. *FASEB Journal*, **2001**, 15, 1595-7 | 0.9 | 68 |
| 133 | Hepatoprotective and anti-fibrotic functions of interleukin-22: therapeutic potential for the treatment of alcoholic liver disease. *Journal of Gastroenterology and Hepatology (Australia)*, **2013**, 28 Suppl 1, 56-60 | 4 | 65 |
| 132 | Structure and mechanism of receptor sharing by the IL-10R2 common chain. *Structure*, **2010**, 18, 638-48 | 5.2 | 65 |
| 131 | Interferons activate the p42/44 mitogen-activated protein kinase and JAK-STAT (Janus kinase-signal transducer and activator transcription factor) signalling pathways in hepatocytes: differential regulation by acute ethanol via a protein kinase C-dependent mechanism. *Biochemical Journal*, **2000**, 349, 427-434 | 3.8 | 65 |
| 130 | Chronic expression of interferon-gamma leads to murine autoimmune cholangitis with a female predominance. *Hepatology*, **2016**, 64, 1189-201 | 11.2 | 65 |
| 129 | Alcoholic hepatitis: Translational approaches to develop targeted therapies. *Hepatology*, **2016**, 64, 1343-55 | 11.2 | 64 |
| 128 | IL-6 modulates hepatocyte proliferation via induction of HGF/p21cip1: regulation by SOCS3. *Biochemical and Biophysical Research Communications*, **2005**, 338, 1943-9 | 3.4 | 62 |
| 127 | IL-22 ameliorates renal ischemia-reperfusion injury by targeting proximal tubule epithelium. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 967-77 | 12.7 | 61 |
| 126 | IL-1 beta attenuates IFN-alpha beta-induced antiviral activity and STAT1 activation in the liver: involvement of proteasome-dependent pathway. *Journal of Immunology*, **2000**, 165, 3959-65 | 5.3 | 59 |
| 125 | Ethanol rapidly inhibits IL-6-activated STAT3 and C/EBP mRNA expression in freshly isolated rat hepatocytes. *FEBS Letters*, **1999**, 457, 162-8 | 3.8 | 59 |
| 124 | MicroRNA-223 Ameliorates Nonalcoholic Steatohepatitis and Cancer by Targeting Multiple Inflammatory and Oncogenic Genes in Hepatocytes. *Hepatology*, **2019**, 70, 1150-1167 | 11.2 | 58 |
| 123 | Inhibition of type I natural killer T cells by retinoids or following sulfatide-mediated activation of type II natural killer T cells attenuates alcoholic liver disease in mice. *Hepatology*, **2015**, 61, 1357-69 | 11.2 | 58 |
| 122 | Interleukin-6 is an important mediator for mitochondrial DNA repair after alcoholic liver injury in mice. *Hepatology*, **2010**, 52, 2137-47 | 11.2 | 57 |
| 121 | Invariant NKT cell activation induces neutrophil accumulation and hepatitis: opposite regulation by IL-4 and IFN- *Hepatology*, **2013**, 58, 1474-85 | 11.2 | 56 |
| 120 | Neutrophil-Hepatic Stellate Cell Interactions Promote Fibrosis in Experimental Steatohepatitis. *Cellular and Molecular Gastroenterology and Hepatology*, **2018**, 5, 399-413 | 7.9 | 54 |
| 119 | Interleukin-15 prevents concanavalin A-induced liver injury in mice via NKT cell-dependent mechanism. *Hepatology*, **2006**, 43, 1211-9 | 11.2 | 52 |
| 118 | Animal Models of Alcoholic Liver Disease: Pathogenesis and Clinical Relevance. *Gene Expression*, **2017**, 17, 173-186 | 3.4 | 51 |
| 117 | Anti-inflammatory and anti-apoptotic roles of endothelial cell STAT3 in alcoholic liver injury. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 719-25 | 3.7 | 51 |

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| 116 | Mitochondrial DNA-enriched microparticles promote acute-on-chronic alcoholic neutrophilia and hepatotoxicity. *JCI Insight*, **2017**, 2, | 9.9 | 51 |
| 115 | STAT1 contributes to dsRNA inhibition of liver regeneration after partial hepatectomy in mice. *Hepatology*, **2006**, 44, 955-66 | 11.2 | 50 |
| 114 | Invariant natural killer T cells contribute to chronic-plus-binge ethanol-mediated liver injury by promoting hepatic neutrophil infiltration. *Cellular and Molecular Immunology*, **2016**, 13, 206-16 | 15.4 | 49 |
| 113 | ALDH2 deficiency promotes alcohol-associated liver cancer by activating oncogenic pathways via oxidized DNA-enriched extracellular vesicles. *Journal of Hepatology*, **2019**, 71, 1000-1011 | 13.4 | 49 |
| 112 | Alcohol dehydrogenase III exacerbates liver fibrosis by enhancing stellate cell activation and suppressing natural killer cells in mice. *Hepatology*, **2014**, 60, 1044-53 | 11.2 | 49 |
| 111 | Cannabidiol attenuates alcohol-induced liver steatosis, metabolic dysregulation, inflammation and neutrophil-mediated injury. *Scientific Reports*, **2017**, 7, 12064 | 4.9 | 49 |
| 110 | Innate immunity and alcoholic liver fibrosis. *Journal of Gastroenterology and Hepatology (Australia)*, **2008**, 23 Suppl 1, S112-8 | 4 | 48 |
| 109 | Therapeutic potential of interleukin-6 in preventing obesity- and alcohol-associated fatty liver transplant failure. *Alcohol*, **2004**, 34, 59-65 | 2.7 | 48 |
| 108 | Caryophyllene protects against alcoholic steatohepatitis by attenuating inflammation and metabolic dysregulation in mice. *British Journal of Pharmacology*, **2018**, 175, 320-334 | 8.6 | 47 |
| 107 | STAT1 plays an essential role in LPS/D-galactosamine-induced liver apoptosis and injury. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G761-8 | 5.1 | 47 |
| 106 | An Open-Label, Dose-Escalation Study to Assess the Safety and Efficacy of IL-22 Agonist F-652 in Patients With Alcohol-associated Hepatitis. *Hepatology*, **2020**, 72, 441-453 | 11.2 | 47 |
| 105 | Tissue inhibitor of metalloproteinase 1 (TIMP-1) deficiency exacerbates carbon tetrachloride-induced liver injury and fibrosis in mice: involvement of hepatocyte STAT3 in TIMP-1 production. *Cell and Bioscience*, **2011**, 1, 14 | 9.8 | 46 |
| 104 | Dissociation between liver inflammation and hepatocellular damage induced by carbon tetrachloride in myeloid cell-specific signal transducer and activator of transcription 3 gene knockout mice. *Hepatology*, **2010**, 51, 1724-34 | 11.2 | 46 |
| 103 | Activation of natural killer cells inhibits liver fibrosis: a novel strategy to treat liver fibrosis. *Expert Review of Gastroenterology and Hepatology*, **2007**, 1, 173-80 | 4.2 | 46 |
| 102 | Chronic ethanol consumption inhibits hepatic natural killer cell activity and accelerates murine cytomegalovirus-induced hepatitis. *Alcoholism: Clinical and Experimental Research*, **2006**, 30, 1615-23 | 3.7 | 46 |
| 101 | Enhanced liver regeneration in IL-10-deficient mice after partial hepatectomy via stimulating inflammatory response and activating hepatocyte STAT3. *American Journal of Pathology*, **2011**, 178, 1614-21 | 5.8 | 45 |
| 100 | Hepatoprotective versus oncogenic functions of STAT3 in liver tumorigenesis. *American Journal of Pathology*, **2011**, 179, 714-24 | 5.8 | 45 |
| 99 | Interleukin-22 ameliorates acute-on-chronic liver failure by reprogramming impaired regeneration pathways in mice. *Journal of Hepatology*, **2020**, 72, 736-745 | 13.4 | 44 |

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| 98 | Chronic alcohol consumption accelerates liver injury in T cell-mediated hepatitis: alcohol disregulation of NF-kappaB and STAT3 signaling pathways. *American Journal of Physiology - Renal Physiology*, **2004**, 287, G471-9 | 5.1 | 43 |
| 97 | Interleukin-22 Ameliorates Neutrophil-Driven Nonalcoholic Steatohepatitis Through Multiple Targets. *Hepatology*, **2020**, 72, 412-429 | 11.2 | 43 |
| 96 | DEP domain-containing mTOR-interacting protein suppresses lipogenesis and ameliorates hepatic steatosis and acute-on-chronic liver injury in alcoholic liver disease. *Hepatology*, **2018**, 68, 496-514 | 11.2 | 42 |
| 95 | Acute and chronic effects of IL-22 on acetaminophen-induced liver injury. *Journal of Immunology*, **2014**, 193, 2512-8 | 5.3 | 42 |
| 94 | IL-17 signaling in steatotic hepatocytes and macrophages promotes hepatocellular carcinoma in alcohol-related liver disease. *Journal of Hepatology*, **2020**, 72, 946-959 | 13.4 | 42 |
| 93 | Inflammation is independent of steatosis in a murine model of steatohepatitis. *Hepatology*, **2017**, 66, 108-123 | 11.2 | 41 |
| 92 | Targeting inflammation for the treatment of alcoholic liver disease. *Pharmacology & Therapeutics*, **2017**, 180, 77-89 | 13.9 | 40 |
| 91 | Recent advances in alcohol-related liver disease (ALD): summary of a Gut round table meeting. *Gut*, **2020**, 69, 764-780 | 19.2 | 39 |
| 90 | Effects of short and long term ethanol on the activation of signal transducer and activator transcription factor 3 in normal and regenerating liver. *Biochemical and Biophysical Research Communications*, **1997**, 239, 666-9 | 3.4 | 38 |
| 89 | Role of the proteasome in ethanol-induced liver pathology. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1446-59 | 3.7 | 38 |
| 88 | Pregnane X Receptor Regulates Liver Size and Liver Cell Fate by Yes-Associated Protein Activation in Mice. *Hepatology*, **2019**, 69, 343-358 | 11.2 | 37 |
| 87 | A critical role of STAT1 in streptozotocin-induced diabetic liver injury in mice: controlled by ATF3. *Cellular Signalling*, **2009**, 21, 1758-67 | 4.9 | 37 |
| 86 | Glutamate Signaling in Hepatic Stellate Cells Drives Alcoholic Steatosis. *Cell Metabolism*, **2019**, 30, 877-889.e7 | 24.6 | 36 |
| 85 | Chronic ethanol consumption inhibits glucokinase transcriptional activity by Atf3 and triggers metabolic syndrome in vivo. *Journal of Biological Chemistry*, **2014**, 289, 27065-27079 | 5.4 | 36 |
| 84 | Endocannabinoids and liver disease. III. Endocannabinoid effects on immune cells: implications for inflammatory liver diseases. *American Journal of Physiology - Renal Physiology*, **2008**, 294, G850-4 | 5.1 | 36 |
| 83 | The Detrimental Role Played by Lipocalin-2 in Alcoholic Fatty Liver in Mice. *American Journal of Pathology*, **2016**, 186, 2417-28 | 5.8 | 36 |
| 82 | Activated hepatic stellate cells impair NK cell anti-fibrosis capacity through a TGF-□dependent emperipolesis in HBV cirrhotic patients. *Scientific Reports*, **2017**, 7, 44544 | 4.9 | 35 |
| 81 | Interaction of alcohol and hepatitis viral proteins: implication in synergistic effect of alcohol drinking and viral hepatitis on liver injury. *Alcohol*, **2002**, 27, 69-72 | 2.7 | 35 |

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| 80 | Interferons activate the p42/44 mitogen-activated protein kinase and JAK-STAT (Janus kinase-signal transducer and activator transcription factor) signalling pathways in hepatocytes: differential regulation by acute ethanol via a protein kinase C-dependent mechanism. *Biochemical Journal*, **2000**, 349, 427-34 | 3.8 | 35 |
| 79 | Interplay of hepatic and myeloid signal transducer and activator of transcription 3 in facilitating liver regeneration via tempering innate immunity. *Hepatology*, **2010**, 51, 1354-62 | 11.2 | 34 |
| 78 | Adipocyte Death Preferentially Induces Liver Injury and Inflammation Through the Activation of Chemokine (C-C Motif) Receptor 2-Positive Macrophages and Lipolysis. *Hepatology*, **2019**, 69, 1965-1982 | 11.2 | 33 |
| 77 | Opposing effects of prednisolone treatment on T/NKT cell- and hepatotoxin-mediated hepatitis in mice. *Hepatology*, **2014**, 59, 1094-106 | 11.2 | 32 |
| 76 | Liver regeneration is suppressed in alcoholic cirrhosis: correlation with decreased STAT3 activation. *Alcohol*, **2007**, 41, 271-80 | 2.7 | 32 |
| 75 | Dietary Linoleic Acid and Its Oxidized Metabolites Exacerbate Liver Injury Caused by Ethanol via Induction of Hepatic Proinflammatory Response in Mice. *American Journal of Pathology*, **2017**, 187, 2232-2245 | 5.8 | 31 |
| 74 | Hepatocytes and neutrophils cooperatively suppress bacterial infection by differentially regulating lipocalin-2 and neutrophil extracellular traps. *Hepatology*, **2018**, 68, 1604-1620 | 11.2 | 31 |
| 73 | Myeloid-Cell-Specific IL-6 Signaling Promotes MicroRNA-223-Enriched Exosome Production to Attenuate NAFLD-Associated Fibrosis. *Hepatology*, **2021**, 74, 116-132 | 11.2 | 30 |
| 72 | Hippo signaling is intrinsically regulated during cell cycle progression by APC/C. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9423-9432 | 11.5 | 29 |
| 71 | Interferon-gamma inhibits interferon-alpha signalling in hepatic cells: evidence for the involvement of STAT1 induction and hyperexpression of STAT1 in chronic hepatitis C. *Biochemical Journal*, **2004**, 379, 199-208 | 3.8 | 29 |
| 70 | Therapeutic Role of Interleukin 22 in Experimental Intra-abdominal Klebsiella pneumoniae Infection in Mice. *Infection and Immunity*, **2016**, 84, 782-9 | 3.7 | 28 |
| 69 | Ethanol inhibits the JAK-STAT signaling pathway in freshly isolated rat hepatocytes but not in cultured hepatocytes or HepG2 cells: evidence for a lack of involvement of ethanol metabolism. *Clinical Biochemistry*, **2001**, 34, 203-9 | 3.5 | 28 |
| 68 | Activation of invariant natural killer T cells impedes liver regeneration by way of both IFN-□and IL-4-dependent mechanisms. *Hepatology*, **2014**, 60, 1356-66 | 11.2 | 26 |
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