George K Michalopoulos

List of Publications by Year
in descending order

221 papers	19,701 citations	13854 67 h-index	11601 135 g-index
222 all docs	222 docs citations	222 times ranked	16274 citing authors

#	Article	IF	Citations
1	Liver Regeneration. Science, 1997, 276, 60-66.	6.0	3,002
2	Liver regeneration. Journal of Cellular Physiology, 2007, 213, 286-300.	2.0	1,284
3	Liver regeneration: molecular mechanisms of growth control. FASEB Journal, 1990, 4, 176-187.	0.2	898
4	Gene Expression Alterations in Prostate Cancer Predicting Tumor Aggression and Preceding Development of Malignancy. Journal of Clinical Oncology, 2004, 22, 2790-2799.	0.8	674
5	Liver Regeneration after Partial Hepatectomy. American Journal of Pathology, 2010, 176, 2-13.	1.9	627
6	Liver regeneration: biological and pathological mechanisms and implications. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 40-55.	8.2	422
7	Hepatocyte growth factor (hepatopoietin A) rapidly increases in plasma before DNA synthesis and liver regeneration stimulated by partial hepatectomy and carbon tetrachloride administration. Hepatology, 1991, 13, 743-750.	3.6	353
8	Hepatic oval cells express the hematopoietic stem cell marker thy-1 in the rat. Hepatology, 1998, 27, 433-445.	3.6	351
9	Hepatostat: Liver regeneration and normal liver tissue maintenance. Hepatology, 2017, 65, 1384-1392.	3.6	326
10	Transcriptomic and genomic analysis of human hepatocellular carcinomas and hepatoblastomas. Hepatology, 2006, 44, 1012-1024.	3.6	319
11	Conditional Deletion of Î²-Catenin Reveals Its Role in Liver Growth and Regeneration. Gastroenterology, 2006, 131, 1561-1572.	0.6	318
12	Cross-talk between Epidermal Growth Factor Receptor and c-Met Signal Pathways in Transformed Cells. Journal of Biological Chemistry, 2000, 275, 8806-8811.	1.6	306
13	Transdifferentiation of rat hepatocytes into biliary cells after bile duct ligation and toxic biliary injury. Hepatology, 2005, 41, 535-544.	3.6	278
14	Changes in WNT/Î²-catenin pathway during regulated growth in rat liver regeneration. Hepatology, 2001, 33, 1098-1109.	3.6	257
15	Hepatocyte growth factor induces Wnt-independent nuclear translocation of beta-catenin after Met-beta-catenin dissociation in hepatocytes. Cancer Research, 2002, 62, 2064-71.	0.4	256
16	Principles of Liver Regeneration and Growth Homeostasis. , 2013, 3, 485-513.		218
17	Gene expression analysis of prostate cancers. Molecular Carcinogenesis, 2002, 33, 25-35.	1.3	216
18	Î²-catenin antisense studies in embryonic liver cultures: Role in proliferation, apoptosis, and lineage specification. Gastroenterology, 2003, 124, 202-216.	0.6	216

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19	A Mechanism of Cell Survival. Molecular Cell, 2002, 9, 411-421.	4.5	213
20	Expression of Hepatocyte Growth Factor mRNA in regenerating rat liver after partial hepatectomy. Biochemical and Biophysical Research Communications, 1991, 177, 559-565.	1.0	207
21	Glutathione Peroxidase 3, Deleted or Methylated in Prostate Cancer, Suppresses Prostate Cancer Growth and Metastasis. Cancer Research, 2007, 67, 8043-8050.	0.4	205
22	Epidermal Growth Factor Receptor: A Novel Target of the Wnt/Î²-Catenin Pathway in Liver. Gastroenterology, 2005, 129, 285-302.	0.6	201
23	Hepatic oval cell activation in response to injury following chemically induced periportal or pericentral damage in rats. Hepatology, 1998, 27, 1030-1038.	3.6	187
24	Hepatocyte Growth Factor Attenuates Liver Fibrosis Induced by Bile Duct Ligation. American Journal of Pathology, 2006, 168, 1500-1512.	1.9	186
25	Î±1-Adrenergic effects and liver regeneration. Hepatology, 1987, 7, 1189-1194.	3.6	184
26	Î²-Catenin is temporally regulated during normal liver developmentâ˜†. Gastroenterology, 2004, 126, 1134-1146.	0.6	178
27	Î²-Catenin deletion in hepatoblasts disrupts hepatic morphogenesis and survival during mouse development. Hepatology, 2008, 47, 1667-1679.	3.6	170
28	Expression of Notch-1 and its ligand Jagged-1 in rat liver during liver regeneration. Hepatology, 2004, 39, 1056-1065.	3.6	163
29	Localization of hepatocyte growth factor in human and rat tissues: An immunohistochemical study. Hepatology, 1991, 14, 488-494.	3.6	161
30	Promotion of cholangiocarcinoma growth by diverse cancer-associated fibroblast subpopulations. Cancer Cell, 2021, 39, 866-882.e11.	7.7	159
31	Expression and activation of pro-MMP-2 and pro-MMP-9 during rat liver regeneration. Hepatology, 2000, 31, 75-82.	3.6	149
32	Enhanced liver regeneration following changes induced by hepatocyte-specific genetic ablation of integrin-linked kinase. Hepatology, 2009, 50, 844-851.	3.6	147
33	Human biliary epithelial cells secrete and respond to cytokines and hepatocyte growth factors in vitro: Interleukin-6, hepatocyte growth factor and epidermal growth factor promote DNA synthesis in vitro. Hepatology, 1994, 20, 376-382.	3.6	139
34	Wnt impacts growth and differentiation in ex vivo liver development. Experimental Cell Research, 2004, 292, 157-169.	1.2	130
35	Hepatocyte regeneration in acute fulminant and nonfulminant hepatitis: A study of proliferating cell nuclear antigen expression. Hepatology, 1992, 15, 707-713.	3.6	126
36	Collagenase pretreatment and the mitogenic effects of hepatocyte growth factor and transforming growth factor-Î± in adult rat liver. Hepatology, 1994, 19, 1521-1527.	3.6	125

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37	The processing and utilization of hepatocyte growth factor/scatter factor following partial hepatectomy in the rat. Hepatology, 2001, 34, 688-693.	3.6	122
38	Activation of LXRs prevents bile acid toxicity and cholestasis in female mice. Hepatology, 2007, 45, 422-432.	3.6	121
39	Immediate early detection of urokinase receptor after partial hepatectomy and its implications for initiation of liver regeneration. Hepatology, 1995, 21, 1695-1701.	3.6	117
40	HGF-, EGF-, and Dexamethasone-Induced Gene Expression Patterns During Formation of Tissue in Hepatic Organoid Cultures. Gene Expression, 2003, 11, 55-75.	0.5	117
41	Morphogenetic events in mixed cultures of rat hepatocytes and nonparenchymal cells maintained in biological matrices in the presence of hepatocyte growth factor and epidermal growth factor. Hepatology, 1999, 29, 90-100.	3.6	116
42	Advances in liver regeneration. Expert Review of Gastroenterology and Hepatology, 2014, 8, 897-907.	1.4	112
43	Histological Organization in Hepatocyte Organoid Cultures. American Journal of Pathology, 2001, 159, 1877-1887.	1.9	109
44	Liver regeneration: Alternative epithelial pathways. International Journal of Biochemistry and Cell Biology, 2011, 43, 173-179.	1.2	109
45	Signals and Cells Involved in Regulating Liver Regeneration. Cells, 2012, 1, 1261-1292.	1.8	108
46	A mouse model of accelerated liver aging caused by a defect in DNA repair. Hepatology, 2012, 55, 609-621.	3.6	106
47	Liver Regeneration. Advances in Biochemical Engineering/Biotechnology, 2005, 93, 101-134.	0.6	100
48	Mechanisms of hepatocyte growth factor-mediated and epidermal growth factor-mediated signaling in transdifferentiation of rat hepatocytes to biliary epithelium. Hepatology, 2008, 47, 1702-1713.	3.6	99
49	Liver regeneration, growth factors, and amphiregulin. Gastroenterology, 2005, 128, 503-506.	0.6	97
50	Interleukin-6, hepatocyte growth factor, and their receptors in biliary epithelial cells during a type i ductular reaction in mice: Interactions between the periductal inflammatory and stromal cells and the biliary epithelium. Hepatology, 1998, 28, 1260-1268.	3.6	96
51	Synthesis of IL-6 by Hepatocytes Is a Normal Response to Common Hepatic Stimuli. PLoS ONE, 2014, 9, e96053.	1.1	93
52	Liver Stem Cells: Experimental Findings and Implications forÂHuman Liver Disease. Gastroenterology, 2015, 149, 876-882.	0.6	93
53	Sustained expression of naked plasmid DNA encoding hepatocyte growth factor in mice promotes liver and overall body growth. Hepatology, 2001, 33, 848-859.	3.6	92
54	Targeting genomic rearrangements in tumor cells through Cas9-mediated insertion of a suicide gene. Nature Biotechnology, 2017, 35, 543-550.	9.4	91

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55	Cell cycle effects resulting from inhibition of hepatocyte growth factor and its receptor c-Met in regenerating rat livers by RNA interference. Hepatology, 2007, 45, 1471-1477.	3.6	90
56	Combined systemic elimination of MET and epidermal growth factor receptor signaling completely abolishes liver regeneration and leads to liver decompensation. Hepatology, 2016, 64, 1711-1724.	3.6	89
57	Screening for candidate hepatic growth factors by selective portal infusion after canine Eck's fistula. Hepatology, 1991, 14, 665-670.	3.6	88
58	Lack of Fas antagonism by Met in human fatty liver disease. Nature Medicine, 2007, 13, 1078-1085.	15.2	84
59	Expression of specific hepatocyte and cholangiocyte transcription factors in human liver disease and embryonic development. Laboratory Investigation, 2008, 88, 865-872.	1.7	82
60	Altered responses of regenerating hepatocytes to norepinephrine and transforming growth factor type ?. Journal of Cellular Physiology, 1989, 141, 503-509.	2.0	81
61	Liver-specific ablation of integrin-linked kinase in mice results in abnormal histology, enhanced cell proliferation, and hepatomegaly. Hepatology, 2008, 48, 1932-1941.	3.6	79
62	NH2-terminal amino acid sequence of rabbit hepatopoietin A, a heparin-binding polypeptide growth factor for hepatocytes. Biochemical and Biophysical Research Communications, 1989, 163, 1370-1376.	1.0	76
63	Norepinephrine modulates the growth-inhibitory effect of transforming growth factor-beta in primary rat hepatocyte cultures. Journal of Cellular Physiology, 1988, 135, 551-555.	2.0	73
64	Comparative effects of hepatocyte growth factor and epidermal growth factor on motility, morphology, mitogenesis, and signal transduction of primary rat hepatocytes. Journal of Cellular Biochemistry, 1994, 55, 445-464.	1.2	73
65	Suppression of liver regeneration and hepatocyte proliferation in hepatocyte-targeted glypican 3 transgenic mice. Hepatology, 2010, 52, 1060-1067.	3.6	73
66	Hepatocytes undergo phenotypic transformation to biliary epithelium in organoid cultures. Hepatology, 2002, 36, 278-283.	3.6	72
67	Hepatocyte growth factor induces calcium mobilization and inositol phosphate production in rat hepatocytes. Journal of Cellular Physiology, 1992, 153, 332-339.	2.0	69
68	Analysis of Integrin Î±7 Mutations in Prostate Cancer, Liver Cancer, Glioblastoma Multiforme, and Leiomyosarcoma. Journal of the National Cancer Institute, 2007, 99, 868-880.	3.0	68
69	Effects of EGF and calcium on adult parenchymal hepatocyte proliferation. Journal of Cellular Physiology, 1987, 132, 363-366.	2.0	67
70	Comparative analysis of mitogenic and morphogenic effects of HGF and EGF on rat and human hepatocytes maintained in collagen gels. Journal of Cellular Physiology, 1993, 156, 443-452.	2.0	67
71	Gene Deletions and Amplifications in Human Hepatocellular Carcinomas. American Journal of Pathology, 2012, 180, 1495-1508.	1.9	66
72	Effect of 2% dimethyl sulfoxide on the mitogenic properties of epidermal growth factor and hepatocyte growth factor in primary hepatocyte culture. Journal of Cellular Physiology, 1991, 147, 274-280.	2.0	64

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73	RNA Interference Against Hepatic Epidermal Growth Factor Receptor Has Suppressive Effects on Liver Regeneration in Rats. American Journal of Pathology, 2010, 176, 2669-2681.	1.9	63
74	Novel Fusion Transcripts Associate with Progressive Prostate Cancer. American Journal of Pathology, 2014, 184, 2840-2849.	1.9	62
75	Norepinephrine and epidermal growth factor: Dynamics of their interaction in the stimulation of hepatocyte DNA synthesis. Journal of Cellular Physiology, 1985, 125, 45-50.	2.0	60
76	The five amino acid-deleted isoform of hepatocyte growth factor promotes carcinogenesis in transgenic mice. Oncogene, 1999, 18, 887-895.	2.6	60
77	Scaffolds containing growth factors and extracellular matrix induce hepatocyte proliferation and cell migration in normal and regenerating rat liver. Journal of Hepatology, 2011, 54, 279-287.	1.8	60
78	Myopodin, a Synaptopodin Homologue, Is Frequently Deleted in Invasive Prostate Cancers. American Journal of Pathology, 2001, 159, 1603-1612.	1.9	59
79	Investigation of the Role of Glypican 3 in Liver Regeneration and Hepatocyte Proliferation. American Journal of Pathology, 2009, 175, 717-724.	1.9	58
80	Loss of integrin linked kinase from mouse hepatocytesin vitro andin vivo results in apoptosis and hepatitis. Hepatology, 2007, 45, 1025-1034.	3.6	55
81	Peroxisomal Localization of Hypoxia-Inducible Factors and Hypoxia-Inducible Factor Regulatory Hydroxylases in Primary Rat Hepatocytes Exposed to Hypoxia-Reoxygenation. American Journal of Pathology, 2006, 169, 1251-1269.	1.9	54
82	p53-induced Gene 3 Mediates Cell Death Induced by Glutathione Peroxidase 3. Journal of Biological Chemistry, 2012, 287, 16890-16902.	1.6	53
83	CSR1 Suppresses Tumor Growth and Metastasis of Prostate Cancer. American Journal of Pathology, 2006, 168, 597-607.	1.9	50
84	Epidermal growth factor- and hepatocyte growth factor-receptor activity in serum-free cultures of human hepatocytes. Journal of Hepatology, 1999, 30, 265-274.	1.8	49
85	Glucocorticoid-Induced Effects on Pattern Formation and Epithelial Cell Differentiation in Early Embryonic Rat Lungs. Pediatric Research, 1998, 43, 305-314.	1.1	49
86	Cryopreservation of isolated rat hepatocytes. In Vitro, 1982, 18, 393-399.	1.2	48
87	Norepinephrine decreases EGF binding in primary rat hepatocyte cultures. Journal of Cellular Physiology, 1986, 127, 39-44.	2.0	48
88	Phenobarbital Suppresses Growth and Accelerates Restoration of Differentiation Markers of Primary Culture Rat Hepatocytes in the Chemically Defined Hepatocyte Growth Medium Containing Hepatocyte Growth Factor and Epidermal Growth Factor. Experimental Cell Research, 1998, 241, 445-457.	1.2	47
89	Conditional Genetic Elimination of Hepatocyte Growth Factor in Mice Compromises Liver Regeneration after Partial Hepatectomy. PLoS ONE, 2013, 8, e59836.	1.1	47
90	Adrenergic Stimulation of Hepatocyte Growth Factor Expression. Biochemical and Biophysical Research Communications, 1999, 262, 76-79.	1.0	46

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91	Identification of recurrent fusion genes across multiple cancer types. Scientific Reports, 2019, 9, 1074.	1.6	46
92	Heart transplantation versus left ventricular assist devices as destination therapy or bridge to transplantation for 1-year mortality: a systematic review and meta-analysis. Annals of Cardiothoracic Surgery, 2018, 7, 3-11.	0.6	45
93	Differential effect of growth factors on growth stimulation and phenotypic stability of glutamine-synthetase-positive and -negative hepatocytes in primary culture. Differentiation, 1986, 33, 45-55.	1.0	44
94	Differential Expression and Distribution of Focal Adhesion and Cell Adhesion Molecules in Rat Hepatocyte Differentiation. Experimental Cell Research, 1998, 244, 93-104.	1.2	44
95	Whole-Genome Methylation Sequencing Reveals Distinct Impact of Differential Methylations on Gene Transcription in Prostate Cancer. American Journal of Pathology, 2013, 183, 1960-1970.	1.9	44
96	MAN2A1â€“FER Fusion Gene Is Expressed by Human Liver and Other Tumor Types and Has Oncogenic Activity in Mice. Gastroenterology, 2017, 153, 1120-1132.e15.	0.6	44
97	Regulation of hepatocyte growth: Alpha-1 adrenergic receptor andras p21 changes in liver regeneration. Journal of Cellular Physiology, 1989, 140, 195-201.	2.0	42
98	Synergistic enhancement of EGF, but not HGF, stimulated hepatocyte motility by TGF-Î²1 in vitro. , 1997, 170, 57-68.		40
99	Genome-Wide Methylation Analysis of Prostate Tissues Reveals Global Methylation Patterns of Prostate Cancer. American Journal of Pathology, 2013, 182, 2028-2036.	1.9	40
100	Establishment of two rat hepatoma cell strains produced by a carcinogen initiation, phenobarbital promotion protocol. In Vitro, 1983, 19, 191-202.	1.2	39
101	Preexisting epithelial diversity in normal human livers: A tissue-tethered cytometric analysis in portal/periportal epithelial cells. Hepatology, 2013, 57, 1632-1643.	3.6	39
102	Cytosolic phospholipase A2Î± and peroxisome proliferator-activated receptor Î³ signaling pathway counteracts transforming growth factor Î²-mediated inhibition of primary and transformed hepatocyte growth. Hepatology, 2010, 52, 644-655.	3.6	38
103	Regulation of Liver Growth by Glypican 3, CD81, Hedgehog, and Hhex. American Journal of Pathology, 2013, 183, 153-159.	1.9	38
104	MyD88-dependent inflammasome activation and autophagy inhibition contributes to Ehrlichia-induced liver injury and toxic shock. PLoS Pathogens, 2017, 13, e1006644.	2.1	38
105	Acidic fibroblast growth factor (HBGF-1) stimulates DNA synthesis in primary rat hepatocyte cultures. Journal of Cellular Physiology, 1990, 143, 129-132.	2.0	37
106	Modifications of the hepatocyte growth factor/c-met pathway by constitutive expression of transforming growth factor-Î± in rat liver epithelial cells. Molecular Carcinogenesis, 1997, 18, 244-255.	1.3	37
107	Pharmacologic Inhibition of Epidermal Growth Factor Receptor Suppresses Nonalcoholic Fatty Liver Disease in a Murine Fastâ€Food Diet Model. Hepatology, 2019, 70, 1546-1563.	3.6	37
108	Screening for candidate hepatic growth factors by selective portal infusion after canine Eck's fistula. Hepatology, 1991, 14, 665-670.	3.6	37

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109	Phenobarbital regulates nuclear expression of HNF-4Î± in mouse and rat hepatocytes independent of CAR and PXR. Hepatology, 2006, 44, 186-194.	3.6	36
110	The Liver Is a Peculiar Organ When It Comes to Stem Cells. American Journal of Pathology, 2014, 184, 1263-1267.	1.9	36
111	Nrf2 deletion from adipocytes, but not hepatocytes, potentiates systemic metabolic dysfunction after long-term high-fat diet-induced obesity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E180-E195.	1.8	36
112	TCPOBOPâ€Induced Hepatomegaly and Hepatocyte Proliferation are Attenuated by Combined Disruption of MET and EGFR Signaling. Hepatology, 2019, 69, 1702-1718.	3.6	36
113	Integrin-linked kinase is involved in matrix-induced hepatocyte differentiation. Biochemical and Biophysical Research Communications, 2007, 353, 638-643.	1.0	35
114	Alphaâ€1 adrenergic receptor transactivates signal transducer and activator of transcriptionâ€3 (Stat3) through activation of Src and epidermal growth factor receptor (EGFR) in hepatocytes. Journal of Cellular Physiology, 2008, 216, 486-497.	2.0	34
115	Genome Abnormalities Precede Prostate Cancer and Predict Clinical Relapse. American Journal of Pathology, 2012, 180, 2240-2248.	1.9	33
116	Role of PINCH and Its Partner Tumor Suppressor Rsu-1 in Regulating Liver Size and Tumorigenesis. PLoS ONE, 2013, 8, e74625.	1.1	33
117	Growth and Differentiation of Rat Hepatocytes: Changes in Transcription Factors HNF-3, HNF-4, STAT-3, and STAT-5. Biochemical and Biophysical Research Communications, 1998, 250, 762-768.	1.0	32
118	Genes inducing iPS phenotype play a role in hepatocyte survival and proliferation in vitro and liver regeneration in vivo. Hepatology, 2011, 54, 1360-1370.	3.6	32
119	Effect of epidermal growth factor on the expression of protooncogenes c-myc and c-Ha-ras in short-term primary hepatocyte culture. Journal of Cellular Physiology, 1990, 144, 122-127.	2.0	30
120	Expression of hepatocyte epidermal growth factor receptor, FAS and glypican 3 in EpCAM-positive regenerative clusters of hepatocytes, cholangiocytes, and progenitor cells in human liver failure. Human Pathology, 2013, 44, 743-749.	1.1	29
121	The Regenerative Altruism of Hepatocytes and Cholangiocytes. Cell Stem Cell, 2018, 23, 11-12.	5.2	29
122	Role of epidermal growth factor receptor in liver injury and lipid metabolism: Emerging new roles for an old receptor. Chemico-Biological Interactions, 2020, 324, 109090.	1.7	29
123	Hepatocyte uptake of ?1-proteinase inhibitor-trypsin complexes in vitro: Evidence for a shared uptake mechanism for proteinase complexes of ?1-proteinase inhibitor and antithrombin III. Journal of Cellular Biochemistry, 1984, 25, 231-243.	1.2	28
124	Kidney proximal tubular cells isolated by collagenase perfusion grow in defined media in the absence of growth factors. Journal of Cellular Physiology, 1987, 131, 107-113.	2.0	28
125	STAT 1Î±/1Î², STAT 3 and STAT 5: Expression and Association with c-MET and EGF-Receptor in Long-Term Cultures of Human Hepatocytes. Biochemical and Biophysical Research Communications, 1999, 265, 376-381.	1.0	28
126	Possible involvement of p21/waf1 in the growth inhibition of HepG2 cells induced by hepatocyte growth factor. Journal of Cellular Physiology, 1998, 177, 130-136.	2.0	27

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127	Nrf2 prevents Notch-induced insulin resistance and tumorigenesis in mice. JCI Insight, 2018, 3, .	2.3	27
128	Expression of hepatocytic- and biliary-specific transcription factors in regenerating bile ducts during hepatocyte-to-biliary epithelial cell transdifferentiation. Comparative Hepatology, 2010, 9, 9.	0.9	26
129	Interaction of Integrin-Linked Kinase and Miniature Chromosome Maintenance 7â€“Mediating Integrin Î±7 Induced Cell Growth Suppression. Cancer Research, 2010, 70, 4375-4384.	0.4	26
130	Excessive hepatomegaly of mice with hepatocyte-targeted elimination of integrin linked kinase following treatment with 1,4-bis [2-(3,5-dichaloropyridyloxy)] benzene. Hepatology, 2011, 53, 587-595.	3.6	25
131	Antagonistic Effects of Dexamethasone and Retinoic Acid on Rat Lung Morphogenesis. Pediatric Research, 1998, 43, 315-324.	1.1	25
132	Development of a Chemically Defined Medium and Discovery of New Mitogenic Growth Factors for Mouse Hepatocytes: Mitogenic Effects of FGF1/2 and PDGF. PLoS ONE, 2014, 9, e95487.	1.1	25
133	The Degree of Segmental Aneuploidy Measured by Total Copy Number Abnormalities Predicts Survival and Recurrence in Superficial Gastroesophageal Adenocarcinoma. PLoS ONE, 2014, 9, e79079.	1.1	24
134	Effect of hydrocortisone and nicotinamide on gamma glutamyltransferase in primary cultures of rat hepatocytes. In Vitro, 1982, 18, 775-782.	1.2	23
135	Hepatocyte proliferation and hepatomegaly induced by phenobarbital and 1,4-bis [2-(3,5-dichloropyridyloxy)] benzene is suppressed in hepatocyte-targeted glypican 3 transgenic mice. Hepatology, 2011, 54, 620-630.	3.6	23
136	Leukocyteâ€Specific Protein 1: A Novel Regulator of Hepatocellular Proliferation and Migration Deleted in Human Hepatocellular Carcinoma. Hepatology, 2015, 61, 537-547.	3.6	23
137	Integrin Alpha 7 Interacts with High Temperature Requirement A2 (HtrA2) to Induce Prostate Cancer Cell Death. American Journal of Pathology, 2010, 177, 1176-1186.	1.9	22
138	Effects of hepatocellular mitogens on cytokine-induced nitric oxide synthesis in human hepatocytes. Journal of Leukocyte Biology, 1996, 60, 382-388.	1.5	21
139	Hepatocyte growth factor (hepatopoietin A) rapidly increases in plasma before DNA synthesis and liver regeneration stimulated by partial hepatectomy and carbon tetrachloride administration. Hepatology, 1991, 13, 743-750.	3.6	21
140	Liver-Specific Ablation of Integrin-Linked Kinase in Mice Results in Enhanced and Prolonged Cell Proliferation and Hepatomegaly after Phenobarbital Administration. Toxicological Sciences, 2010, 113, 358-366.	1.4	20
141	Combined Systemic Disruption of MET and Epidermal Growth Factor Receptor Signaling Causes Liver Failure in Normal Mice. American Journal of Pathology, 2018, 188, 2223-2235.	1.9	20
142	Detection of fusion transcripts in the serum samples of patients with hepatocellular carcinoma. Oncotarget, 2019, 10, 3352-3360.	0.8	20
143	Sister chromatid exchange studies in human fibroblastâ€”rat hepatocyte co-cultures: A new in vitro system to study sces. Environmental Mutagenesis, 1980, 2, 157-165.	1.4	18
144	Hepatocyte receptors for antithrombin III-proteinase complexes. Journal of Cellular Biochemistry, 1984, 24, 197-206.	1.2	18

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145	Proliferating Cell Nuclear Antigen in Human Placenta and Trophoblastic Disease. Pediatric Pathology, 1992, 12, 147-154.	0.5	18
146	Hepatitis C Virus Mimics Effects of Glypican-3 on CD81 and Promotes Development of Hepatocellular Carcinomas via Activation of Hippo Pathway in Hepatocytes. American Journal of Pathology, 2018, 188, 1469-1477.	1.9	18
147	Three-dimensional culture of hepatocytes in a continuously flowing medium. In Vitro Cellular and Developmental Biology - Animal, 1998, 34, 482-485.	0.7	17
148	Compensatory hepatic adaptation accompanies permanent absence of intrahepatic biliary network due to YAP1 loss in liver progenitors. Cell Reports, 2021, 36, 109310.	2.9	17
149	Phenobarbital Enhances the Aldehyde Dehydrogenase Activity of Rat Hepatocytes in Vitro and in Vivo. Acta Pharmacologica Et Toxicologica, 1986, 59, 403-409.	0.0	16
150	Investigating Multi-cancer Biomarkers and Their Cross-predictability in the Expression Profiles of Multiple Cancer Types. Biomarker Insights, 2009, 4, BMI.S930.	1.0	16
151	Bid agonist regulates murine hepatocyte proliferation by controlling endoplasmic reticulum calcium homeostasis. Hepatology, 2010, 52, 338-348.	3.6	15
152	The DNA Replication Licensing Factor Miniature Chromosome Maintenance 7 Is Essential for RNA Splicing of Epidermal Growth Factor Receptor, c-Met, and Platelet-derived Growth Factor Receptor. Journal of Biological Chemistry, 2015, 290, 1404-1411.	1.6	15
153	Collagenase pretreatment and the mitogenic effects of hepatocyte growth factor and transforming growth factor-Î± in adult rat liver. Hepatology, 1994, 19, 1521-1527.	3.6	15
154	Differential modulation of hepatocyte growth factor-stimulated motility by transforming growth factor Î²1 on rat liver epithelial cells in vitro. , 1998, 175, 30-40.		14
155	Gliotoxinâ€induced changes in rat liver regeneration after partial hepatectomy. Liver International, 2013, 33, 1044-1055.	1.9	14
156	Phosphorylated Ezrin (Thr567) Regulates Hippo Pathway and Yes-Associated Protein (Yap) in Liver. American Journal of Pathology, 2020, 190, 1427-1437.	1.9	14
157	Novel insights into liver homeostasis and regeneration. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 369-370.	8.2	14
158	Interaction of MCM7 and RACK1 for Activation of MCM7 and Cell Growth. American Journal of Pathology, 2013, 182, 796-805.	1.9	13
159	Yesâ€Associated Protein Is Crucial for Constitutive Androstane Receptorâ€Driven Hepatocyte Proliferation But Not for Induction of Drug Metabolism Genes in Mice. Hepatology, 2021, 73, 2005-2022.	3.6	13
160	Partial Bile Duct Ligation in the Mouse: A Controlled Model of Localized Obstructive Cholestasis. Journal of Visualized Experiments, 2018, , .	0.2	12
161	Cellular Location of HNF4Î± is Linked With Terminal Liver Failure in Humans. Hepatology Communications, 2020, 4, 859-875.	2.0	12
162	A Noncanonical Role for Plasminogen Activator Inhibitor Type 1 in Obesity-Induced Diabetes. American Journal of Pathology, 2019, 189, 1413-1422.	1.9	11

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163	Phenotypic fidelity (or not?) of epithelial cells in the liver. Hepatology, 2012, 55, 2024-2027.	3.6	10
164	Liver-Specific Deletion of Integrin-Linked Kinase in Mice Attenuates Hepatotoxicity and Improves Liver Regeneration After Acetaminophen Overdose. Gene Expression, 2016, 17, 35-45.	0.5	10
165	Detection of fusion transcripts in the serum samples of patients with hepatocellular carcinoma. Oncotarget, 2019, 10, 3352-3360.	0.8	10
166	Effect of Growth Factors and Defined Medium on Primary Hepatocyte Culture on Polyester Carriers with Varying Surface Treatment. Tissue Engineering, 1997, 3, 289-301.	4.9	9
167	Oct4 Is Crucial for Transdifferentiation of Hepatocytes to Biliary Epithelial Cells in an In Vitro Organoid Culture Model. Gene Expression, 2018, 18, 51-62.	0.5	9
168	Human biliary epithelial cells secrete and respond to cytokines and hepatocyte growth factors in vitro: Interleukin-6, hepatocyte growth factor and epidermal growth factor promote DNA synthesis in vitro. Hepatology, 1994, 20, 376-382.	3.6	9
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