

Patricia Sancho

List of Publications by Year in descending order

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53
papers

4,127
citations

126907

33
h-index

189892

50
g-index

57
all docs

57
docs citations

57
times ranked

7160
citing authors

#	ARTICLE	IF	CITATIONS
1	MYC/PGC-1 β Balance Determines the Metabolic Phenotype and Plasticity of Pancreatic Cancer Stem Cells. <i>Cell Metabolism</i> , 2015, 22, 590-605.	16.2	575
2	Hallmarks of cancer stem cell metabolism. <i>British Journal of Cancer</i> , 2016, 114, 1305-1312.	6.4	390
3	Upregulation of the NADPH oxidase NOX4 by TGF- β in hepatocytes is required for its pro-apoptotic activity. <i>Journal of Hepatology</i> , 2008, 49, 965-976.	3.7	197
4	TGF- β Signaling in Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2014, 20, 2934-2947.	1.9	155
5	Metformin Targets the Metabolic Achilles Heel of Human Pancreatic Cancer Stem Cells. <i>PLoS ONE</i> , 2013, 8, e76518.	2.5	147
6	Effect of Glutathione Depletion on Antitumor Drug Toxicity (Apoptosis and Necrosis) in U-937 Human Promonocytic Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 47107-47115.	3.4	135
7	Snail1 suppresses TGF- β -induced apoptosis and is sufficient to trigger EMT in hepatocytes. <i>Journal of Cell Science</i> , 2010, 123, 3467-3477.	2.0	134
8	NADPH Oxidase NOX4 Mediates Stellate Cell Activation and Hepatocyte Cell Death during Liver Fibrosis Development. <i>PLoS ONE</i> , 2012, 7, e45285.	2.5	134
9	Cysteine protease inhibition prevents mitochondrial apoptosis-inducing factor (AIF) release. <i>Cell Death and Differentiation</i> , 2005, 12, 1445-1448.	11.2	119
10	Overactivation of the TGF- β pathway confers a mesenchymal-like phenotype and CXCR4-dependent migratory properties to liver tumor cells. <i>Hepatology</i> , 2013, 58, 2032-2044.	7.3	113
11	Microenvironmental hCAP-18/LL-37 promotes pancreatic ductal adenocarcinoma by activating its cancer stem cell compartment. <i>Gut</i> , 2015, 64, 1921-1935.	12.1	112
12	Metabolism-Based Therapeutic Strategies Targeting Cancer Stem Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 203.	3.5	110
13	A mesenchymal-like phenotype and expression of CD44 predict lack of apoptotic response to sorafenib in liver tumor cells. <i>International Journal of Cancer</i> , 2015, 136, E161-72.	5.1	108
14	Overactivation of the MEK/ERK Pathway in Liver Tumor Cells Confers Resistance to TGF- β -Induced Cell Death through Impairing Up-regulation of the NADPH Oxidase NOX4. <i>Cancer Research</i> , 2009, 69, 7595-7602.	0.9	106
15	The selection between apoptosis and necrosis is differentially regulated in hydrogen peroxide-treated and glutathione-depleted human promonocytic cells. <i>Cell Death and Differentiation</i> , 2003, 10, 889-898.	11.2	105
16	Drp1 Mediates Caspase-Independent Type III Cell Death in Normal and Leukemic Cells. <i>Molecular and Cellular Biology</i> , 2007, 27, 7073-7088.	2.3	98
17	Cancer associated fibroblast FAK regulates malignant cell metabolism. <i>Nature Communications</i> , 2020, 11, 1290.	12.8	95
18	Pharmacologic inhibitors of PI3K/Akt potentiate the apoptotic action of the antileukemic drug arsenic trioxide via glutathione depletion and increased peroxide accumulation in myeloid leukemia cells. <i>Blood</i> , 2005, 105, 4013-4020.	1.4	91

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19	Nicotine Promotes Initiation and Progression of KRAS-Induced Pancreatic Cancer via Gata6-Dependent Dedifferentiation of Acinar Cells in Mice. <i>Gastroenterology</i> , 2014, 147, 1119-1133.e4.	1.3	89
20	The NADPH oxidase NOX4 inhibits hepatocyte proliferation and liver cancer progression. <i>Free Radical Biology and Medicine</i> , 2014, 69, 338-347.	2.9	78
21	The inhibition of the epidermal growth factor (EGF) pathway enhances TGF- β -induced apoptosis in rat hepatoma cells through inducing oxidative stress coincident with a change in the expression pattern of the NADPH oxidases (NOX) isoforms. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 253-263.	4.1	76
22	Exploiting oxidative phosphorylation to promote the stem and immunoevasive properties of pancreatic cancer stem cells. <i>Nature Communications</i> , 2020, 11, 5265.	12.8	73
23	Role of CXCR4/SDF-1 α in the migratory phenotype of hepatoma cells that have undergone epithelial \rightarrow mesenchymal transition in response to the transforming growth factor- β . <i>Cellular Signalling</i> , 2009, 21, 1595-1606.	3.6	68
24	Sorafenib sensitizes hepatocellular carcinoma cells to physiological apoptotic stimuli. <i>Journal of Cellular Physiology</i> , 2012, 227, 1319-1325.	4.1	66
25	NADPH Oxidase NOX1 Controls Autocrine Growth of Liver Tumor Cells through Up-regulation of the Epidermal Growth Factor Receptor Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 24815-24824.	3.4	65
26	ISG15 and ISGylation is required for pancreatic cancer stem cell mitophagy and metabolic plasticity. <i>Nature Communications</i> , 2020, 11, 2682.	12.8	63
27	Regulation of apoptosis/necrosis execution in cadmium-treated human promonocytic cells under different forms of oxidative stress. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 673-686.	4.9	54
28	Dissecting the effect of targeting the epidermal growth factor receptor on TGF- β -induced-apoptosis in human hepatocellular carcinoma cells. <i>Journal of Hepatology</i> , 2011, 55, 351-358.	3.7	48
29	12-O-Tetradecanoylphorbol-13-acetate May Both Potentiate and Decrease the Generation of Apoptosis by the Antileukemic Agent Arsenic Trioxide in Human Promonocytic Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 3877-3884.	3.4	44
30	Reciprocal regulation of NADPH oxidases and the cyclooxygenase-2 pathway. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1789-1798.	2.9	44
31	The NADPH oxidase inhibitor VAS2870 impairs cell growth and enhances TGF- β -induced apoptosis of liver tumor cells. <i>Biochemical Pharmacology</i> , 2011, 81, 917-924.	4.4	44
32	Glutathione metabolism is essential for self-renewal and chemoresistance of pancreatic cancer stem cells. <i>World Journal of Stem Cells</i> , 2020, 12, 1410-1428.	2.8	39
33	Inhibition of the EGF receptor blocks autocrine growth and increases the cytotoxic effects of doxorubicin in rat hepatoma cells. <i>Biochemical Pharmacology</i> , 2008, 75, 1935-1945.	4.4	38
34	Inhibition of Mitochondrial Dynamics Preferentially Targets Pancreatic Cancer Cells with Enhanced Tumorigenic and Invasive Potential. <i>Cancers</i> , 2021, 13, 698.	3.7	31
35	Differential Effects of Catalase on Apoptosis Induction in Human Promonocytic Cells. Relationships with Heat-Shock Protein Expression. <i>Molecular Pharmacology</i> , 2003, 63, 581-589.	2.3	30
36	Pharmacological inhibitors of extracellular signal-regulated protein kinases attenuate the apoptotic action of cisplatin in human myeloid leukemia cells via glutathione-independent reduction in intracellular drug accumulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1743, 269-279.	4.1	28

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37	The ever-changing landscape of pancreatic cancer stem cells. <i>Pancreatology</i> , 2016, 16, 489-496.	1.1	27
38	Caspase-independent type III programmed cell death in chronic lymphocytic leukemia: the key role of the F-actin cytoskeleton. <i>Haematologica</i> , 2009, 94, 507-517.	3.5	26
39	Protein-tyrosine Phosphatase 1B (PTP1B) Deficiency Confers Resistance to Transforming Growth Factor- β^2 (TGF- β^2)-induced Suppressor Effects in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 15263-15274.	3.4	25
40	Molecular and Metabolic Subtypes Correspondence for Pancreatic Ductal Adenocarcinoma Classification. <i>Journal of Clinical Medicine</i> , 2020, 9, 4128.	2.4	22
41	Studying Pancreatic Cancer Stem Cell Characteristics for Developing New Treatment Strategies. <i>Journal of Visualized Experiments</i> , 2015, , e52801.	0.3	17
42	Raf/MEK/ERK signaling inhibition enhances the ability of dequalinium to induce apoptosis in the human leukemic cell line K562. <i>Experimental Biology and Medicine</i> , 2012, 237, 933-942.	2.4	15
43	Macrophages direct cancer cells through a LOXL2-mediated metastatic cascade in pancreatic ductal adenocarcinoma. <i>Gut</i> , 2023, 72, 345-359.	12.1	15
44	Lipid droplets as metabolic determinants for stemness and chemoresistance in cancer. <i>World Journal of Stem Cells</i> , 2021, 13, 1307-1317.	2.8	14
45	The tyrophostin AG1478 inhibits proliferation and induces death of liver tumor cells through EGF receptor-dependent and independent mechanisms. <i>Biochemical Pharmacology</i> , 2011, 82, 1583-1592.	4.4	13
46	Glucose and Amino Acid Metabolic Dependencies Linked to Stemness and Metastasis in Different Aggressive Cancer Types. <i>Frontiers in Pharmacology</i> , 2021, 12, 723798.	3.5	13
47	Mitochondrial determinants of chemoresistance. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2019, 2, 634-646.	2.1	11
48	ROS Production Is Essential for the Apoptotic Function of E2F1 in Pheochromocytoma and Neuroblastoma Cell Lines. <i>PLoS ONE</i> , 2012, 7, e51544.	2.5	10
49	More challenges ahead – metabolic heterogeneity of pancreatic cancer stem cells. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1105353.	0.7	9
50	Lack of amino acids in mouse hepatocytes in culture induces the selection of preneoplastic cells. <i>Cellular Signalling</i> , 2012, 24, 325-332.	3.6	5
51	The Transforming Growth Factor-Beta (TGF- β^2) in Liver Fibrosis. , 2013, , 255-277.		1
52	DIFFERENTIAL ACTIVATION PATTERNS OF RECEPTOR TYROSINE KINASES: NOVEL POTENTIAL TARGETS IN THE PANCREATIC CANCER STEM CELL NICHE. <i>Pancreatology</i> , 2020, 20, e20.	1.1	0
53	Abstract C83: Nicotine triggers initiation and progression of K-Ras-driven pancreatic ductal adenocarcinoma. , 2013, , .		0