

# Steven Dooley

## List of Publications by Year in descending order

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203  
papers

12,579  
citations

25034

57  
h-index

28297

105  
g-index

233  
all docs

233  
docs citations

233  
times ranked

16320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. Archives of Toxicology, 2013, 87, 1315-1530.	4.2	1,089
2	TGF- $\beta$ 2 in progression of liver disease. Cell and Tissue Research, 2012, 347, 245-256.	2.9	581
3	Roles of TGF-beta in hepatic fibrosis. Frontiers in Bioscience - Landmark, 2002, 7, d793-807.	3.0	569
4	TGF- $\beta$ 2 signalling and liver disease. FEBS Journal, 2016, 283, 2219-2232.	4.7	457
5	TGF- $\beta$ 2 in Hepatic Stellate Cell Activation and Liver Fibrogenesisâ”Updated 2019. Cells, 2019, 8, 1419.	4.1	429
6	Smad7 prevents activation of hepatic stellate cells and liver fibrosis in rats. Gastroenterology, 2003, 125, 178-191.	1.3	348
7	Adverse outcome pathways: opportunities, limitations and open questions. Archives of Toxicology, 2017, 91, 3477-3505.	4.2	282
8	Hepatocyte-Specific Smad7 Expression Attenuates TGF- $\beta$ 2-Mediated Fibrogenesis and Protects Against Liver Damage. Gastroenterology, 2008, 135, 642-659.e46.	1.3	258
9	Modulation of transforming growth factor $\beta$ 2 response and signaling during transdifferentiation of rat hepatic stellate cells to myofibroblasts. Hepatology, 2000, 31, 1094-1106.	7.3	224
10	Extracellular matrix modulates sensitivity of hepatocytes to fibroblastoid dedifferentiation and transforming growth factor $\beta$ 2-induced apoptosis. Hepatology, 2009, 49, 2031-2043.	7.3	217
11	In vivo consequences of liver-specific interleukin-22 expression in mice: Implications for human liver disease progression. Hepatology, 2011, 54, 252-261.	7.3	206
12	Transforming growth factor $\beta$ 2 signal transduction in hepatic stellate cells via Smad2/3 phosphorylation, a pathway that is abrogated during in vitro progression to myofibroblasts. FEBS Letters, 2001, 502, 4-10.	2.8	179
13	Animal models of chronic liver diseases. American Journal of Physiology - Renal Physiology, 2013, 304, G449-G468.	3.4	172
14	Caveolin-1 in the regulation of cell metabolism: a cancer perspective. Molecular Cancer, 2016, 15, 71.	19.2	162
15	Transforming Growth Factor- $\beta$ 2 (TGF- $\beta$ 2)-mediated Connective Tissue Growth Factor (CTGF) Expression in Hepatic Stellate Cells Requires Stat3 Signaling Activation. Journal of Biological Chemistry, 2013, 288, 30708-30719.	3.4	159
16	Hydrogen sulfide promotes autophagy of hepatocellular carcinoma cells through the PI3K/Akt/mTOR signaling pathway. Cell Death and Disease, 2017, 8, e2688-e2688.	6.3	140
17	Reciprocal regulation by TLR4 and TGF- $\beta$ 2 in tumor-initiating stem-like cells. Journal of Clinical Investigation, 2013, 123, 2832-2849.	8.2	140
18	Interleukin-22 Promotes Proliferation of Liver Stem/Progenitor Cells in Mice and Patients With Chronic Hepatitis B Virus Infection. Gastroenterology, 2012, 143, 188-198.e7.	1.3	138

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19	Id1 is a critical mediator in TGF- $\beta$ 2-induced transdifferentiation of rat hepatic stellate cells. <i>Hepatology</i> , 2006, 43, 1032-1041.	7.3	132
20	IFN- $\gamma$ abrogates profibrogenic TGF- $\beta$ 2 signaling in liver by targeting expression of inhibitory and receptor Smads. <i>Journal of Hepatology</i> , 2007, 46, 295-303.	3.7	132
21	Protocols for staining of bile canalicular and sinusoidal networks of human, mouse and pig livers, three-dimensional reconstruction and quantification of tissue microarchitecture by image processing and analysis. <i>Archives of Toxicology</i> , 2014, 88, 1161-1183.	4.2	129
22	Participation of Smad2, Smad3, and Smad4 in Transforming Growth Factor $\beta$ 2 (TGF- $\beta$ 2)-induced Activation of Smad7. <i>Journal of Biological Chemistry</i> , 2000, 275, 29308-29317.	3.4	127
23	Xanthine oxidase in non-alcoholic fatty liver disease and hyperuricemia: One stone hits two birds. <i>Journal of Hepatology</i> , 2015, 62, 1412-1419.	3.7	122
24	Y-box protein 1 is actively secreted through a non-classical pathway and acts as an extracellular mitogen. <i>EMBO Reports</i> , 2009, 10, 783-789.	4.5	119
25	The etiology of liver damage imparts cytokines transforming growth factor $\beta$ 1 or interleukin-13 as driving forces in fibrogenesis. <i>Hepatology</i> , 2009, 50, 230-243.	7.3	115
26	SMAD7 controls iron metabolism as a potent inhibitor of hepcidin expression. <i>Blood</i> , 2010, 115, 2657-2665.	1.4	112
27	Profibrogenic transforming growth factor- $\beta$ 2/activin receptor-like kinase 5 signaling via connective tissue growth factor expression in hepatocytes. <i>Hepatology</i> , 2007, 46, 1257-1270.	7.3	109
28	Anti-TGF- $\beta$ 2 Strategies for the Treatment of Chronic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 121S-131S.	2.4	108
29	WISP1 Is a Novel Adipokine Linked to Inflammation in Obesity. <i>Diabetes</i> , 2015, 64, 856-866.	0.6	107
30	BMP-9 interferes with liver regeneration and promotes liver fibrosis. <i>Gut</i> , 2017, 66, 939-954.	12.1	107
31	IL-13 Induces Connective Tissue Growth Factor in Rat Hepatic Stellate Cells via TGF- $\beta$ 2-Independent Smad Signaling. <i>Journal of Immunology</i> , 2011, 187, 2814-2823.	0.8	103
32	Identification of the Consistently Altered Metabolic Targets in Human Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 303-323.e1.	4.5	103
33	Inhibition of fibronectin deposition improves experimental liver fibrosis. <i>Journal of Hepatology</i> , 2015, 62, 625-633.	3.7	102
34	Gene network activity in cultivated primary hepatocytes is highly similar to diseased mammalian liver tissue. <i>Archives of Toxicology</i> , 2016, 90, 2513-2529.	4.2	100
35	A Novel Serine/Threonine-Specific Protein Phosphotransferase Activity of Nm23/Nucleoside-Diphosphate Kinase. <i>FEBS Journal</i> , 1995, 234, 200-207.	0.2	99
36	Liver cancer cell lines distinctly mimic the metabolic gene expression pattern of the corresponding human tumours. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 211.	8.6	99

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37	Transcription factors ATF, E2F, and SP-1 are involved in cytokine-independent proliferation of murine hepatocytes. <i>Hepatology</i> , 2010, 52, 2127-2136.	7.3	95
38	Transforming growth factor- $\beta^2$ and hepatocyte transdifferentiation in liver fibrogenesis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, S122-7.	2.8	93
39	High levels of NM23-H1 and NM23-H2 messenger RNA in human squamous-cell lung carcinoma are associated with poor differentiation and advanced tumor stages. <i>International Journal of Cancer</i> , 1993, 55, 375-379.	5.1	91
40	Bile Microinfarcts in Cholestasis Are Initiated by Rupture of the Apical Hepatocyte Membrane and Cause Shunting of Bile to Sinusoidal Blood. <i>Hepatology</i> , 2019, 69, 666-683.	7.3	89
41	Y-box Protein-1 Is the Crucial Mediator of Antifibrotic Interferon- $\beta^3$ Effects. <i>Journal of Biological Chemistry</i> , 2006, 281, 1784-1795.	3.4	88
42	YB-1 Acts as a Ligand for Notch-3 Receptors and Modulates Receptor Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 26928-26940.	3.4	88
43	Abrogation of Transforming Growth Factor- $\beta^2$ Signaling by SMAD7 Inhibits Collagen Gel Contraction of Human Dermal Fibroblasts. <i>Journal of Biological Chemistry</i> , 2005, 280, 21570-21576.	3.4	84
44	MicroRNAs play a role in spontaneous recovery from acute liver failure. <i>Hepatology</i> , 2014, 60, 1346-1355.	7.3	84
45	TGF- $\beta^1$ As Possible Link between Loss of Bone Mineral Density and Chronic Inflammation. <i>PLoS ONE</i> , 2010, 5, e14073.	2.5	82
46	Comparative analysis of phase I and II enzyme activities in 5 hepatic cell lines identifies Huh-7 and HCC-T cells with the highest potential to study drug metabolism. <i>Archives of Toxicology</i> , 2012, 86, 87-95.	4.2	80
47	Specific In Vitro Binding of p53 to the Promoter Region of the Human Mismatch Repair Gene hMSH2. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 722-728.	2.1	78
48	Effect of Interferon-Gamma on Hepatic Fibrosis in Chronic Hepatitis B Virus Infection: A Randomized Controlled Study. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 819-828.	4.4	76
49	Submassive hepatic necrosis distinguishes HBV-associated acute on chronic liver failure from cirrhotic patients with acute decompensation. <i>Journal of Hepatology</i> , 2015, 63, 50-59.	3.7	76
50	Expression of Smads during in Vitro Transdifferentiation of Hepatic Stellate Cells to Myofibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 554-562.	2.1	71
51	Molecular Mechanisms of Alcohol-Induced Hepatic Fibrosis. <i>Digestive Diseases</i> , 2005, 23, 264-274.	1.9	70
52	TGF- $\beta^2$ Signaling in Onset and Progression of Hepatocellular Carcinoma. <i>Digestive Diseases</i> , 2012, 30, 514-523.	1.9	68
53	Bone morphogenetic protein-9 induces epithelial to mesenchymal transition in hepatocellular carcinoma cells. <i>Cancer Science</i> , 2013, 104, 398-408.	3.9	67
54	ECM1 Prevents Activation of Transforming Growth Factor $\beta^2$ , Hepatic Stellate Cells, and Fibrogenesis in Mice. <i>Gastroenterology</i> , 2019, 157, 1352-1367.e13.	1.3	65

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55	Fibronectin Protects from Excessive Liver Fibrosis by Modulating the Availability of and Responsiveness of Stellate Cells to Active TGF- $\beta$ 2. PLoS ONE, 2011, 6, e28181.	2.5	65
56	Transforming growth factor $\beta$ 21 inhibits bone morphogenic protein (BMP)-2 and BMP-7 signaling via upregulation of Ski-related novel protein N (SnoN): possible mechanism for the failure of BMP therapy?. BMC Medicine, 2012, 10, 101.	5.5	60
57	The rationale for targeting TGF- $\beta$ 2 in chronic liver diseases. European Journal of Clinical Investigation, 2016, 46, 349-361.	3.4	60
58	Comparative Analysis of TGF- $\beta$ 2/Smad Signaling Dependent Cytostasis in Human Hepatocellular Carcinoma Cell Lines. PLoS ONE, 2013, 8, e72252.	2.5	59
59	TGF- $\beta$ 2 Signaling in Liver Regeneration. Current Pharmaceutical Design, 2012, 18, 4103-4113.	1.9	58
60	Hepatic stellate cell-expressed endosialin balances fibrogenesis and hepatocyte proliferation during liver damage. EMBO Molecular Medicine, 2015, 7, 332-338.	6.9	58
61	Distinct role of endocytosis for Smad and non-Smad TGF- $\beta$ 2 signaling regulation in hepatocytes. Journal of Hepatology, 2011, 55, 369-378.	3.7	55
62	Potential Roles of Bone Morphogenetic Protein (BMP)-9 in Human Liver Diseases. International Journal of Molecular Sciences, 2014, 15, 5199-5220.	4.1	55
63	Acute and Chronic Effects of IL-22 on Acetaminophen-Induced Liver Injury. Journal of Immunology, 2014, 193, 2512-2518.	0.8	55
64	Induction of active demethylation and 5hmC formation by 5-azacytidine is TET2 dependent and suggests new treatment strategies against hepatocellular carcinoma. Clinical Epigenetics, 2015, 7, 98.	4.1	55
65	Disruption of the Smad7 gene enhances CCl4-dependent liver damage and fibrogenesis in mice. Journal of Cellular and Molecular Medicine, 2008, 12, 2130-2144.	3.6	54
66	Signalling networks in cholangiocarcinoma: Molecular pathogenesis, targeted therapies and drug resistance. Liver International, 2019, 39, 43-62.	3.9	54
67	Glucocorticoids decrease the bioavailability of TGF- $\beta$ 2 which leads to a reduced TGF- $\beta$ 2 signaling in hepatic stellate cells. Biochemical and Biophysical Research Communications, 2004, 325, 1264-1270.	2.1	53
68	Glypican-3 promotes epithelial-mesenchymal transition of hepatocellular carcinoma cells through ERK signaling pathway. International Journal of Oncology, 2015, 46, 1275-1285.	3.3	52
69	TGF- $\beta$ 1 and TGF- $\beta$ 2 abundance in liver diseases of mice and men. Oncotarget, 2016, 7, 19499-19518.	1.8	52
70	PI3K/AKT/mTOR-dependent stabilization of oncogenic far-upstream element binding proteins in hepatocellular carcinoma cells. Hepatology, 2016, 63, 813-826.	7.3	52
71	Pathobiochemical signatures of cholestatic liver disease in bile duct ligated mice. BMC Systems Biology, 2015, 9, 83.	3.0	51
72	Current Experimental Perspectives on the Clinical Progression of Alcoholic Liver Disease. Alcoholism: Clinical and Experimental Research, 2009, 33, 1647-1655.	2.4	50

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73	TGF- $\beta$ 2 enhances alcohol dependent hepatocyte damage via down-regulation of alcohol dehydrogenase I. <i>Journal of Hepatology</i> , 2010, 52, 407-416.	3.7	50
74	The Three Human Trefoil Genes TFF1, TFF2, and TFF3 Are Located within a Region of 55 kb on Chromosome 21q22.3. <i>Genomics</i> , 1997, 40, 200-202.	2.9	47
75	The Effects of Platelet-Derived Growth Factor Antagonism in Experimental Glomerulonephritis Are Independent of the Transforming Growth Factor- $\beta$ 2 System. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 658-667.	6.1	46
76	p21 promotes sustained liver regeneration and hepatocarcinogenesis in chronic cholestatic liver injury. <i>Gut</i> , 2014, 63, 1501-1512.	12.1	45
77	Zonation of Nitrogen and Glucose Metabolism Gene Expression upon Acute Liver Damage in Mouse. <i>PLoS ONE</i> , 2013, 8, e78262.	2.5	45
78	Vitamin C enhances epigenetic modifications induced by 5-azacytidine and cell cycle arrest in the hepatocellular carcinoma cell lines HLE and Huh7. <i>Clinical Epigenetics</i> , 2016, 8, 46.	4.1	43
79	Hepatic Osteodystrophy- $\beta$ 2 Molecular Mechanisms Proposed to Favor Its Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2555.	4.1	43
80	MicroRNA-942 mediates hepatic stellate cell activation by regulating BAMBI expression in human liver fibrosis. <i>Archives of Toxicology</i> , 2018, 92, 2935-2946.	4.2	42
81	Transforming growth factor- $\beta$ 2 induces nerve growth factor expression in pancreatic stellate cells by activation of the ALK-5 pathway. <i>Growth Factors</i> , 2009, 27, 289-299.	1.7	41
82	The virtual liver: state of the art and future perspectives. <i>Archives of Toxicology</i> , 2014, 88, 2071-2075.	4.2	41
83	Multicenter analysis of soluble $\alpha$ 1 reveals diagnostic value for very early stage hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2015, 137, 385-394.	5.1	41
84	N-Acetylcysteine abrogates fibrogenic properties of fibroblasts isolated from Dupuytren's disease by blunting TGF- $\beta$ 2 signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2006, 10, 157-165.	3.6	40
85	Cold shock Y-box protein-1 proteolysis autoregulates its transcriptional activities. <i>Cell Communication and Signaling</i> , 2013, 11, 63.	6.5	40
86	FAF1 phosphorylation by AKT accumulates TGF- $\beta$ 2 type II receptor and drives breast cancer metastasis. <i>Nature Communications</i> , 2017, 8, 15021.	12.8	40
87	Transdifferentiation-dependent expression of $\alpha$ 1-SMA in hepatic stellate cells does not involve TGF- $\beta$ 2 pathways leading to coinduction of collagen type I and thrombospondin-2. <i>Matrix Biology</i> , 2005, 24, 198-207.	3.6	37
88	BMP9 a possible alternative drug for the recently withdrawn BMP7? New perspectives for (re-)implementation by personalized medicine. <i>Archives of Toxicology</i> , 2017, 91, 1353-1366.	4.2	37
89	A novel transforming growth factor $\beta$ -induced long noncoding RNA promotes an inflammatory microenvironment in human intrahepatic cholangiocarcinoma. <i>Hepatology Communications</i> , 2018, 2, 254-269.	4.3	37
90	Glial cell line-derived neurotrophic factor (GDNF) mediates hepatic stellate cell activation via ALK5/Smad signalling. <i>Gut</i> , 2019, 68, 2214-2227.	12.1	37

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91	Genomic locus and promoter region of rat Smad7, an important antagonist of TGF $\beta$ 2 signaling. <i>Mammalian Genome</i> , 2000, 11, 169-176.	2.2	36
92	Distinct dedifferentiation processes affect caveolin-1 expression in hepatocytes. <i>Cell Communication and Signaling</i> , 2013, 11, 6.	6.5	36
93	Smad6 and Smad7 are co-regulated with hepcidin in mouse models of iron overload. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 76-84.	3.8	36
94	Modulation of insulin degrading enzyme activity and liver cell proliferation. <i>Cell Cycle</i> , 2015, 14, 2293-2300.	2.6	36
95	TGF- $\beta$ 2 in Hepatic Stellate Cell Activation and Liver Fibrogenesis: Updated. <i>Current Pathobiology Reports</i> , 2015, 3, 291-305.	3.4	36
96	Severe metabolic alterations in liver cancer lead to ERK pathway activation and drug resistance. <i>EBioMedicine</i> , 2020, 54, 102699.	6.1	36
97	Quantitative kinetics analysis of BMP2 uptake into cells and its modulation by BMP antagonists. <i>Journal of Cell Science</i> , 2013, 126, 117-127.	2.0	35
98	Two sides of one coin: massive hepatic necrosis and progenitor cell-mediated regeneration in acute liver failure. <i>Frontiers in Physiology</i> , 2015, 6, 178.	2.8	35
99	Hypotheses on the Role of Transforming Growth Factor- $\beta$ 2 in the Onset and Progression of Hepatocellular Carcinoma. <i>Digestive Diseases</i> , 2009, 27, 93-101.	1.9	33
100	Alcohol, Signaling, and ECM Turnover. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 4-18.	2.4	33
101	Inhibition of TGF $\beta$ 2 type I receptor activity facilitates liver regeneration upon acute CCl4 intoxication in mice. <i>Archives of Toxicology</i> , 2016, 90, 347-357.	4.2	33
102	A rapid protocol for the purification of mitochondrial DNA suitable for studying restriction fragment length polymorphisms. <i>Gene</i> , 1989, 83, 169-172.	2.2	32
103	Vitamin D modulates biliary fibrosis in ABCB4-deficient mice. <i>Hepatology International</i> , 2014, 8, 443-452.	4.2	32
104	Elevated core-fucosylated IgG is a new marker for hepatitis B virus-related hepatocellular carcinoma. <i>Oncolmmunology</i> , 2015, 4, e1011503.	4.6	32
105	SOX9 expression decreases survival of patients with intrahepatic cholangiocarcinoma by conferring chemoresistance. <i>British Journal of Cancer</i> , 2018, 119, 1358-1366.	6.4	31
106	TGF- $\beta$ 2 silencing to target biliary-derived liver diseases. <i>Gut</i> , 2020, 69, 1677-1690.	12.1	31
107	IFN- $\beta$ 3 inhibits liver progenitor cell proliferation in HBV-infected patients and in 3,5-diethoxycarbonyl-1,4-dihydrocollidine diet-fed mice. <i>Journal of Hepatology</i> , 2013, 59, 738-745.	3.7	30
108	Rolipram Attenuates Bile Duct Ligation-Induced Liver Injury in Rats: A Potential Pathogenic Role of PDE4. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 80-90.	2.5	30



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109	Dynamics and feedback loops in the transforming growth factor $\hat{1}^2$ signaling pathway. <i>Biophysical Chemistry</i> , 2012, 162, 22-34.	2.8	29
110	Transforming Growth Factor $\hat{1}^{21}$ (TGF- $\hat{1}^{21}$ ) Activates Hepcidin mRNA Expression in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2016, 291, 13160-13174.	3.4	29
111	Loss of TGF- $\hat{1}^2$ dependent growth control during HSC transdifferentiation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 841-847.	2.1	28
112	L-carnosine inhibits high-glucose-mediated matrix accumulation in human mesangial cells by interfering with TGF- $\hat{1}$ production and signalling. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3852-3858.	0.7	28
113	Delta-Like Ligand 4 Modulates Liver Damage by Down-Regulating Chemokine Expression. <i>American Journal of Pathology</i> , 2016, 186, 1874-1889.	3.8	28
114	Robust detection and segmentation of cell nuclei in biomedical images based on a computational topology framework. <i>Medical Image Analysis</i> , 2017, 38, 90-103.	11.6	28
115	TGF-beta signaling in alcohol induced hepatic injury. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 740.	3.0	26
116	Galunisertib modifies the liver fibrotic composition in the Abcb4Ko mouse model. <i>Archives of Toxicology</i> , 2018, 92, 2297-2309.	4.2	26
117	Bone morphogenetic protein 9 as a key regulator of liver progenitor cells in $\langle \text{sc} \rangle$ DDC $\langle / \text{sc} \rangle$ -induced cholestatic liver injury. <i>Liver International</i> , 2018, 38, 1664-1675.	3.9	26
118	Polymeric meshes induce zonal regulation of matrix metalloproteinase $\hat{2}$ gene expression by macrophages and fibroblasts. <i>FASEB Journal</i> , 2007, 21, 1047-1057.	0.5	25
119	Phosphorylated $\langle \text{sc} \rangle$ S $\langle / \text{sc} \rangle$ mad2 and $\langle \text{sc} \rangle$ S $\langle / \text{sc} \rangle$ mad3 signaling: Shifting between tumor suppression and fibro $\hat{1}$ carcinogenesis in chronic hepatitis $\langle \text{sc} \rangle$ C $\langle / \text{sc} \rangle$ . <i>Hepatology Research</i> , 2013, 43, 1327-1342.	3.4	25
120	The level of caveolin-1 expression determines response to TGF- $\hat{1}^2$ as a tumour suppressor in hepatocellular carcinoma cells. <i>Cell Death and Disease</i> , 2017, 8, e3098-e3098.	6.3	25
121	Transforming growth factor $\hat{1}^2$ latency: A mechanism of cytokine storage and signalling regulation in liver homeostasis and disease. <i>JHEP Reports</i> , 2022, 4, 100397.	4.9	25
122	Transcriptomic Cross $\hat{1}$ Species Analysis of Chronic Liver Disease Reveals Consistent Regulation Between Humans and Mice. <i>Hepatology Communications</i> , 2022, 6, 161-177.	4.3	24
123	Smad7 regulates compensatory hepatocyte proliferation in damaged mouse liver and positively relates to better clinical outcome in human hepatocellular carcinoma. <i>Clinical Science</i> , 2015, 128, 761-774.	4.3	23
124	A frequent misinterpretation in current research on liver fibrosis: the vessel in the center of CCl4-induced pseudobubbles is a portal vein. <i>Archives of Toxicology</i> , 2017, 91, 3689-3692.	4.2	23
125	Effect of alcohol on the interleukin 6-mediated inflammatory response in a new mouse model of acute-on-chronic liver injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 298-307.	3.8	23
126	Modeling hepatic osteodystrophy in Abcb4 deficient mice. <i>Bone</i> , 2013, 55, 501-511.	2.9	20



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127	Ethanol sensitizes hepatocytes for TGF- $\beta$ <sup>2</sup> -triggered apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 51.	6.3	20
128	Confounding influence of tamoxifen in mouse models of Cre recombinase-induced gene activity or modulation. <i>Archives of Toxicology</i> , 2018, 92, 2549-2561.	4.2	20
129	Decreased Levels of Active SMAD2 Correlate with Poor Prognosis in Gastric Cancer. <i>PLoS ONE</i> , 2012, 7, e35684.	2.5	20
130	CD133 expression in cancer cells predicts poor prognosis of non-mucin producing intrahepatic cholangiocarcinoma. <i>Journal of Translational Medicine</i> , 2018, 16, 50.	4.4	19
131	Hepatocyte caveolin-1 modulates metabolic gene profiles and functions in non-alcoholic fatty liver disease. <i>Cell Death and Disease</i> , 2020, 11, 104.	6.3	19
132	Orphan nuclear receptor ERR- $\beta$ regulates hepatic FGF23 production in acute kidney injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
133	Caveolin and TGF- $\beta$ <sup>2</sup> entanglements. <i>Journal of Cellular Physiology</i> , 2013, 228, 2097-2102.	4.1	18
134	Tropoelastin expression is up-regulated during activation of hepatic stellate cells and in the livers of CCl <sub>4</sub> -cirrhotic rats. <i>Liver</i> , 2002, 22, 220-227.	0.1	17
135	A fast and efficient polymerase chain reaction-based method for the preparation of in situ hybridization probes. <i>Histopathology</i> , 2012, 61, 306-313.	2.9	17
136	GATA4 and LMO3 balance angiocrine signaling and autocrine inflammatory activation by BMP2 in liver sinusoidal endothelial cells. <i>Gene</i> , 2017, 627, 491-499.	2.2	17
137	Transforming Growth Factor- $\beta$ <sup>2</sup> Drives the Transendothelial Migration of Hepatocellular Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2119.	4.1	17
138	Isolation and characterization of the human genomic locus coding for the putative metastasis control gene nm23-H1. <i>Human Genetics</i> , 1994, 93, 63-6.	3.8	15
139	Long-term antifibrotic action of interferon- $\beta$ treatment in patients with chronic hepatitis B virus infection. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2011, 10, 151-157.	1.3	15
140	Follistatin-controlled activin-HNF4 $\alpha$ coagulation factor axis in liver progenitor cells determines outcome of acute liver failure. <i>Hepatology</i> , 2022, 75, 322-337.	7.3	14
141	Evolving Insights on Metabolism, Autophagy, and Epigenetics in Liver Myofibroblasts. <i>Frontiers in Physiology</i> , 2016, 7, 191.	2.8	13
142	Liver Sinusoidal Endothelial Cells Suppress Bone Morphogenetic Protein 2 Production in Response to TGF $\beta$ <sup>2</sup> Pathway Activation. <i>Hepatology</i> , 2021, 74, 2186-2200.	7.3	13
143	Orphan nuclear receptor SHP regulates iron metabolism through inhibition of BMP6-mediated hepcidin expression. <i>Scientific Reports</i> , 2016, 6, 34630.	3.3	12
144	Expression of TLR-2 in hepatocellular carcinoma is associated with tumour proliferation, angiogenesis and Caspase-3 expression. <i>Pathology Research and Practice</i> , 2020, 216, 152980.	2.3	12

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145	Identification of RARRES1 as a core regulator in liver fibrosis. <i>Journal of Molecular Medicine</i> , 2012, 90, 1439-1447.	3.9	10
146	Hepatocyte fate upon TGF- $\beta$ 2 challenge is determined by the matrix environment. <i>Differentiation</i> , 2015, 89, 105-116.	1.9	10
147	Hepatic Smad7 overexpression causes severe iron overload in mice. <i>Blood</i> , 2018, 131, 581-585.	1.4	10
148	TGF- $\beta$ 2/Smad-signaling in liver cells: Target genes and inhibitors of two parallel pathways. <i>Signal Transduction</i> , 2006, 6, 329-337.	0.4	9
149	Small Heterodimer Partner Deficiency Increases Inflammatory Liver Injury Through C-X-C motif chemokine ligand 2-Driven Neutrophil Recruitment in Mice. <i>Toxicological Sciences</i> , 2018, 163, 254-264.	3.1	9
150	Adenovirus-mediated overexpression of bone morphogenetic protein-9 promotes methionine choline deficiency-induced non-alcoholic steatohepatitis in non-obese mice. <i>Molecular Medicine Reports</i> , 2019, 20, 2743-2753.	2.4	9
151	MicroRNA-124 Alleviates Retinal Vasoregression via Regulating Microglial Polarization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11068.	4.1	9
152	FOXA2 prevents hyperbilirubinaemia in acute liver failure by maintaining apical MRP2 expression. <i>Gut</i> , 2023, 72, 549-559.	12.1	9
153	Small heterodimer partner negatively regulates C-X-C motif chemokine ligand 2 in hepatocytes during liver inflammation. <i>Scientific Reports</i> , 2018, 8, 15222.	3.3	8
154	Orphan Nuclear Receptor ERR $\beta$ Is a Novel Transcriptional Regulator of IL-6 Mediated Hepatic BMP6 Gene Expression in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7148.	4.1	8
155	Orphan nuclear receptor ERR $\beta$ regulates hepatic TGF- $\beta$ 2 expression and fibrogenic response in CCl4-induced acute liver injury. <i>Archives of Toxicology</i> , 2021, 95, 3071-3084.	4.2	8
156	Focused scores enable reliable discrimination of small differences in steatosis. <i>Diagnostic Pathology</i> , 2018, 13, 76.	2.0	7
157	Human skin-derived ABCB5+ stem cell injection improves liver disease parameters in Mdr2KO mice. <i>Archives of Toxicology</i> , 2019, 93, 2645-2660.	4.2	7
158	Estrogen-related receptor $\beta$ controls sterol regulatory element-binding protein-1c expression and alcoholic fatty liver. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158521.	2.4	7
159	Caveolin-1 Impacts on TGF- $\beta$ 2 Regulation of Metabolic Gene Signatures in Hepatocytes. <i>Frontiers in Physiology</i> , 2019, 10, 1606.	2.8	7
160	Mesenchymal stromal cells mitigate liver damage after extended resection in the pig by modulating thrombospondin-1/TGF- $\beta$ 2. <i>Npj Regenerative Medicine</i> , 2021, 6, 84.	5.2	7
161	Cross-hybridization between the avian myeloblastosis oncogene and eukaryotic 28S ribosomal RNA. <i>Gene</i> , 1992, 110, 263-264.	2.2	6
162	NeoHepatocytes From Alcoholics and Controls Express Hepatocyte Markers and Display Reduced Fibrogenic TGF- $\beta$ 2/Smad3 Signaling: Advantage for Cell Transplantation?. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 708-718.	2.4	6

#	ARTICLE	IF	CITATIONS
163	A Polymorphism Within the Connective Tissue Growth Factor (CTGF) Gene has No Effect on Non-Invasive Markers of Beta-Cell Area and Risk of Type 2 Diabetes. <i>Disease Markers</i> , 2011, 31, 241-246.	1.3	6
164	Alcoholic liver disease and exacerbation by malnutrition and infections: what animal models are currently available?. <i>Annals of the New York Academy of Sciences</i> , 2011, 1216, 41-49.	3.8	6
165	Monitoring cytochrome P450 activity in living hepatocytes by chromogenic substrates in response to drug treatment or during cell maturation. <i>Archives of Toxicology</i> , 2018, 92, 1133-1149.	4.2	6
166	A hierarchical regulatory network ensures stable albumin transcription under various pathophysiological conditions. <i>Hepatology</i> , 2022, 76, 1673-1689.	7.3	6
167	Divergence of TGF $\beta$ 2 signaling in activated hepatic stellate cells downstream from Smad2 phosphorylation. <i>Signal Transduction</i> , 2002, 2, 11-28.	0.4	5
168	Inverse agonist of ERR $\beta$ 3 reduces cannabinoid receptor type 1-mediated induction of fibrinogen synthesis in mice with a high-fat diet-intoxicated liver. <i>Archives of Toxicology</i> , 2018, 92, 2885-2896.	4.2	5
169	Smad7 dependent expression signature highlights BMP2 and HK2 signaling in HSC transdifferentiation. <i>World Journal of Gastroenterology</i> , 2010, 16, 5211.	3.3	5
170	ALK1 controls hepatic vessel formation, angiogenesis, and angiocrine functions in hereditary hemorrhagic telangiectasia of the liver. <i>Hepatology</i> , 2023, 77, 1211-1227.	7.3	5
171	Systems genetics of hepatocellular damage in vivo and in vitro: identification of a critical network on chromosome 11 in mouse. <i>Physiological Genomics</i> , 2013, 45, 931-939.	2.3	4
172	Darbepoetin inhibits proliferation of hepatic cancer cells in the presence of TGF $\beta$ 2. <i>Archives of Toxicology</i> , 2014, 88, 89-96.	4.2	4
173	Global Transcriptional Response of Human Liver Cells to Ethanol Stress of Different Strength Reveals Hormetic Behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 883-894.	2.4	4
174	Orphan nuclear receptor ERR $\beta$ 3 is a key regulator of human fibrinogen gene expression. <i>PLoS ONE</i> , 2017, 12, e0182141.	2.5	4
175	Assessment of the hepatocytic differentiation ability of human skin-derived ABCB5+ stem cells. <i>Experimental Cell Research</i> , 2018, 369, 335-347.	2.6	4
176	An inverse agonist of estrogen-related receptor $\beta$ 3 regulates 2-arachidonoylglycerol synthesis by modulating diacylglycerol lipase expression in alcohol-intoxicated mice. <i>Archives of Toxicology</i> , 2020, 94, 427-438.	4.2	4
177	Tgf $\beta$ 2 and the Smad Pathway in Liver Fibrogenesis. , 2005, , 139-150.		3
178	Second exposure to acetaminophen overdose is associated with liver fibrosis in mice. <i>EXCLI Journal</i> , 2019, 18, 51-62.	0.7	3
179	Inflammation does not always kill hepatocytes during liver damage. <i>Hepatology</i> , 2011, 54, 366-366.	7.3	2
180	Metabolic Consequences of TGF $\beta$ Stimulation in Cultured Primary Mouse Hepatocytes Screened from Transcript Data with ModeScore. <i>Metabolites</i> , 2012, 2, 983-1003.	2.9	2

#	ARTICLE	IF	CITATIONS
181	Serum dihydroxyacetone kinase peptide m/z 520.3 as predictor of disease severity in patients with compensated chronic hepatitis B. <i>Journal of Translational Medicine</i> , 2013, 11, 234.	4.4	2
182	The right choice of antihypertensives protects primary human hepatocytes from ethanol- and recombinant human TGF- $\beta$ 1-induced cellular damage. <i>Hepatic Medicine: Evidence and Research</i> , 2013, 5, 31.	2.5	2
183	Inflammation in alcohol-associated liver disease progression. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, 58-66.	0.5	2
184	Liver specific, systemic and genetic contributors to alcohol-related liver disease progression. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, 36-44.	0.5	2
185	Quantitative and integrative analysis of paracrine hepatocyte activation by nonparenchymal cells upon lipopolysaccharide induction. <i>FEBS Journal</i> , 2017, 284, 796-813.	4.7	1
186	THU-375-Transcription factor TRIM33 controls liver progenitor cell towards hepatocyte differentiation through synergizing with SMAD2/3 following massive parenchymal loss. <i>Journal of Hepatology</i> , 2019, 70, e318-e319.	3.7	1
187	Digital Gastroenterology. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 29, 493-496.	0.9	1
188	Serum Glial Cell Line-Derived Neurotrophic Factor (sGDNF) Is a Novel Biomarker in Predicting Cirrhosis in Patients with Chronic Hepatitis B. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2022, 2022, 1-9.	1.9	1
189	220. AAV Mediated Gene Transfer of Smad7 in Different Models of Cystic Kidney Diseases. <i>Molecular Therapy</i> , 2006, 13, S85.	8.2	0
190	Preface. <i>Digestive Diseases</i> , 2010, 28, 701-701.	1.9	0
191	Erratum to "Inhibition of fibronectin deposition improves experimental liver fibrosis" [ <i>J Hepatol</i> 2015;62:625-633]. <i>Journal of Hepatology</i> , 2015, 62, 1455-1456.	3.7	0
192	THU-039-LPS-induced upregulation of RANTES in a new mouse model of bacterial infection related acute-on-chronic liver injury. <i>Journal of Hepatology</i> , 2019, 70, e177.	3.7	0
193	7. Pathophysiologie der alkoholbedingten Fibrose und Zirrhose. , 2019, , 109-134.		0
194	Editorial: Systems Biology and Bioinformatics in Gastroenterology and Hepatology. <i>Frontiers in Physiology</i> , 2019, 10, 1438.	2.8	0
195	Dysregulated paired related homeobox1 impacts on hepatocellular carcinoma phenotypes. <i>BMC Cancer</i> , 2021, 21, 1006.	2.6	0
196	ANTI-TGF- $\beta$ STRATEGIES FOR THE TREATMENT OF CHRONIC LIVER DISEASE.. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 62A.	2.4	0
197	IFN- $\gamma$ AMELIORATES HEPATIC FIBROSIS IN CHRONIC HEPATITIS B VIRUS INFECTION.. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 33A.	2.4	0
198	Abstract 1466: Smad 7 induces invasion, migration and in vivo metastasis in Non Small Cell Lung Cancer. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
199	Expression of hMSH-2 Mismatch-Repair Gene in Epithelial and Melanocytic Skin Tumors: Regulation by P53 Protein and UV-B Irradiation. , 1999, , 219-226.		0
200	Insulin-controlled C/EBP $\beta$ expression determines the impact of TGF- $\beta$ 2 on HNF4 $\beta$ transcription in hepatocytes. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.5	0
201	Downregulation of ECM1 in hepatocytes as a damage response to liver injury. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.5	0
202	Multi-omics profiling identifies molecular signatures of acute-on-chronic liver failure in Abcb4KO mice upon chemical intoxication. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.5	0
203	Acute liver injury induces expression of FGF23 in hepatocytes via orphan nuclear receptor ERR $\beta$ 3 signaling. Genes and Diseases, 2022, , .	3.4	0