

Jos C Fernandez-Checa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

6,190
citations

21
h-index

40
g-index

40
ext. papers

7,164
ext. citations

8
avg, IF

4.63
L-index

#	Paper	IF	Citations
35	Hypothalamic pregnenolone mediates recognition memory in the context of metabolic disorders.. <i>Cell Metabolism</i> , 2022 , 34, 269-284.e9	24.6	2
34	Exploration of Digestive Diseases, where discovery and communication meet 2022 , 1, 1-3		
33	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. <i>Communications Biology</i> , 2021 , 4, 1192	6.7	0
32	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	13.4	10
31	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	7	3
30	MITOCHONDRIAL CHOLESTEROL AND CANCER. <i>Seminars in Cancer Biology</i> , 2021 , 73, 76-85	12.7	4
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	11.3	5
28	Advanced preclinical models for evaluation of drug-induced liver injury - consensus statement by the European Drug-Induced Liver Injury Network [PRO-EURO-DILI-NET]. <i>Journal of Hepatology</i> , 2021 , 75, 935-959	13.4	10
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, 5393761	6.7	4
26	Cholesterol enrichment in liver mitochondria impairs oxidative phosphorylation and disrupts the assembly of respiratory supercomplexes. <i>Redox Biology</i> , 2019 , 24, 101214	11.3	45
25	Endoplasmic Reticulum Stress-Induced Upregulation of STARD1 Promotes Acetaminophen-Induced Acute Liver Failure. <i>Gastroenterology</i> , 2019 , 157, 552-568	13.3	39
24	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	11.3	15
23	The 2-oxoglutarate carrier promotes liver cancer by sustaining mitochondrial GSH despite cholesterol loading. <i>Redox Biology</i> , 2018 , 14, 164-177	11.3	30
22	Mitochondrial GSH replenishment as a potential therapeutic approach for Niemann Pick type C disease. <i>Redox Biology</i> , 2017 , 11, 60-72	11.3	41
21	MLN64 induces mitochondrial dysfunction associated with increased mitochondrial cholesterol content. <i>Redox Biology</i> , 2017 , 12, 274-284	11.3	37
20	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
19	Liver Cholesterol Overload Aggravates Obstructive Cholestasis by Inducing Oxidative Stress and Premature Death in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 9895176	6.7	20

18	Acid sphingomyelinase-ceramide system in steatohepatitis: a novel target regulating multiple pathways. <i>Journal of Hepatology</i> , 2015 , 62, 219-33	13.4	52
17	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, 670-8	13.4	68
16	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	4.9	33
15	ASMase regulates autophagy and lysosomal membrane permeabilization and its inhibition prevents early stage non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2014 , 61, 1126-34	13.4	70
14	JNK interaction with Sab mediates ER stress induced inhibition of mitochondrial respiration and cell death. <i>Cell Death and Disease</i> , 2014 , 5, e989	9.8	105
13	Glutathione and mitochondria. <i>Frontiers in Pharmacology</i> , 2014 , 5, 151	5.6	269
12	Endoplasmic reticulum stress mediates amyloid I neurotoxicity via mitochondrial cholesterol trafficking. <i>American Journal of Pathology</i> , 2014 , 184, 2066-81	5.8	69
11	Enhanced free cholesterol, SREBP-2 and StAR expression in human NASH. <i>Journal of Hepatology</i> , 2009 , 50, 789-96	13.4	239
10	Mitochondrial free cholesterol loading sensitizes to TNF- and Fas-mediated steatohepatitis. <i>Cell Metabolism</i> , 2006 , 4, 185-98	24.6	468
9	Ceramide, Tumor Necrosis Factor and Alcohol-Induced Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 158S-161S	3.7	13
8	Ceramide, tumor necrosis factor and alcohol-induced liver disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 151S-157S	3.7	14
7	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		7
6	Mitochondrial glutathione depletion in alcoholic liver disease. <i>Alcohol</i> , 1993 , 10, 469-75	2.7	124
5	Expression of rat liver reduced glutathione transport in <i>Xenopus laevis</i> oocytes. <i>Journal of Biological Chemistry</i> , 1993 , 268, 2324-8	5.4	26
4	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	5.4	31
3	Hepatic mitochondrial glutathione depletion and progression of experimental alcoholic liver disease in rats. <i>Hepatology</i> , 1992 , 16, 1423-7	11.2	189
2	Canalicular transport of reduced glutathione in normal and mutant Eisai hyperbilirubinemic rats. <i>Journal of Biological Chemistry</i> , 1992 , 267, 1667-73	5.4	109
1	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	15.9	192

