

JosÃ© C FernÃ¡ndez-Checa

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

7,872
citations

257101

24
h-index

315357

38
g-index

40
all docs

40
docs citations

40
times ranked

17390
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Mitochondrial free cholesterol loading sensitizes to TNF- and Fas-mediated steatohepatitis. <i>Cell Metabolism</i> , 2006, 4, 185-198.	7.2	537
3	Glutathione and mitochondria. <i>Frontiers in Pharmacology</i> , 2014, 5, 151.	1.6	401
4	Enhanced free cholesterol, SREBP-2 and StAR expression in human NASH. <i>Journal of Hepatology</i> , 2009, 50, 789-796.	1.8	296
5	Impaired uptake of glutathione by hepatic mitochondria from chronic ethanol-fed rats. Tracer kinetic studies in vitro and in vivo and susceptibility to oxidant stress.. <i>Journal of Clinical Investigation</i> , 1991, 87, 397-405.	3.9	227
6	Hepatic mitochondrial glutathione depletion and progression of experimental alcoholic liver disease in rats. <i>Hepatology</i> , 1992, 16, 1423-1427.	3.6	220
7	Mitochondrial glutathione depletion in alcoholic liver disease. <i>Alcohol</i> , 1993, 10, 469-475.	0.8	142
8	JNK interaction with Sab mediates ER stress induced inhibition of mitochondrial respiration and cell death. <i>Cell Death and Disease</i> , 2014, 5, e989-e989.	2.7	134
9	Canalicular transport of reduced glutathione in normal and mutant Eisai hyperbilirubinemic rats. <i>Journal of Biological Chemistry</i> , 1992, 267, 1667-73.	1.6	119
10	Gas6/Axl pathway is activated in chronic liver disease and its targeting reduces fibrosis via hepatic stellate cell inactivation. <i>Journal of Hepatology</i> , 2015, 63, 670-678.	1.8	104
11	ASMase regulates autophagy and lysosomal membrane permeabilization and its inhibition prevents early stage non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2014, 61, 1126-1134.	1.8	89
12	Endoplasmic Reticulum Stress Mediates Amyloid β^2 Neurotoxicity via Mitochondrial Cholesterol Trafficking. <i>American Journal of Pathology</i> , 2014, 184, 2066-2081.	1.9	85
13	Endoplasmic Reticulum Stress-Induced Upregulation of STARD1 Promotes Acetaminophen-Induced Acute Liver Failure. <i>Gastroenterology</i> , 2019, 157, 552-568.	0.6	85
14	Cholesterol enrichment in liver mitochondria impairs oxidative phosphorylation and disrupts the assembly of respiratory supercomplexes. <i>Redox Biology</i> , 2019, 24, 101214.	3.9	80
15	Acid sphingomyelinase-ceramide system in steatohepatitis: A novel target regulating multiple pathways. <i>Journal of Hepatology</i> , 2015, 62, 219-233.	1.8	66
16	Advanced preclinical models for evaluation of drug-induced liver injury â€œ consensus statement by the European Drug-Induced Liver Injury Network [PRO-EURO-DILI-NET]. <i>Journal of Hepatology</i> , 2021, 75, 935-959.	1.8	66
17	The 2-oxoglutarate carrier promotes liver cancer by sustaining mitochondrial GSH despite cholesterol loading. <i>Redox Biology</i> , 2018, 14, 164-177.	3.9	59
18	MLN64 induces mitochondrial dysfunction associated with increased mitochondrial cholesterol content. <i>Redox Biology</i> , 2017, 12, 274-284.	3.9	56

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19	Mitochondrial GSH replenishment as a potential therapeutic approach for Niemann Pick type C disease. <i>Redox Biology</i> , 2017, 11, 60-72.	3.9	55
20	Angiogenin Secretion From Hepatoma Cells Activates Hepatic Stellate Cells To Amplify A Self-Sustained Cycle Promoting Liver Cancer. <i>Scientific Reports</i> , 2015, 5, 7916.	1.6	42
21	STARD1 promotes NASH-driven HCC by sustaining the generation of bile acids through the alternative mitochondrial pathway. <i>Journal of Hepatology</i> , 2021, 74, 1429-1441.	1.8	34
22	Selective induction by phenobarbital of the electrogenic transport of glutathione and organic anions in rat liver canalicular membrane vesicles. <i>Journal of Biological Chemistry</i> , 1993, 268, 10836-41.	1.6	33
23	Liver Cholesterol Overload Aggravates Obstructive Cholestasis by Inducing Oxidative Stress and Premature Death in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	1.9	26
24	Expression of rat liver reduced glutathione transport in <i>Xenopus laevis</i> oocytes. <i>Journal of Biological Chemistry</i> , 1993, 268, 2324-8.	1.6	26
25	MITOCHONDRIAL CHOLESTEROL AND CANCER. <i>Seminars in Cancer Biology</i> , 2021, 73, 76-85.	4.3	24
26	Consumption of decaffeinated coffee protects against the development of early non-alcoholic steatohepatitis: Role of intestinal barrier function. <i>Redox Biology</i> , 2019, 21, 101092.	3.9	23
27	Cholesterol Induces Nrf-2- and HIF-1-Dependent Hepatocyte Proliferation and Liver Regeneration to Ameliorate Bile Acid Toxicity in Mouse Models of NASH and Fibrosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	1.9	22
28	Sphingosine 1-Phosphate Receptor 4 Promotes Nonalcoholic Steatohepatitis by Activating NLRP3 Inflammasome. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 925-947.	2.3	22
29	Acid ceramidase improves mitochondrial function and oxidative stress in Niemann-Pick type C disease by repressing STARD1 expression and mitochondrial cholesterol accumulation. <i>Redox Biology</i> , 2021, 45, 102052.	3.9	20
30	Ceramide, Tumor Necrosis Factor and Alcohol-Induced Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 158S-161S.	1.4	18
31	Ceramide, tumor necrosis factor and alcohol-induced liver disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 151S-157S.	1.4	14
32	Hypothalamic pregnenolone mediates recognition memory in the context of metabolic disorders. <i>Cell Metabolism</i> , 2022, 34, 269-284.e9.	7.2	13
33	GDF11 restricts aberrant lipogenesis and changes in mitochondrial structure and function in human hepatocellular carcinoma cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 4076-4090.	2.0	11
34	Identification and Functional Analysis of Mutations in FAD-Binding Domain of Mitochondrial Glycerophosphate Dehydrogenase in Caucasian Patients with Type 2 Diabetes Mellitus. <i>Endocrine</i> , 2001, 16, 39-42.	2.2	8
35	Augmenter of Liver Regeneration Links Mitochondrial Function to Steatohepatitis and Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2015, 148, 285-288.	0.6	6
36	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. <i>Communications Biology</i> , 2021, 4, 1192.	2.0	5

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37	CRPC-Reactive Protein, a Promising Approach for Acetaminophen Hepatotoxicity. Cellular and Molecular Gastroenterology and Hepatology, 2021, , .	2.3	1
38	Exploration of Digestive Diseases, where discovery and communication meet. , 2022, 1, 1-3.		0