Isabel Fabregat

List of Publications by Year
in descending order

148 papers	8,832 citations	36203 51 h-index	46693 89 g-index
149 all docs	149 docs citations	149 times ranked	11971 citing authors

#	Article	IF	Citations
1	Snail blocks the cell cycle and confers resistance to cell death. Genes and Development, 2004, 18, 1131-1143.	2.7	738
2	<scp>TGF</scp>â€Î² signalling and liver disease. FEBS Journal, 2016, 283, 2219-2232.	2.2	457
3	Reactive oxygen species (ROS) mediates the mitochondrialâ€dependent apoptosis induced by transforming growth factor ÃŸ in fetal hepatocytes. FASEB Journal, 2001, 15, 741-751.	0.2	288
4	Apoptosis Induced by Transforming Growth Factor-Î² in Fetal Hepatocyte Primary Cultures. Journal of Biological Chemistry, 1996, 271, 7416-7422.	1.6	248
5	Transforming Growth Factor-Î²-Induced Cell Plasticity in Liver Fibrosis and Hepatocarcinogenesis. Frontiers in Oncology, 2018, 8, 357.	1.3	243
6	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	3.9	242
7	Dysregulation of apoptosis in hepatocellular carcinoma cells. World Journal of Gastroenterology, 2009, 15, 513.	1.4	241
8	TGF-Î² and the Tissue Microenvironment: Relevance in Fibrosis and Cancer. International Journal of Molecular Sciences, 2018, 19, 1294.	1.8	231
9	Survival and apoptosis: a dysregulated balance in liver cancer. Liver International, 2007, 27, 155-162.	1.9	197
10	Upregulation of the NADPH oxidase NOX4 by TGF-beta in hepatocytes is required for its pro-apoptotic activity. Journal of Hepatology, 2008, 49, 965-976.	1.8	197
11	The epithelial mesenchymal transition confers resistance to the apoptotic effects of transforming growth factor Beta in fetal rat hepatocytes. Molecular Cancer Research, 2002, 1, 68-78.	1.5	172
12	TGF-beta Signaling in Cancer Treatment. Current Pharmaceutical Design, 2014, 20, 2934-2947.	0.9	155
13	Molecular Mechanisms of Insulin Resistance in IRS-2-Deficient Hepatocytes. Diabetes, 2003, 52, 2239-2248.	0.3	136
14	Involvement of EGF receptor and c-Src in the survival signals induced by TGF-Î²1 in hepatocytes. Oncogene, 2005, 24, 4580-4587.	2.6	135
15	Snail1 suppresses TGF-Î²-induced apoptosis and is sufficient to trigger EMT in hepatocytes. Journal of Cell Science, 2010, 123, 3467-3477.	1.2	134
16	NADPH Oxidase NOX4 Mediates Stellate Cell Activation and Hepatocyte Cell Death during Liver Fibrosis Development. PLoS ONE, 2012, 7, e45285.	1.1	134
17	Source of early reactive oxygen species in the apoptosis induced by transforming growth factor-Î² in fetal rat hepatocytes. Free Radical Biology and Medicine, 2004, 36, 16-26.	1.3	127
18	Role of NADPH oxidases in the redox biology of liver fibrosis. Redox Biology, 2015, 6, 106-111.	3.9	127

#	Article	IF	Citations
19	Hematopoietic mobilization in mice increases the presence of bone marrow-derived hepatocytes viain vivocell fusion. Hepatology, 2006, 43, 108-116.	3.6	120
20	Vascular Smooth Muscle Cell Phenotypic Changes in Patients With Marfan Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 960-972.	1.1	116
21	Overactivation of the TGF-Î² pathway confers a mesenchymal-like phenotype and CXCR4-dependent migratory properties to liver tumor cells. Hepatology, 2013, 58, 2032-2044.	3.6	113
22	Activation of caspases occurs downstream from radical oxygen species production, Bcl-xL down-regulation, and early cytochrome C release in apoptosis induced by transforming growth factor Î² in rat fetal hepatocytes. Hepatology, 2001, 34, 548-556.	3.6	110
23	New Insights into the Crossroads between EMT and Stemness in the Context of Cancer. Journal of Clinical Medicine, 2016, 5, 37.	1.0	110
24	A mesenchymalâ€like phenotype and expression of CD44 predict lack of apoptotic response to sorafenib in liver tumor cells. International Journal of Cancer, 2015, 136, E161-72.	2.3	108
25	Overactivation of the MEK/ERK Pathway in Liver Tumor Cells Confers Resistance to TGF-Î²â€"Induced Cell Death through Impairing Up-regulation of the NADPH Oxidase NOX4. Cancer Research, 2009, 69, 7595-7602.	0.4	106
26	Activation of NADPH oxidase by transforming growth factor-Î² in hepatocytes mediates up-regulation of epidermal growth factor receptor ligands through a nuclear factor-ÎºB-dependent mechanism. Biochemical Journal, 2007, 405, 251-259.	1.7	97
27	The transforming growth factorâ€beta (TGFâ€Î²) mediates acquisition of a mesenchymal stem cellâ€like phenotype in human liver cells. Journal of Cellular Physiology, 2011, 226, 1214-1223.	2.0	92
28	Efficient execution of cell death in non-glycolytic cells requires the generation of ROS controlled by the activity of mitochondrial H + -ATP synthase. Carcinogenesis, 2006, 27, 925-935.	1.3	91
29	Differential Inhibition of the TGF-Î² Signaling Pathway in HCC Cells Using the Small Molecule Inhibitor LY2157299 and the D10 Monoclonal Antibody against TGF-Î² Receptor Type II. PLoS ONE, 2013, 8, e67109.	1.1	86
30	c-Myc regulates cell size and ploidy but is not essential for postnatal proliferation in liver. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7286-7291.	3.3	85
31	Differential intracellular signalling induced by TGF-Î² in rat adult hepatocytes and hepatoma cells: Implications in liver carcinogenesis. Cellular Signalling, 2007, 19, 683-694.	1.7	84
32	The NADPH oxidase NOX4 inhibits hepatocyte proliferation and liver cancer progression. Free Radical Biology and Medicine, 2014, 69, 338-347.	1.3	78
33	Epidermal Growth Factor Impairs the Cytochrome C/Caspase-3 Apoptotic Pathway Induced by Transforming Growth FactorÎ² in Rat Fetal Hepatocytes Via a Phosphoinositide 3-Kinaseâ€"Dependent Pathway. Hepatology, 2000, 32, 528-535.	3.6	76
34	The inhibition of the epidermal growth factor (EGF) pathway enhances TGF-Î²-induced apoptosis in rat hepatoma cells through inducing oxidative stress coincident with a change in the expression pattern of the NADPH oxidases (NOX) isoforms. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 253-263.	1.9	76
35	EGF blocks NADPH oxidase activation by TGF-Î² in fetal rat hepatocytes, impairing oxidative stress, and cell death. Journal of Cellular Physiology, 2006, 207, 322-330.	2.0	70
36	Transforming growth factor-Î²-induced plasticity causes a migratory stemness phenotype in hepatocellular carcinoma. Cancer Letters, 2017, 392, 39-50.	3.2	69

#	Article	IF	Citations
37	Epidermal growth factor, but not hepatocyte growth factor, suppresses the apoptosis induced by transforming growth factor-beta in fetal hepatocytes in primary culture. FEBS Letters, 1996, 384, 14-18.	1.3	68
38	Role of CXCR4/SDF-1Î± in the migratory phenotype of hepatoma cells that have undergone epithelialâ€“mesenchymal transition in response to the transforming growth factor-Î². Cellular Signalling, 2009, 21, 1595-1606.	1.7	68
39	BMP9 Is a Proliferative and Survival Factor for Human Hepatocellular Carcinoma Cells. PLoS ONE, 2013, 8, e69535.	1.1	67
40	Sorafenib sensitizes hepatocellular carcinoma cells to physiological apoptotic stimuli. Journal of Cellular Physiology, 2012, 227, 1319-1325.	2.0	66
41	Autocrine production of TGF-Î²Âconfers resistance to apoptosis after an epithelialâ€“mesenchymal transition process in hepatocytes: Role of EGF receptor ligands. Experimental Cell Research, 2006, 312, 2860-2871.	1.2	65
42	NADPH Oxidase NOX1 Controls Autocrine Growth of Liver Tumor Cells through Up-regulation of the Epidermal Growth Factor Receptor Pathway. Journal of Biological Chemistry, 2010, 285, 24815-24824.	1.6	65
43	Differential proliferative response of cultured fetal and regenerating hepatocytes to growth factors and hormones. Experimental Cell Research, 1992, 202, 495-500.	1.2	64
44	Transforming growth factor ? modulates growth and differentiation of fetal hepatocytes in primary culture. Journal of Cellular Physiology, 1995, 165, 398-405.	2.0	62
45	Transforming growth factor-beta activates both pro-apoptotic and survival signals in fetal rat hepatocytes. Experimental Cell Research, 2004, 292, 209-218.	1.2	61
46	The rationale for targeting <scp>TGF</scp>â€Î² in chronic liver diseases. European Journal of Clinical Investigation, 2016, 46, 349-361.	1.7	60
47	TGF-beta dependent regulation of oxygen radicals during transdifferentiation of activated hepatic stellate cells to myofibroblastoid cells. Comparative Hepatology, 2007, 6, 1.	0.9	57
48	The NADPH oxidase NOX4 represses epithelial to amoeboid transition and efficient tumour dissemination. Oncogene, 2017, 36, 3002-3014.	2.6	57
49	Redox stress in Marfan syndrome: Dissecting the role of the NADPH oxidase NOX4 in aortic aneurysm. Free Radical Biology and Medicine, 2018, 118, 44-58.	1.3	57
50	The pentose phosphate cycle is regulated by NADPHNADP ratio in rat liver. Archives of Biochemistry and Biophysics, 1985, 236, 110-118.	1.4	55
51	IRS-2 mediates the antiapoptotic effect of insulin in neonatal hepatocytes. Hepatology, 2004, 40, 1285-1294.	3.6	55
52	Role of the Transforming Growth Factor-Î² in regulating hepatocellular carcinoma oxidative metabolism. Scientific Reports, 2017, 7, 12486.	1.6	54
53	Fibronectin regulates morphology, cell organization and gene expression of rat fetal hepatocytes in primary culture. Journal of Hepatology, 2000, 32, 242-250.	1.8	52
54	TGF-Î²1 and TGF-Î²2 abundance in liver diseases of mice and men. Oncotarget, 2016, 7, 19499-19518.	0.8	52

#	Article	IF	Citations
55	Dissecting the effect of targeting the epidermal growth factor receptor on TGF-Î²-induced-apoptosis in human hepatocellular carcinoma cells. Journal of Hepatology, 2011, 55, 351-358.	1.8	48
56	Short-term control of the pentose phosphate cycle by insulin could be modulated by the NADPHNADP ratio in rat adipocytes and hepatocytes. Biochemical and Biophysical Research Communications, 1987, 146, 920-925.	1.0	47
57	Growth stimulation of rat fetal hepatocytes in response to hepatocyte growth factor: modulation of c-myc and c-fos expression. Biochemical and Biophysical Research Communications, 1992, 189, 684-690.	1.0	47
58	Dissecting the role of epidermal growth factor receptor catalytic activity during liver regeneration and hepatocarcinogenesis. Hepatology, 2016, 63, 604-619.	3.6	47
59	Effects of growth and differentiation factors on the epithelial-mesenchymal transition in cultured neonatal rat hepatocytes. Journal of Hepatology, 1999, 31, 895-904.	1.8	45
60	Vitamin E blocks early events induced by 1-methyl-4-phenylpyridinium (MPP+) in cerebellar granule cells. Journal of Neurochemistry, 2003, 84, 305-315.	2.1	44
61	Reciprocal regulation of NADPH oxidases and the cyclooxygenase-2 pathway. Free Radical Biology and Medicine, 2011, 51, 1789-1798.	1.3	44
62	The NADPH oxidase inhibitor VAS2870 impairs cell growth and enhances TGF-Î²-induced apoptosis of liver tumor cells. Biochemical Pharmacology, 2011, 81, 917-924.	2.0	44
63	Regulation of albumin expression in fetal rat hepatocytes cultured under proliferative conditions: Role of epidermal growth factor and hormones. Journal of Cellular Physiology, 1992, 152, 95-101.	2.0	38
64	Activation of p38MAPK by TGF-Î² in fetal rat hepatocytes requires radical oxygen production, but is dispensable for cell death. FEBS Letters, 2001, 499, 225-229.	1.3	38
65	Liver cell proliferation requires methionine adenosyltransferase 2A mRNA up-regulation. Hepatology, 2002, 35, 1381-1391.	3.6	38
66	Inhibition of the EGF receptor blocks autocrine growth and increases the cytotoxic effects of doxorubicin in rat hepatoma cells. Biochemical Pharmacology, 2008, 75, 1935-1945.	2.0	38
67	The TGF-Î² Pathway: A Pharmacological Target in Hepatocellular Carcinoma?. Cancers, 2021, 13, 3248.	1.7	37
68	Growth factor- and cytokine-driven pathways governing liver stemness and differentiation. World Journal of Gastroenterology, 2010, 16, 5148.	1.4	37
69	TGF-Î² in Hepatic Stellate Cell Activation and Liver Fibrogenesis: Updated. Current Pathobiology Reports, 2015, 3, 291-305.	1.6	36
70	A Trifluorinated Thiazoline Scaffold Leading to Proâ€apoptotic Agents Targeting Prohibitins. Angewandte Chemie - International Edition, 2014, 53, 10150-10154.	7.2	35
71	Epithelialâ€"Mesenchymal Transition (EMT) Induced by TGF-Î² in Hepatocellular Carcinoma Cells Reprograms Lipid Metabolism. International Journal of Molecular Sciences, 2021, 22, 5543.	1.8	35
72	Snail mediates crosstalk between TGFÎ² and LXRÎ± in hepatocellular carcinoma. Cell Death and Differentiation, 2018, 25, 885-903.	5.0	34

#	Article	IF	Citations
73	Role of the tissue microenvironment as a therapeutic target in hepatocellular carcinoma. World Journal of Gastroenterology, 2014, 20, 4128.	1.4	34
74	[D-Arg1, D-Phe5,D-Trp7,9,Leu11] substance P, a neuropeptide antagonist, blocks binding, Ca2+-mobilizing, and mitogenic effects of endothelin and vasoactive intestinal contractor in mouse 3T3 cells. Journal of Cellular Physiology, 1990, 145, 88-94.	2.0	31
75	Galunisertib suppresses the staminal phenotype in hepatocellular carcinoma by modulating CD44 expression. Cell Death and Disease, 2018, 9, 373.	2.7	31
76	Cross-Talk Between TGF-Î² and NADPH Oxidases During Liver Fibrosis and Hepatocarcinogenesis. Current Pharmaceutical Design, 2015, 21, 5964-5976.	0.9	31
77	Rates of lipogenesis in fetal hepatocytes in suspension and in primary culture: hormonal effects. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1012, 320-324.	1.9	30
78	Solubilization of the bombesin receptor from Swiss 3T3 cell membranes. FEBS Letters, 1990, 263, 80-84.	1.3	30
79	Deletion of the Met Tyrosine Kinase in Liver Progenitor Oval Cells Increases Sensitivity to Apoptosis in Vitro. American Journal of Pathology, 2008, 172, 1238-1247.	1.9	30
80	Clathrin switches transforming growth factor-Î² role to pro-tumorigenic in liver cancer. Journal of Hepatology, 2020, 72, 125-134.	1.8	30
81	cIAP-1, but not XIAP, is cleaved by caspases during the apoptosis induced by TGF-Î² in fetal rat hepatocytes. FEBS Letters, 2002, 520, 93-96.	1.3	29
82	Vasoactive intestinal contractor, a novel peptide, shares a common receptor with endothelin-1 and stimulates Ca2+ mobilization and DNA synthesis in Swiss 3T3 cells. Biochemical and Biophysical Research Communications, 1990, 167, 161-167.	1.0	28
83	Mouse Hepatic Oval Cells Require Met-Dependent PI3K to Impair TGF-Î²-Induced Oxidative Stress and Apoptosis. PLoS ONE, 2013, 8, e53108.	1.1	26
84	Hybrid polymeric-protein nano-carriers (HPPNC) for targeted delivery of TGFÎ² inhibitors to hepatocellular carcinoma cells. Journal of Materials Science: Materials in Medicine, 2017, 28, 120.	1.7	26
85	Resminostat induces changes in epithelial plasticity of hepatocellular carcinoma cells and sensitizes them to sorafenib-induced apoptosis. Oncotarget, 2017, 8, 110367-110379.	0.8	26
86	Bone morphogenetic protein 9 as a key regulator of liver progenitor cells in <scp>DDC</scp>â€induced cholestatic liver injury. Liver International, 2018, 38, 1664-1675.	1.9	26
87	Protein-tyrosine Phosphatase 1B (PTP1B) Deficiency Confers Resistance to Transforming Growth Factor-Î² (TGF-Î²)-induced Suppressor Effects in Hepatocytes. Journal of Biological Chemistry, 2012, 287, 15263-15274.	1.6	25
88	The level of caveolin-1 expression determines response to TGF-Î² as a tumour suppressor in hepatocellular carcinoma cells. Cell Death and Disease, 2017, 8, e3098-e3098.	2.7	25
89	Downregulation of Epidermal Growth Factor Receptor in hepatocellular carcinoma facilitates Transforming Growth Factor-Î²-induced epithelial to amoeboid transition. Cancer Letters, 2019, 464, 15-24.	3.2	25
90	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. Hepatology, 2022, 75, 550-566.	3.6	25

#	Article	IF	Citations
91	Glucocorticoid receptor down-Regulates c-jun amino terminal kinases induced by tumor necrosis factor ? in fetal rat hepatocyte primary cultures. Hepatology, 1999, 29, 849-857.	3.6	24
92	Resistance to TGF-Î²-induced apoptosis in regenerating hepatocytes. Journal of Cellular Physiology, 2004, 201, 385-392.	2.0	23
93	Transforming Growth Factor-Î² (TGF-Î²) and EGF Promote Cord-like Structures That Indicate Terminal Differentiation of Fetal Hepatocytes in Primary Culture. Experimental Cell Research, 1998, 242, 27-37.	1.2	22
94	BMP9-Induced Survival Effect in Liver Tumor Cells Requires p38MAPK Activation. International Journal of Molecular Sciences, 2015, 16, 20431-20448.	1.8	22
95	Isolation and characterization of a putative liver progenitor population after treatment of fetal rat hepatocytes with TGFâ€Beta. Journal of Cellular Physiology, 2008, 215, 846-855.	2.0	21
96	Caveolinâ€1â€dependent activation of the metalloprotease <scp>TACE</scp>/<scp>ADAM</scp>17 by <scp>TGF</scp>â€Î² in hepatocytes requires activation of Src and the <scp>NADPH</scp> oxidase <scp>NOX</scp>1. FEBS Journal, 2016, 283, 1300-1310.	2.2	21
97	Long-Term Treatment with Insulin Induces Apoptosis in Brown Adipocytes: Role of Oxidative Stress. Endocrinology, 2003, 144, 5390-5401.	1.4	19
98	c-Met Signaling Is Essential for Mouse Adult Liver Progenitor Cells Expansion After Transforming Growth Factor-Î²-Induced Epithelialâ€"Mesenchymal Transition and Regulates Cell Phenotypic Switch. Stem Cells, 2019, 37, 1108-1118.	1.4	19
99	Mechanisms regulating cell membrane localization of the chemokine receptor CXCR4 in human hepatocarcinoma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1205-1218.	1.9	18
100	The role of NADPH in the regulation of glucose-6-phosphate and 6-phosphogluconate dehydrogenases in rat adipose tissue. Molecular and Cellular Biochemistry, 1991, 105, 1-5.	1.4	17
101	BMPS and Liver: More Questions than Answers. Current Pharmaceutical Design, 2012, 18, 4114-4125.	0.9	17
102	Altered TGF-Î² endocytic trafficking contributes to the increased signaling in Marfan syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 554-562.	1.8	16
103	The NADPH consumption regulates the NADPH-producing pathways (pentose phosphate cycle and malic) Tj ETQq1 1 0.784314 rgBT /	1.4	15
104	Hormonal regulation of malic enzyme expression in primary cultures of foetal brown adipocytes. Biochemical and Biophysical Research Communications, 1989, 163, 341-347.	1.0	15
105	EGFR is dispensable for c-Met-mediated proliferation and survival activities in mouse adult liver oval cells. Cellular Signalling, 2012, 24, 505-513.	1.7	15
106	Revisiting the liver: from development to regeneration - what we ought to know!. International Journal of Developmental Biology, 2018, 62, 441-451.	0.3	14
107	The TGF-Î²/NADPH Oxidases Axis in the Regulation of Liver Cell Biology in Health and Disease. Cells, 2021, 10, 2312.	1.8	14
108	Precocious induction of malic enzyme by nutritional and hormonal factors in rat foetal hepatocyte primary cultures. Biochemical and Biophysical Research Communications, 1989, 161, 1028-1034.	1.0	13

#	Article	IF	Citations
109	Short-chain ceramide regulates hepatic methionine adenosyltransferase expression. Journal of Hepatology, 2001, 34, 192-201.	1.8	13
110	Functional pleiotropy of an intramolecular triplex-forming fragment from the 3â€²-UTR of the ratPigrgene. Physiological Genomics, 2001, 5, 53-65.	1.0	13
111	The tyrphostin AG1478 inhibits proliferation and induces death of liver tumor cells through EGF receptor-dependent and independent mechanisms. Biochemical Pharmacology, 2011, 82, 1583-1592.	2.0	13
112	Cell Fusion Reprogramming Leads to a Specific Hepatic Expression Pattern during Mouse Bone Marrow Derived Hepatocyte Formation In Vivo. PLoS ONE, 2012, 7, e33945.	1.1	13
113	Apoptosis in liver carcinogenesis and chemotherapy. Hepatic Oncology, 2015, 2, 381-397.	4.2	13
114	Encapsulating TGF-Î²1 Inhibitory Peptides P17 and P144 as a Promising Strategy to Facilitate Their Dissolution and to Improve Their Functionalization. Pharmaceutics, 2020, 12, 421.	2.0	13
115	NADPH oxidase 4 (Nox4) deletion accelerates liver regeneration in mice. Redox Biology, 2021, 40, 101841.	3.9	13
116	Anti-TGFÎ² (Transforming Growth Factor Î²) Therapy With Betaglycan-Derived P144 Peptide Gene Delivery Prevents the Formation of Aortic Aneurysm in a Mouse Model of Marfan Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e440-e452.	1.1	12
117	Regulation of gene expression by interleukin-6 in fetal rat hepatocyte primary cultures: Role of epidermal growth factor and dexamethasone. Hepatology, 1995, 22, 1769-1775.	3.6	11
118	Proteoglycans in Cancer: Friends or Enemies? A Special Focus on Hepatocellular Carcinoma. Cancers, 2022, 14, 1902.	1.7	11
119	Phorbol esters down-regulate alpha-fetoprotein gene expression without affecting growth in fetal hepatocytes in primary culture. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1402, 151-164.	1.9	10
120	Apoptotic action of E2F1 requires glycogen synthase kinase 3-Î² activity in PC12 cells. Journal of Neurochemistry, 2007, 102, 2020-2028.	2.1	10
121	A Signaling Crosstalk between BMP9 and HGF/c-Met Regulates Mouse Adult Liver Progenitor Cell Survival. Cells, 2020, 9, 752.	1.8	10
122	Anti-miR-518d-5p overcomes liver tumor cell death resistance through mitochondrial activity. Cell Death and Disease, 2021, 12, 555.	2.7	10
123	2-[18F]FDG PET/CT as a Predictor of Microvascular Invasion and High Histological Grade in Patients with Hepatocellular Carcinoma. Cancers, 2021, 13, 2554.	1.7	10
124	ROS Production Is Essential for the Apoptotic Function of E2F1 in Pheochromocytoma and Neuroblastoma Cell Lines. PLoS ONE, 2012, 7, e51544.	1.1	10
125	Interaction with protein SH groups could be involved in adriamycin cardiotoxicity. Biochemical Medicine, 1984, 32, 289-295.	0.5	9
126	Possible involvement of NADPH requirement in regulation of Glucose-6-Phosphate and 6-Phosphogluconate dehydrogenase levels in rat liver. Molecular and Cellular Biochemistry, 1990, 95, 107-15.	1.4	8

#	Article	IF	Citations
127	Genetically modified animal models recapitulating molecular events altered in human hepatocarcinogenesis. Clinical and Translational Oncology, 2009, 11, 208-214.	1.2	7
128	Direct and Indirect Effect of TGFÎ² on Treg Transendothelial Recruitment in HCC Tissue Microenvironment. International Journal of Molecular Sciences, 2021, 22, 11765.	1.8	7
129	Calcium Regulates HCC Proliferation as well as EGFR Recycling/Degradation and Could Be a New Therapeutic Target in HCC. Cancers, 2019, 11, 1588.	1.7	6
130	PolÎ¼ Deficiency Increases Resistance to Oxidative Damage and Delays Liver Aging. PLoS ONE, 2014, 9, e93074.	1.1	6
131	Citrate synthase of Tetrahymena pyriformis: Evolutionary and regulatory aspects. Archives of Biochemistry and Biophysics, 1983, 220, 354-360.	1.4	5
132	Noradrenergic modulation of albumin expression in growth-stimulated adult rat hepatocytes in primary culture. Journal of Cellular Physiology, 1994, 158, 513-517.	2.0	5
133	Syndecan-2 expression increases serum-withdrawal-induced apoptosis, mediated by re-distribution of Fas into lipid rafts, in stably transfected Swiss 3T3 cells. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 2065-2075.	2.2	5
134	Lack of amino acids in mouse hepatocytes in culture induces the selection of preneoplastic cells. Cellular Signalling, 2012, 24, 325-332.	1.7	5
135	Exploring liver physiology, pathology, TGF-Î², EMT, stemness and new developments in liver cancer. Hepatic Oncology, 2017, 4, 9-13.	4.2	5
136	Case Report: An EGFR-Targeted 4-1BB-agonistic Trimerbody Does Not Induce Hepatotoxicity in Transgenic Mice With Liver Expression of Human EGFR. Frontiers in Immunology, 2020, 11, 614363.	2.2	5
137	Inhibition of fatty acid biosynthesis by bezafibrate in different rat cells. Biochemical Pharmacology, 1989, 38, 2505-2510.	2.0	4
138	Paradoxical role of the NADPH oxidase NOX4 in early preneoplastic stages of hepatocytes induced by amino acid deprivation. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 714-722.	1.1	4
139	The Tumor Microenvironment Drives Intrahepatic Cholangiocarcinoma Progression. International Journal of Molecular Sciences, 2022, 23, 4187.	1.8	4
140	The TGF-Î² pathway: a pharmacological target in hepatocellular carcinoma?. Hepatic Oncology, 2017, 4, 35-38.	4.2	2
141	Editorial Special Issue TGF-Beta/BMP Signaling Pathway. Cells, 2020, 9, 2363.	1.8	2
142	NADPH/NADP ratio could regulate the glyoxylate cycle in Tetrahymena pyriformis. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1987, 88, 851-854.	0.2	1
143	Fetal rat brown adipocyte primary cultures: characterization of a system for lipid synthesis studies. Biochemical Society Transactions, 1988, 16, 274-275.	1.6	1
144	Induction of malic enzyme genetic expression in rat foetal hepatocyte primary cultures. Biochemical Society Transactions, 1989, 17, 172-173.	1.6	1

#	Article	IF	Citations
145	The Transforming Growth Factor-Beta (TGF-Î²) in Liver Fibrosis. , 2013, , 255-277.		1
146	Lack of aminoacids in mouse hepatocytes in culture induces the selection of preneoplastic cells. BMC Proceedings, 2012, 6, .	1.8	0
147	Relevance of epidermal growth factor receptor kinase activity in a model of cholestatic liver injury. Journal of Hepatology, 2020, 73, S202.	1.8	0
148	Increased Generation of Hepatocytes Expressing Bone Marrow-Derived Markers after Hematopoietic Progenitorsâ€™ Mobilization in a Murine Model of Hepatic Damage.. Blood, 2004, 104, 3600-3600.	0.6	0