

Blanca Herrera

List of Publications by Year in descending order

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36
papers

2,301
citations

236925

25
h-index

345221

36
g-index

36
all docs

36
docs citations

36
times ranked

3451
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species (ROS) mediates the mitochondrial-dependent apoptosis induced by transforming growth factor β in fetal hepatocytes. <i>FASEB Journal</i> , 2001, 15, 741-751.	0.5	288
2	The epithelial mesenchymal transition confers resistance to the apoptotic effects of transforming growth factor Beta in fetal rat hepatocytes. <i>Molecular Cancer Research</i> , 2002, 1, 68-78.	3.4	172
3	TNF α drives pulmonary arterial hypertension by suppressing the BMP type-II receptor and altering NOTCH signalling. <i>Nature Communications</i> , 2017, 8, 14079.	12.8	162
4	Source of early reactive oxygen species in the apoptosis induced by transforming growth factor- β in fetal rat hepatocytes. <i>Free Radical Biology and Medicine</i> , 2004, 36, 16-26.	2.9	127
5	A rapid and sensitive bioassay for the simultaneous measurement of multiple bone morphogenetic proteins. Identification and quantification of BMP4, BMP6 and BMP9 in bovine and human serum. <i>BMC Cell Biology</i> , 2009, 10, 20.	3.0	124
6	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 β in rat fetal hepatocytes. <i>Hepatology</i> , 2001, 34, 548-556.	7.3	110
7	Autocrine Bone Morphogenetic Protein-9 Signals through Activin Receptor-like Kinase-2/Smad1/Smad4 to Promote Ovarian Cancer Cell Proliferation. <i>Cancer Research</i> , 2009, 69, 9254-9262.	0.9	110
8	BMP-9 interferes with liver regeneration and promotes liver fibrosis. <i>Gut</i> , 2017, 66, 939-954.	12.1	107
9	Epigenetic downregulation of human disabled homolog 2 switches TGF- β from a tumor suppressor to a tumor promoter. <i>Journal of Clinical Investigation</i> , 2010, 120, 2842-2857.	8.2	87
10	The CB2 cannabinoid receptor signals apoptosis via ceramide-dependent activation of the mitochondrial intrinsic pathway. <i>Experimental Cell Research</i> , 2006, 312, 2121-2131.	2.6	84
11	Epidermal Growth Factor Impairs the Cytochrome C/Caspase-3 Apoptotic Pathway Induced by Transforming Growth Factor β in Rat Fetal Hepatocytes Via a Phosphoinositide 3-Kinase-Dependent Pathway. <i>Hepatology</i> , 2000, 32, 528-535.	7.3	76
12	p38 MAPK is involved in CB2receptor-induced apoptosis of human leukaemia cells. <i>FEBS Letters</i> , 2005, 579, 5084-5088.	2.8	71
13	EGF blocks NADPH oxidase activation by TGF- β in fetal rat hepatocytes, impairing oxidative stress, and cell death. <i>Journal of Cellular Physiology</i> , 2006, 207, 322-330.	4.1	70
14	BMP9 Is a Proliferative and Survival Factor for Human Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e69535.	2.5	67
15	Transforming growth factor-beta activates both pro-apoptotic and survival signals in fetal rat hepatocytes. <i>Experimental Cell Research</i> , 2004, 292, 209-218.	2.6	61
16	The rationale for targeting TGF- β in chronic liver diseases. <i>European Journal of Clinical Investigation</i> , 2016, 46, 349-361.	3.4	60
17	Potential Roles of Bone Morphogenetic Protein (BMP)-9 in Human Liver Diseases. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5199-5220.	4.1	55
18	BMP Signalling at the Crossroad of Liver Fibrosis and Regeneration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 39.	4.1	48

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19	Integration of Ras subeffector signaling in TGF- β 2 mediated late stage hepatocarcinogenesis. <i>Carcinogenesis</i> , 2005, 26, 931-942.	2.8	47
20	Dissecting the role of epidermal growth factor receptor catalytic activity during liver regeneration and hepatocarcinogenesis. <i>Hepatology</i> , 2016, 63, 604-619.	7.3	47
21	Activation of p38MAPK by TGF- β 2 in fetal rat hepatocytes requires radical oxygen production, but is dispensable for cell death. <i>FEBS Letters</i> , 2001, 499, 225-229.	2.8	38
22	Liver cell proliferation requires methionine adenosyltransferase 2A mRNA up-regulation. <i>Hepatology</i> , 2002, 35, 1381-1391.	7.3	38
23	Clathrin switches transforming growth factor- β 2 role to pro-tumorigenic in liver cancer. <i>Journal of Hepatology</i> , 2020, 72, 125-134.	3.7	30
24	cIAP-1, but not XIAP, is cleaved by caspases during the apoptosis induced by TGF- β 2 in fetal rat hepatocytes. <i>FEBS Letters</i> , 2002, 520, 93-96.	2.8	29
25	Mouse Hepatic Oval Cells Require Met-Dependent PI3K to Impair TGF- β 2-Induced Oxidative Stress and Apoptosis. <i>PLoS ONE</i> , 2013, 8, e53108.	2.5	26
26	Bone morphogenetic protein 9 as a key regulator of liver progenitor cells in DDC-induced cholestatic liver injury. <i>Liver International</i> , 2018, 38, 1664-1675.	3.9	26
27	Resistance to TGF- β 2-induced apoptosis in regenerating hepatocytes. <i>Journal of Cellular Physiology</i> , 2004, 201, 385-392.	4.1	23
28	BMP9-Induced Survival Effect in Liver Tumor Cells Requires p38MAPK Activation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20431-20448.	4.1	22
29	Preclinical Evaluation of AZ12601011 and AZ12799734, Inhibitors of Transforming Growth Factor- β 2 Superfamily Type 1 Receptors. <i>Molecular Pharmacology</i> , 2019, 95, 222-234.	2.3	20
30	Long-Term Treatment with Insulin Induces Apoptosis in Brown Adipocytes: Role of Oxidative Stress. <i>Endocrinology</i> , 2003, 144, 5390-5401.	2.8	19
31	c-Met Signaling Is Essential for Mouse Adult Liver Progenitor Cells Expansion After Transforming Growth Factor- β 2-Induced Epithelial-Mesenchymal Transition and Regulates Cell Phenotypic Switch. <i>Stem Cells</i> , 2019, 37, 1108-1118.	3.2	19
32	BMPS and Liver: More Questions than Answers. <i>Current Pharmaceutical Design</i> , 2012, 18, 4114-4125.	1.9	17
33	A Signaling Crosstalk between BMP9 and HGF/c-Met Regulates Mouse Adult Liver Progenitor Cell Survival. <i>Cells</i> , 2020, 9, 752.	4.1	10
34	Oncological transformation in vitro of hepatic progenitor cell lines isolated from adult mice. <i>Scientific Reports</i> , 2022, 12, 3149.	3.3	7
35	Editorial Special Issue TGF-Beta/BMP Signaling Pathway. <i>Cells</i> , 2020, 9, 2363.	4.1	2
36	BMP9 Promotes an Epithelial Phenotype and a Hepatocyte-like Gene Expression Profile in Adult Hepatic Progenitor Cells. <i>Cells</i> , 2022, 11, 365.	4.1	2