Jordi MuntanÃ©

List of Publications by Year
in descending order

52	1,584	257429 24	315719 38
papers	citations	h-index	g-index

54	54	54	3435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulation of Autophagy by Sorafenib: Effects on Treatment Response. Frontiers in Pharmacology, 2016, 7, 151.	3.5	91
2	Mechanisms of action of metformin in type 2 diabetes: Effects on mitochondria and leukocyte-endothelium interactions. Redox Biology, 2020, 34, 101517.	9.0	91
3	Mitochondria and T2D: Role of Autophagy, ER Stress, and Inflammasome. Trends in Endocrinology and Metabolism, 2020, 31, 725-741.	7.1	88
4	Role of hepatocyte S6K1 in palmitic acid-induced endoplasmic reticulum stress, lipotoxicity, insulin resistance and in oleic acid-induced protection. Food and Chemical Toxicology, 2015, 80, 298-309.	3.6	75
5	Mitochondria, the NLRP3 Inflammasome, and Sirtuins in Type 2 Diabetes: New Therapeutic TargetsReviewing Editors:Markus Bachschmid, Dylan Burger, Vittorio Calabrese, Amadou Camara, Lukas Kubala, Giuseppe Poli, and Chandan K. Sen. Antioxidants and Redox Signaling, 2018, 29, 749-791.	5.4	74
6	Inhibition of the NLRP3 inflammasome prevents ovarian aging. Science Advances, 2021, 7, .	10.3	74
7	The search for novel diagnostic and prognostic biomarkers in cholangiocarcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1468-1477.	3.8	72
8	Documento de consenso. Manejo de la enfermedad hepÃ¡tica grasa no alcohÃ³lica (EHGNA). GuÃa de prÃ¡ctica clÃnica. GastroenterologÃa Y HepatologÃa, 2018, 41, 328-349.	0.5	71
9	Amphiregulin Induces the Alternative Splicing of p73 Into Its Oncogenic Isoform Î”Ex2p73 in Human Hepatocellular Tumors. Gastroenterology, 2009, 137, 1805-1815.e4.	1.3	64
10	NLRP3-inflammasome inhibition prevents high fat and high sugar diets-induced heart damage through autophagy induction. Oncotarget, 2017, 8, 99740-99756.	1.8	53
11	Antisense therapeutics in oncology: current status. OncoTargets and Therapy, 2014, 7, 2035.	2.0	51
12	Essential role of Nrf2 in the protective effect of lipoic acid against lipoapoptosis in hepatocytes. Free Radical Biology and Medicine, 2015, 84, 263-278.	2.9	50
13	Molecular characterization of autophagic and apoptotic signaling induced by sorafenib in liver cancer cells. Journal of Cellular Physiology, 2019, 234, 692-708.	4.1	45
14	Integrated molecular signaling involving mitochondrial dysfunction and alteration of cell metabolism induced by tyrosine kinase inhibitors in cancer. Redox Biology, 2020, 36, 101510.	9.0	45
15	Targeting Tyrosine Kinase Receptors in Hepatocellular Carcinoma. Current Cancer Drug Targets, 2013, 13, 300-312.	1.6	37
16	Nitric oxide and cell death in liver cancer cells. Mitochondrion, 2013, 13, 257-262.	3.4	36
17	Differential effectiveness of tyrosine kinase inhibitors in 2D/3D culture according to cell differentiation, p53 status and mitochondrial respiration in liver cancer cells. Cell Death and Disease, 2020, 11, 339.	6.3	35
18	Oxidative stress influence on renal dysfunction in patients with obstructive jaundice: A case and control prospective study. Redox Biology, 2016, 8, 160-164.	9.0	34

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19	NLRP3 Inflammasome Inhibition by MCC950 in Aged Mice Improves Health via Enhanced Autophagy and PPARÎ± Activity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1457-1464.	3.6	33
20	Simvastatin and metformin inhibit cell growth in hepatitis C virus infected cells via mTOR increasing PTEN and autophagy. PLoS ONE, 2018, 13, e0191805.	2.5	33
21	Role of nitric oxide in d-galactosamine-induced cell death and its protection by PGE1 in cultured hepatocytes. Nitric Oxide - Biology and Chemistry, 2003, 8, 133-143.	2.7	32
22	Nitric oxide mimics transcriptional and post-translational regulation during Î±-Tocopherol cytoprotection against glycochenodeoxycholate-induced cell death in hepatocytes. Journal of Hepatology, 2011, 55, 133-144.	3.7	32
23	Regulation of Cell Survival, Apoptosis, and Epithelial-to-Mesenchymal Transition by Nitric Oxide-Dependent Post-Translational Modifications. Antioxidants and Redox Signaling, 2018, 29, 1312-1332.	5.4	28
24	Alteration of Sâ€nitrosothiol homeostasis and targets for protein Sâ€nitrosation in human hepatocytes. Proteomics, 2008, 8, 4709-4720.	2.2	26
25	Redox regulation of metabolic and signaling pathways by thioredoxin and glutaredoxin in NOS-3 overexpressing hepatoblastoma cells. Redox Biology, 2015, 6, 122-134.	9.0	23
26	Amitriptyline induces mitophagy that precedes apoptosis in human HepG2 cells. Genes and Cancer, 2016, 7, 260-277.	1.9	23
27	Dose-dependent regulation of mitochondrial function and cell death pathway by sorafenib in liver cancer cells. Biochemical Pharmacology, 2020, 176, 113902.	4.4	22
28	Targeting Hepatoma Using Nitric Oxide Donor Strategies. Antioxidants and Redox Signaling, 2013, 18, 491-506.	5.4	20
29	Regulation of cell death receptor S-nitrosylation and apoptotic signaling by Sorafenib in hepatoblastoma cells. Redox Biology, 2015, 6, 174-182.	9.0	20
30	Altered protein expression and protein nitration pattern during d-galactosamine-induced cell death in human hepatocytes: a proteomic analysis. Liver International, 2005, 25, 1259-1269.	3.9	19
31	Hepatitis C virus-mediated Aurora B kinase inhibition modulates inflammatory pathway and viral infectivity. Journal of Hepatology, 2015, 63, 312-319.	3.7	17
32	Downregulation of thioredoxin-1-dependent CD95 S-nitrosation by Sorafenib reduces liver cancer. Redox Biology, 2020, 34, 101528.	9.0	16
33	Apicobasal Polarity Controls Lymphocyte Adhesion to Hepatic Epithelial Cells. Cell Reports, 2014, 8, 1879-1893.	6.4	15
34	Essential Role of Protein-tyrosine Phosphatase 1B in the Modulation of Insulin Signaling by Acetaminophen in Hepatocytes. Journal of Biological Chemistry, 2014, 289, 29406-29419.	3.4	14
35	GCDCA down-regulates gene expression by increasing Sp1 binding to the NOS-3 promoter in an oxidative stress dependent manner. Biochemical Pharmacology, 2015, 96, 39-51.	4.4	14
36	Long nonâ€coding <scp>RNA H19</scp> as a biomarker for hepatocellular carcinoma. Liver International, 2022, 42, 1410-1422.	3.9	14

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37	Differential Antitumoral Properties and Renal-Associated Tissue Damage Induced by Tacrolimus and Mammalian Target of Rapamycin Inhibitors in Hepatocarcinoma: In Vitro and In Vivo Studies. PLoS ONE, 2016, 11, e0160979.	2.5	13
38	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. Biology, 2020, 9, 59.	2.8	12
39	Thioredoxin Downregulation Enhances Sorafenib Effects in Hepatocarcinoma Cells. Antioxidants, 2019, 8, 501.	5.1	11
40	Molecular Pathways Leading to Induction of Cell Death and Anti-Proliferative Properties by Tacrolimus and mTOR Inhibitors in Liver Cancer Cells. Cellular Physiology and Biochemistry, 2020, 54, 457-473.	1.6	11
41	Differential effects of metformin glycinate and hydrochloride in glucose production, AMPK phosphorylation and insulin sensitivity in hepatocytes from non-diabetic and diabetic mice. Food and Chemical Toxicology, 2019, 123, 470-480.	3.6	9
42	Role of Nitric Oxide in Gene Expression Regulation during Cancer: Epigenetic Modifications and Non-Coding RNAs. International Journal of Molecular Sciences, 2021, 22, 6264.	4.1	9
43	Role of p63 and p73 isoforms on the cell death in patients with hepatocellular carcinoma submitted to orthotopic liver transplantation. PLoS ONE, 2017, 12, e0174326.	2.5	6
44	The Role of Non-Coding RNAs in Autophagy During Carcinogenesis. Frontiers in Cell and Developmental Biology, 2022, 10, 799392.	3.7	5
45	Special collection: Nitric oxide in cancer. Redox Biology, 2015, 6, 505-506.	9.0	4
46	CD95 Signaling in Cancer Treatment. Current Pharmaceutical Design, 2014, 20, 2809-2818.	1.9	4
47	Nitric Oxide Synthase Type III Overexpression By Gene Therapy Exerts Antitumoral Activity In Mouse Hepatocellular Carcinoma. Redox Biology, 2015, 5, 420-421.	9.0	3
48	Antitumoral Activity of Sorafenib in Hepatocellular Carcinoma: Effects on Cell Survival and Death Pathways, Cell Metabolism Reprogramming, and Nitrosative and Oxidative Stress. Critical Reviews in Oncogenesis, 2016, 21, 413-432.	0.4	3
49	PDA-Based Glyconanomicelles for Hepatocellular Carcinoma Cells Active Targeting Via Mannose and Asialoglycoprotein Receptors. ACS Applied Bio Materials, 2021, 4, 4789-4799.	4.6	2
50	Conversion from calcineurin inhibitors to mTOR inhibitors stabilizes diabetic and hypertensive nephropathy after liver transplant. World Journal of Transplantation, 2015, 5, 19.	1.6	2
51	Editorial (Thematic Issue: Targeting Cell Death and Proliferation Receptors in Cancer). Current Pharmaceutical Design, 2014, 20, 2797-2798.	1.9	1
52	Broad Transcriptomic Impact of Sorafenib and Its Relation to the Antitumoral Properties in Liver Cancer Cells. Cancers, 2022, 14, 1204.	3.7	1