

# Claus Hellerbrand

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

4,687  
citations

109321

35  
h-index

102487

66  
g-index

87  
all docs

87  
docs citations

87  
times ranked

8212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal fungi contribute to development of alcoholic liver disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 2829-2841.	8.2	336
2	Non-alcoholic fatty liver disease, obesity and the metabolic syndrome. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2014, 28, 637-653.	2.4	332
3	GLUT1 Expression Is Increased in Hepatocellular Carcinoma and Promotes Tumorigenesis. <i>American Journal of Pathology</i> , 2009, 174, 1544-1552.	3.8	283
4	Activated hepatic stellate cells promote tumorigenicity of hepatocellular carcinoma. <i>Cancer Science</i> , 2009, 100, 646-653.	3.9	242
5	Lipid accumulation in hepatocytes induces fibrogenic activation of hepatic stellate cells. <i>Cell Research</i> , 2009, 19, 996-1005.	12.0	198
6	A novel MCP-1 gene polymorphism is associated with hepatic MCP-1 expression and severity of HCV-related liver disease. <i>Gastroenterology</i> , 2003, 125, 1085-1093.	1.3	195
7	Down-regulation of CYLD expression by Snail promotes tumor progression in malignant melanoma. <i>Journal of Experimental Medicine</i> , 2009, 206, 221-232.	8.5	193
8	Reduced expression of CYLD in human colon and hepatocellular carcinomas. <i>Carcinogenesis</i> , 2007, 28, 21-27.	2.8	153
9	Hepatic stellate cells are the pericytes in the liver. <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 775-778.	2.8	119
10	Expression of fatty acid synthase in nonalcoholic fatty liver disease. <i>International Journal of Clinical and Experimental Pathology</i> , 2010, 3, 505-14.	0.5	111
11	BMP-9 interferes with liver regeneration and promotes liver fibrosis. <i>Gut</i> , 2017, 66, 939-954.	12.1	107
12	Ferritin-Mediated Iron Sequestration Stabilizes Hypoxia-Inducible Factor-1 $\alpha$ upon LPS Activation in the Presence of Ample Oxygen. <i>Cell Reports</i> , 2015, 13, 2048-2055.	6.4	106
13	Clinical significance of histone deacetylases 1, 2, 3, and 7: HDAC2 is an independent predictor of survival in HCC. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 459, 129-139.	2.8	105
14	Heterozygous carriage of the alpha1-antitrypsin Pi*Z variant increases the risk to develop liver cirrhosis. <i>Gut</i> , 2019, 68, 1099-1107.	12.1	100
15	Xanthohumol, a chalcon derived from hops, inhibits hepatic inflammation and fibrosis. <i>Molecular Nutrition and Food Research</i> , 2010, 54, S205-13.	3.3	82
16	Glucose transporter isoform 1 expression enhances metastasis of malignant melanoma cells. <i>Oncotarget</i> , 2015, 6, 32748-32760.	1.8	81
17	Histone Deacetylase Expressions in Hepatocellular Carcinoma and Functional Effects of Histone Deacetylase Inhibitors on Liver Cancer Cells In Vitro. <i>Cancers</i> , 2019, 11, 1587.	3.7	80
18	Wild type Kirsten rat sarcoma is a novel microRNA-622-regulated therapeutic target for hepatocellular carcinoma and contributes to sorafenib resistance. <i>Gut</i> , 2018, 67, 1328-1341.	12.1	77

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19	Control of hepatocyte proliferation and survival by Fgf receptors is essential for liver regeneration in mice. <i>Gut</i> , 2015, 64, 1444-1453.	12.1	74
20	Increased expression of c-Jun in nonalcoholic fatty liver disease. <i>Laboratory Investigation</i> , 2014, 94, 394-408.	3.7	73
21	A New Model of Interactive Effects of Alcohol and High-Fat Diet on Hepatic Fibrosis. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1361-1367.	2.4	71
22	Activated Hepatic Stellate Cells Express Keratinocyte Growth Factor in Chronic Liver Disease. <i>American Journal of Pathology</i> , 2004, 165, 1233-1241.	3.8	68
23	HFE C282Y heterozygosity in hepatocellular carcinoma: evidence for an increased prevalence. <i>Clinical Gastroenterology and Hepatology</i> , 2003, 1, 279-284.	4.4	67
24	Promoter-hypermethylation is causing functional relevant downregulation of methylthioadenosine phosphorylase ( MTAP ) expression in hepatocellular carcinoma. <i>Carcinogenesis</i> , 2005, 27, 64-72.	2.8	64
25	Reduced Expression of Fibroblast Growth Factor Receptor 2IIIb in Hepatocellular Carcinoma Induces a More Aggressive Growth. <i>American Journal of Pathology</i> , 2010, 176, 1433-1442.	3.8	52
26	FGF Receptors 1 and 2 Control Chemically Induced Injury and Compound Detoxification in Regenerating Livers of Mice. <i>Gastroenterology</i> , 2010, 139, 1385-1396.e8.	1.3	47
27	Enhanced expression of BMP6 inhibits hepatic fibrosis in non-alcoholic fatty liver disease. <i>Gut</i> , 2015, 64, 973-981.	12.1	47
28	Impact of Different Embolic Agents for Transarterial Chemoembolization (TACE) Procedures on Systemic Vascular Endothelial Growth Factor (VEGF) Levels. <i>Journal of Clinical and Translational Hepatology</i> , 2016, 4, 288-292.	1.4	47
29	Regulation and function of the atypical cadherin FAT1 in hepatocellular carcinoma. <i>Carcinogenesis</i> , 2014, 35, 1407-1415.	2.8	46
30	The hop constituent xanthohumol exhibits hepatoprotective effects and inhibits the activation of hepatic stellate cells at different levels. <i>Frontiers in Physiology</i> , 2015, 6, 140.	2.8	43
31	Expression and function of fibroblast growth factor (FGF) 9 in hepatic stellate cells and its role in toxic liver injury. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 335-341.	2.1	42
32	Specific Expression and Regulation of the New Melanoma Inhibitory Activity-related Gene MIA2 in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 15225-15231.	3.4	40
33	ERK activation and autophagy impairment are central mediators of irinotecan-induced steatohepatitis. <i>Gut</i> , 2018, 67, gutjnl-2016-312485.	12.1	40
34	Xanthohumol suppresses inflammatory response to warm ischemiaâ€“reperfusion induced liver injury. <i>Experimental and Molecular Pathology</i> , 2013, 94, 10-16.	2.1	37
35	Neuroblastoma RAS Viral Oncogene Homolog (NRAS) Is a Novel Prognostic Marker and Contributes to Sorafenib Resistance in Hepatocellular Carcinoma. <i>Neoplasia</i> , 2019, 21, 257-268.	5.3	37
36	Inhibition of mTORC2 component RICTOR impairs tumor growth in pancreatic cancer models. <i>Oncotarget</i> , 2017, 8, 24491-24505.	1.8	36

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37	Cylindromatosis gene CYLD regulates hepatocyte growth factor expression in hepatic stellate cells through interaction with histone deacetylase 7. <i>Hepatology</i> , 2014, 60, 1066-1081.	7.3	35
38	Analysis of molecular mechanisms of 5-fluorouracil-induced steatosis and inflammation in vitro and in mice. <i>Oncotarget</i> , 2017, 8, 13059-13072.	1.8	35
39	Therapeutic Application of Micellar Solubilized Xanthohumol in a Western-Type Diet-Induced Mouse Model of Obesity, Diabetes and Non-Alcoholic Fatty Liver Disease. <i>Cells</i> , 2019, 8, 359.	4.1	35
40	Elevated systemic monocyte chemoattractant protein-1 in hepatic steatosis without significant hepatic inflammation. <i>Experimental and Molecular Pathology</i> , 2011, 91, 780-783.	2.1	33
41	Identification of cytochrome CYP2E1 as critical mediator of synergistic effects of alcohol and cellular lipid accumulation in hepatocytes in vitro. <i>Oncotarget</i> , 2015, 6, 41464-41478.	1.8	32
42	Fibroblast Growth Factor 9 is expressed by activated hepatic stellate cells and promotes progression of hepatocellular carcinoma. <i>Scientific Reports</i> , 2020, 10, 4546.	3.3	32
43	Role of fibroblast growth factor signalling in hepatic fibrosis. <i>Liver International</i> , 2021, 41, 1201-1215.	3.9	31
44	Hepatoprotective effect of oral application of a silymarin extract in carbon tetrachloride-induced hepatotoxicity in rats. <i>Clinical Phytoscience</i> , 2015, 1, .	1.6	30
45	Hepatic steatosis causes induction of the chemokine RANTES in the absence of significant hepatic inflammation. <i>International Journal of Clinical and Experimental Pathology</i> , 2010, 3, 675-80.	0.5	29
46	Protective effect of xanthohumol on toxin-induced liver inflammation and fibrosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2012, 5, 29-36.	0.5	28
47	BMP6-induced modulation of the tumor micro-milieu. <i>Oncogene</i> , 2019, 38, 609-621.	5.9	25
48	Combined effects of PLK1 and RAS in hepatocellular carcinoma reveal rigosertib as promising novel therapeutic dual-hit option. <i>Oncotarget</i> , 2018, 9, 3605-3618.	1.8	25
49	Targeting Melanoma Metastasis and Immunosuppression with a New Mode of Melanoma Inhibitory Activity (MIA) Protein Inhibition. <i>PLoS ONE</i> , 2012, 7, e37941.	2.5	23
50	Causal Modeling of Cancer-Stromal Communication Identifies PAPP A as a Novel Stroma-Secreted Factor Activating NF $\kappa$ B Signaling in Hepatocellular Carcinoma. <i>PLoS Computational Biology</i> , 2015, 11, e1004293.	3.2	22
51	Immunometabolic Determinants of Chemoradiotherapy Response and Survival in Head and Neck Squamous Cell Carcinoma. <i>American Journal of Pathology</i> , 2018, 188, 72-83.	3.8	22
52	Characterization of glycolysis-related gene expression in malignant melanoma. <i>Pathology Research and Practice</i> , 2020, 216, 152752.	2.3	22
53	Xanthohumol, a prenylated chalcone derived from hops, inhibits proliferation, migration and interleukin-8 expression of hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , 2010, 36, 435-41.	3.9	22
54	Inhibition of mTORC2/RICTOR Impairs Melanoma Hepatic Metastasis. <i>Neoplasia</i> , 2018, 20, 1198-1208.	5.3	21

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55	MicroRNA-622 is a novel mediator of tumorigenicity in melanoma by targeting Kirsten rat sarcoma. <i>Pigment Cell and Melanoma Research</i> , 2018, 31, 614-629.	3.3	20
56	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
57	Role of melanoma inhibitory activity in melanocyte senescence. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 777-791.	3.3	20
58	Downregulation of P-cadherin expression in hepatocellular carcinoma induces tumorigenicity. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 6125-32.	0.5	20
59	An iso-alpha-acid-rich extract from hops ( <i>Humulus lupulus</i> ) attenuates acute alcohol-induced liver steatosis in mice. <i>Nutrition</i> , 2018, 45, 68-75.	2.4	18
60	Pharmacological Inhibition of mTORC2 Reduces Migration and Metastasis in Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 30.	4.1	18
61	In situ expression patterns of melanoma inhibitory activity 2 in healthy and diseased livers. <i>Liver International</i> , 2005, 25, 357-366.	3.9	17
62	Effect of acute beer ingestion on the liver: studies in female mice. <i>European Journal of Nutrition</i> , 2015, 54, 465-474.	3.9	16
63	Bone Morphogenetic Protein-8B Expression is Induced in Steatotic Hepatocytes and Promotes Hepatic Steatosis and Inflammation In Vitro. <i>Cells</i> , 2019, 8, 457.	4.1	16
64	Association of Rare CYP39A1 Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 753.	7.4	16
65	Xanthohumol, a Prenylated Chalcone Derived from Hops, Inhibits Growth and Metastasis of Melanoma Cells. <i>Cancers</i> , 2021, 13, 511.	3.7	16
66	Iso-alpha acids from hops ( <i>Humulus lupulus</i> ) inhibit hepatic steatosis, inflammation, and fibrosis. <i>Laboratory Investigation</i> , 2018, 98, 1614-1626.	3.7	15
67	BMP-9 Modulates the Hepatic Responses to LPS. <i>Cells</i> , 2020, 9, 617.	4.1	15
68	Dissimilar Appearances Are Deceptive—Common microRNAs and Therapeutic Strategies in Liver Cancer and Melanoma. <i>Cells</i> , 2020, 9, 114.	4.1	14
69	Expression and function of microRNA-188-5p in activated rheumatoid arthritis synovial fibroblasts. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 6607-16.	0.5	14
70	Targeting Fibroblast Growth Factor Receptor (FGFR) with BGJ398 in a Gastric Cancer Model. <i>Anticancer Research</i> , 2015, 35, 6655-65.	1.1	14
71	Chronic Psychosocial Stress in Mice Is Associated With Increased Acid Sphingomyelinase Activity in Liver and Serum and With Hepatic C16:0-Ceramide Accumulation. <i>Frontiers in Psychiatry</i> , 2018, 9, 496.	2.6	12
72	Recent Advances in Practical Methods for Liver Cell Biology: A Short Overview. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2027.	4.1	10

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73	Four-And-A-Half LIM-Domain Protein 2 (FHL2) Deficiency Aggravates Cholestatic Liver Injury. <i>Cells</i> , 2020, 9, 248.	4.1	9
74	The Delta Subunit of Rod-Specific Photoreceptor cGMP Phosphodiesterase (PDE6D) Contributes to Hepatocellular Carcinoma Progression. <i>Cancers</i> , 2019, 11, 398.	3.7	8
75	Î²-Arrestin2 is increased in liver fibrosis in humans and rodents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27082-27084.	7.1	8
76	Effect of melanoma cells on proliferation and migration of activated hepatic stellate cells in vitro. <i>Pathology Research and Practice</i> , 2017, 213, 400-404.	2.3	6
77	Dual Inhibition of mTORC1/2 Reduces Migration of Cholangiocarcinoma Cells by Regulation of Matrixmetalloproteinases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 785979.	3.7	6
78	Identification of novel targets of miR-622 in hepatocellular carcinoma reveals common regulation of cooperating genes and outlines the oncogenic role of zinc finger CCHC-type containing 11. <i>Neoplasia</i> , 2021, 23, 502-514.	5.3	5
79	Role of mammalian target of rapamycin complex 2 in primary and secondary liver cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 1632-1647.	2.0	5
80	Development of an in vitro model to study hepatitis C virus effects on hepatocellular lipotoxicity and lipid metabolism. <i>Pathology Research and Practice</i> , 2018, 214, 1700-1706.	2.3	3
81	Establishment of a p-nitrophenol oxidation-based assay for the analysis of CYP2E1 activity in intact hepatocytes in vitro. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 219-223.	2.7	3
82	Inhibition of monoacylglycerol lipase for the treatment of liver disease: tempting but still playing with fire. <i>Gut</i> , 2019, 68, 382-384.	12.1	3
83	Combined De-Repression of Chemoresistance Associated Mitogen-Activated Protein Kinase 14 and Activating Transcription Factor 2 by Loss of microRNA-622 in Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 1183.	3.7	3
84	Colocalization analysis of pancreas eQTLs with risk loci from alcoholic and novel non-alcoholic chronic pancreatitis GWAS suggests potential disease causing mechanisms. <i>Pancreatology</i> , 2022, 22, 449-456.	1.1	3
85	Bone morphogenetic protein 13 in hepatic stellate cells and hepatic fibrosis. <i>Journal of Cellular Biochemistry</i> , 2022, , .	2.6	1
86	Does it matter not only how much but also when we eat to induce fatty liver?. <i>Hepatology</i> , 2011, 54, 1096-1099.	7.3	0
87	S01-4Alcohol and Obesity: A Dangerous Association for Fatty Liver Disease. <i>Alcohol and Alcoholism</i> , 2017, 52, i4-i30.	1.6	0