

# Daniel E Francs

## List of Publications by Citations

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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.

33  
papers

688  
citations

16  
h-index

25  
g-index

34  
ext. papers

788  
ext. citations

4.6  
avg, IF

3.44  
L-index

#	Paper	IF	Citations
33	Mitochondrial aquaporin-8 knockdown in human hepatoma HepG2 cells causes ROS-induced mitochondrial depolarization and loss of viability. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 264, 246-54	4.6	82
32	Hyperglycemia induces apoptosis in rat liver through the increase of hydroxyl radical: new insights into the insulin effect. <i>Journal of Endocrinology</i> , <b>2010</b> , 205, 187-200	4.7	55
31	Tumor necrosis factor alpha pathways develops liver apoptosis in type 1 diabetes mellitus. <i>Molecular Immunology</i> , <b>2011</b> , 48, 1397-407	4.3	43
30	Quercetin prevents liver carcinogenesis by inducing cell cycle arrest, decreasing cell proliferation and enhancing apoptosis. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 289-300	5.9	42
29	Diabetes, an inflammatory process: Oxidative Stress and TNF-alpha involved in hepatic complication. <i>Journal of Biomedical Science and Engineering</i> , <b>2013</b> , 06, 645-653	0.7	36
28	Protective Role of Hepatocyte Cyclooxygenase-2 Expression Against Liver Ischemia-Reperfusion Injury in Mice. <i>Hepatology</i> , <b>2019</b> , 70, 650-665	11.2	34
27	Regulation of MicroRNA 183 by Cyclooxygenase 2 in Liver Is DEAD-Box Helicase p68 (DDX5) Dependent: Role in Insulin Signaling. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 2554-67	4.8	30
26	Hepatic cyclooxygenase-2 expression protects against diet-induced steatosis, obesity, and insulin resistance. <i>Diabetes</i> , <b>2015</b> , 64, 1522-31	0.9	30
25	Cyclooxygenase-2 expression in hepatocytes attenuates non-alcoholic steatohepatitis and liver fibrosis in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 1710-23	6.9	27
24	PGE induces apoptosis of hepatic stellate cells and attenuates liver fibrosis in mice by downregulating miR-23a-5p and miR-28a-5p. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 325-337	6.9	27
23	ROS formation and antioxidant status in brain areas of rats exposed to sodium metavanadate. <i>Neurotoxicology and Teratology</i> , <b>2011</b> , 33, 297-302	3.9	26
22	Benznidazole treatment attenuates liver NF- $\kappa$ B activity and MAPK in a cecal ligation and puncture model of sepsis. <i>Molecular Immunology</i> , <b>2011</b> , 48, 867-73	4.3	22
21	Involvement of reactive oxygen species on the apoptotic mechanism induced by IFN-alpha2b in rat preneoplastic liver. <i>Biochemical Pharmacology</i> , <b>2007</b> , 73, 1776-85	6	18
20	Disruption of tumor necrosis factor alpha receptor 1 signaling accelerates NAFLD progression in mice upon a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 58, 17-27	6.3	16
19	Cyclooxygenase-2 over-expression inhibits liver apoptosis induced by hyperglycemia. <i>Journal of Cellular Biochemistry</i> , <b>2013</b> , 114, 669-80	4.7	16
18	NOD1 receptor is up-regulated in diabetic human and murine myocardium. <i>Clinical Science</i> , <b>2014</b> , 127, 665-77	6.5	16
17	Tumor necrosis factor alpha induced by Trypanosoma cruzi infection mediates inflammation and cell death in the liver of infected mice. <i>Cytokine</i> , <b>2010</b> , 49, 64-72	4	16

16	The trypanocidal benzimidazole promotes adaptive response to oxidative injury: Involvement of the nuclear factor-erythroid 2-related factor-2 (Nrf2) and multidrug resistance associated protein 2 (MRP2). <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 304, 90-8	4.6	16
15	Vascular endothelial growth factor and nitric oxide in rat liver regeneration. <i>Life Sciences</i> , <b>2007</b> , 81, 750-58	5.8	15
14	Oxidative stress in primary culture hepatocytes isolated from partially hepatectomized rats. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2007</b> , 85, 1047-51	2.4	15
13	Evidence for necrosis, but not apoptosis, in human hepatoma cells with knockdown of mitochondrial aquaporin-8. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2014</b> , 19, 851-54	5.4	13
12	Cross-talk between IFN-alpha and TGF-beta1 signaling pathways in preneoplastic rat liver. <i>Growth Factors</i> , <b>2009</b> , 27, 1-11	1.6	13
11	Diethylnitrosamine Increases Proliferation in Early Stages of Hepatic Carcinogenesis in Insulin-Treated Type 1 Diabetic Mice. <i>BioMed Research International</i> , <b>2018</b> , 2018, 9472939	3	13
10	Benzimidazole, the trypanocidal drug used for Chagas disease, induces hepatic NRF2 activation and attenuates the inflammatory response in a murine model of sepsis. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 315, 12-22	4.6	12
9	Heme oxygenase-1 induction by hemin prevents oxidative stress-induced acute cholestasis in the rat. <i>Clinical Science</i> , <b>2019</b> , 133, 117-134	6.5	10
8	Role of reactive oxygen species in the early stages of liver regeneration in streptozotocin-induced diabetic rats. <i>Free Radical Research</i> , <b>2011</b> , 45, 1143-53	4	9
7	FoxO3a modulation and promotion of apoptosis by interferon- $\alpha$ 2b in rat preneoplastic liver. <i>Liver International</i> , <b>2014</b> , 34, 1566-77	7.9	8
6	Attenuation of the Wnt/beta-catenin/TCF pathway by in vivo interferon-alpha2b (IFN-alpha2b) treatment in preneoplastic rat livers. <i>Growth Factors</i> , <b>2010</b> , 28, 166-77	1.6	7
5	Diethylnitrosamine enhances hepatic tumorigenic pathways in mice fed with high fat diet (Hfd). <i>Chemico-Biological Interactions</i> , <b>2019</b> , 303, 70-78	5	6
4	FoxO3a nuclear localization and its association with $\beta$ -catenin and Smads in IFN- $\alpha$ treated hepatocellular carcinoma cell lines. <i>Journal of Interferon and Cytokine Research</i> , <b>2014</b> , 34, 858-69	3.5	6
3	Hepatocytes isolated from preneoplastic rat livers are resistant to ethacrynic acid cytotoxicity. <i>Archives of Toxicology</i> , <b>2007</b> , 81, 565-73	5.8	6
2	The Enriched Proanthocyanidin Extract of <i>Ligaria cuneifolia</i> Shows a Marked Hypocholesterolemic Effect in Rats Fed with Cholesterol-Enriched Diet. <i>Recent Patents on Endocrine, Metabolic &amp; Immune Drug Discovery</i> , <b>2017</b> , 11, 47-53		3
1	Liver carbohydrates metabolism: A new islet-neogenesis associated protein peptide (INGAP-PP) target. <i>Peptides</i> , <b>2018</b> , 101, 44-50	3.8	