Ana Blas GarcÃa

List of Publications by Year
in descending order

57 papers	3,067 citations	257450 24 h-index	206112 48 g-index
58 all docs	58 docs citations	58 times ranked	4318 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Enhanced oxidative stress and increased mitochondrial mass during Efavirenzâ€induced apoptosis in human hepatic cells. British Journal of Pharmacology, 2010, 160, 2069-2084.	5.4	138
3	Efavirenz and the CNS: what we already know and questions that need to be answered. Journal of Antimicrobial Chemotherapy, 2015, 70, 2693-2708.	3.0	138
4	Inhibition of mitochondrial function by efavirenz increases lipid content in hepatic cells. Hepatology, 2010, 52, 115-125.	7.3	128
5	Mitochondrial interference by anti-HIV drugs: mechanisms beyond Pol-Î³ inhibition. Trends in Pharmacological Sciences, 2011, 32, 715-725.	8.7	113
6	Compromising mitochondrial function with the antiretroviral drug efavirenz induces cell survival-promoting autophagy. Hepatology, 2011, 54, 1009-1019.	7.3	83
7	ER stress in human hepatic cells treated with Efavirenz: Mitochondria again. Journal of Hepatology, 2013, 59, 780-789.	3.7	70
8	Rilpivirine attenuates liver fibrosis through selective STAT1-mediated apoptosis in hepatic stellate cells. Gut, 2020, 69, 920-932.	12.1	70
9	Neuronal Bioenergetics and Acute Mitochondrial Dysfunction: A Clue to Understanding the Central Nervous System Side Effects of Efavirenz. Journal of Infectious Diseases, 2014, 210, 1385-1395.	4.0	69
10	Mitochondria Sentencing About Cellular Life and Death: A Matter of Oxidative Stress. Current Pharmaceutical Design, 2011, 17, 4047-4060.	1.9	61
11	Mitochondrial Toxicity in HAART: An Overview of In Vitro Evidence. Current Pharmaceutical Design, 2011, 17, 2130-2144.	1.9	55
12	Efavirenz alters mitochondrial respiratory function in cultured neuron and glial cell lines. Journal of Antimicrobial Chemotherapy, 2015, 70, 2249-2254.	3.0	53
13	Lack of mitochondrial toxicity of darunavir, raltegravir and rilpivirine in neurons and hepatocytes: a comparison with efavirenz. Journal of Antimicrobial Chemotherapy, 2014, 69, 2995-3000.	3.0	48
14	Oxidative Stress and Mitochondrial Impairment After Treatment with Anti-HIV Drugs: Clinical Implications. Current Pharmaceutical Design, 2011, 17, 4076-4086.	1.9	43
15	Efavirenz: What is known about the cellular mechanisms responsible for its adverse effects. European Journal of Pharmacology, 2017, 812, 163-173.	3.5	37
16	Oxidative and endoplasmic reticulum stress is impaired in leukocytes from metabolically unhealthy vs healthy obese individuals. International Journal of Obesity, 2017, 41, 1556-1563.	3.4	33
17	Autophagy as a rescue mechanism in Efavirenz-induced mitochondrial dysfunction: A lesson from hepatic cells. Autophagy, 2011, 7, 1402-1404.	9.1	32
18	Profile of stress and toxicity gene expression in human hepatic cells treated with Efavirenz. Antiviral Research, 2012, 94, 232-241.	4.1	31

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19	Involvement of Nitric Oxide in the Mitochondrial Action of Efavirenz: A Differential Effect on Neurons and Glial Cells. Journal of Infectious Diseases, 2015, 211, 1953-1958.	4.0	31
20	Differential effects of anti-TNF-Î± and anti-IL-12/23 agents on human leukocyteâ€“endothelial cell interactions. European Journal of Pharmacology, 2015, 765, 355-365.	3.5	30
21	Understanding the implication of autophagy in the activation of hepatic stellate cells in liver fibrosis: are we there yet?. Journal of Pathology, 2021, 254, 216-228.	4.5	30
22	Transcriptome-based repurposing of apigenin as a potential anti-fibrotic agent targeting hepatic stellate cells. Scientific Reports, 2017, 7, 42563.	3.3	29
23	Role of p62/SQSTM1 beyond autophagy: a lesson learned from drugâ€induced toxicity in vitro. British Journal of Pharmacology, 2018, 175, 440-455.	5.4	29
24	Mitochondrial (dys)function â€“ a factor underlying the variability of efavirenzâ€induced hepatotoxicity?. British Journal of Pharmacology, 2015, 172, 1713-1727.	5.4	27
25	Lon protease: a novel mitochondrial matrix protein in the interconnection between drugâ€induced mitochondrial dysfunction and endoplasmic reticulum stress. British Journal of Pharmacology, 2017, 174, 4409-4429.	5.4	27
26	Twenty Years of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: Time to Reevaluate their Toxicity. Current Medicinal Chemistry, 2011, 18, 2186-2195.	2.4	26
27	The Pivotal Role of Nitric Oxide: Effects on the Nervous and Immune Systems. Current Pharmaceutical Design, 2014, 20, 4679-4689.	1.9	22
28	NNRTI and Liver Damage: Evidence of Their Association and the Mechanisms Involved. Cells, 2021, 10, 1687.	4.1	21
29	Endoplasmic Reticulum and Mitochondria: Independent Roles and Crosstalk in Fatty Liver Diseases and Hepatic Inflammation. Current Pharmaceutical Design, 2016, 22, 2607-2618.	1.9	19
30	Is Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. Antioxidants and Redox Signaling, 2015, 23, 1050-1056.	5.4	18
31	Protein tyrosine phosphatase 1b deficiency protects against hepatic fibrosis by modulating nadph oxidases. Redox Biology, 2019, 26, 101263.	9.0	18
32	Gastric Antisecretory Drugs Induce Leukocyte-Endothelial Cell Interactions through Gastrin Release and Activation of CCK-2 Receptors. Journal of Pharmacology and Experimental Therapeutics, 2007, 323, 406-413.	2.5	12
33	The purine analogues abacavir and didanosine increase acetaminophen-induced hepatotoxicity by enhancing mitochondrial dysfunction. Journal of Antimicrobial Chemotherapy, 2016, 71, 916-926.	3.0	12
34	Tenofovir-induced toxicity in renal proximal tubular epithelial cells. Aids, 2017, 31, 1679-1684.	2.2	12
35	Metabolomics of the effect of AMPK activation by AICAR on human umbilical vein endothelial cells. International Journal of Molecular Medicine, 2011, 29, 88-94.	4.0	10
36	Abacavir Induces Arterial Thrombosis in a Murine Model. Journal of Infectious Diseases, 2018, 218, 228-233.	4.0	10

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37	Apoptosis of Hepatocytes: Relevance for HIV-Infected Patients under Treatment. Cells, 2021, 10, 410.	4.1	8
38	Mitophagy in human astrocytes treated with the antiretroviral drug Efavirenz: Lack of evidence or evidence of the lack. Antiviral Research, 2019, 168, 36-50.	4.1	7
39	p53 and p53-related mediators PAI-1 and IGFBP-3 are downregulated in peripheral blood mononuclear cells of HIV-patients exposed to non-nucleoside reverse transcriptase inhibitors. Antiviral Research, 2020, 178, 104784.	4.1	6
40	Macrophages Modulate Hepatic Injury Involving NLRP3 Inflammasome: The Example of Efavirenz. Biomedicines, 2022, 10, 109.	3.2	6
41	Toxicological properties of two fluorescent carbon quantum dots with onion ring morphology and their usefulness as bioimaging agents. RSC Advances, 2016, 6, 30611-30622.	3.6	4
42	Differential Effects of Biologics on Psoriasis-Related Vascular Inflammation and Risk of Thrombosis. Journal of Investigative Dermatology, 2020, 140, 2294-2298.e6.	0.7	4
43	Ensuring the Consistency of Biosimilars. Current Pharmaceutical Design, 2018, 23, 6733-6738.	1.9	4
44	Implication of autophagy in the antifibrogenic effect of Rilpivirine: when more is less. Cell Death and Disease, 2022, 13, 385.	6.3	4
45	Metabolic-associated fatty liver disease: From simple steatosis toward liver cirrhosis and potential complications. Proceedings of the Third Translational Hepatology Meeting, organized by the Spanish Association for the Study of the Liver (AEEH). GastroenterologÃa Y HepatologÃa, 2022, 45, 724-734.	0.5	3
46	Modulating Myeloid Immune Cell Migration Using Multivalently Presented Monosaccharide Ligands for Advanced Immunotherapy. Advanced Therapeutics, 2019, 2, 1900145.	3.2	2
47	Down-Regulation of the Longevity-Associated Protein SIRT1 in Peripheral Blood Mononuclear Cells of Treated HIV Patients. Cells, 2022, 11, 348.	4.1	2
48	Future Perspectives in NNRTI-Based Therapy: Bases for Understanding Their Toxicity. , 2011, , .		1
49	The antiretroviral rilpivirine induces hepatic regeneration in liver fibrosis and cirrhosis by modulating the STAT3/STAT1 balance. Journal of Hepatology, 2018, 68, S400.	3.7	1
50	Evidence of an interplay between ER stress/UPR and mitochondria in human hepatic cells treated with the antiretroviral drug Efavirenz. Free Radical Biology and Medicine, 2013, 65, S18.	2.9	0
51	516 EFAVIRENZ INDUCES ENDOPLASMATIC STRESS IN HUMAN HEPATIC CELLS BY A MECHANISM DIFFERENT THAN THAT ELICITED BY THE PHARMACOLOGICAL INDUCER THAPSIGARGIN. Journal of Hepatology, 2013, 58, S212.	3.7	0
52	FP187MITOCHONDRIAL DYSFUNCTION INDUCED BY TENOFOVIR IN RENAL CELLS. POTENTIATION OF THE EFFECTS BY CO-STIMULATION WITH ANGIOTENSIN II. Nephrology Dialysis Transplantation, 2015, 30, iii129-iii129.	0.7	0
53	Sa1606 Effect of Liver Progenitor Cells on Hepatic Stellate Cells. Gastroenterology, 2016, 150, S340.	1.3	0
54	Novel Function of Mitochondrial Lon Protease (LONP) in a Drug-Induced Dual Model of Er-Stress and Mitochondrial Dysfunction in Hepatic Cells. Journal of Hepatology, 2016, 64, S237.	3.7	0

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55	p62/sqstm1 in a drug-induced model of hepatotoxicity: a novel role beyond autophagy. Journal of Hepatology, 2017, 66, S397-S398.	3.7	0
56	The anti-human immunodeficiency virus drug rilpivirine decreases hepatic injury in a nutritional model of non-alcoholic fatty liver disease through activation of the IL6/IL22-STAT3-p53 axis. Journal of Hepatology, 2017, 66, S162.	3.7	0
57	PS-094-Selective activation of JAK-STATl-mediated apoptosis in hepatic stellate cells as a new therapeutic option for liver fibrosis: Role of rilpivirine. Journal of Hepatology, 2019, 70, e60-e61.	3.7	0