Michael H Nathanson

List of Publications by Year
in descending order

59 papers	3,901 citations	101384 36 h-index	143772 57 g-index
61 all docs	61 docs citations	61 times ranked	4596 citing authors

#	Article	IF	Citations
1	Mechanisms and regulation of bile secretion. Hepatology, 1991, 14, 551-566.	3.6	398
2	Regulation of calcium signals in the nucleus by a nucleoplasmic reticulum. Nature Cell Biology, 2003, 5, 440-446.	4.6	343
3	The Type III Inositol 1,4,5-Trisphosphate Receptor Preferentially Transmits Apoptotic Ca2+ Signals into Mitochondria. Journal of Biological Chemistry, 2005, 280, 40892-40900.	1.6	244
4	Abnormal Liver Tests in COVIDâ€•19: A Retrospective Observational Cohort Study of 1,827 Patients in a Major U.S. Hospital Network. Hepatology, 2020, 72, 1169-1176.	3.6	194
5	c-Met Must Translocate to the Nucleus to Initiate Calcium Signals. Journal of Biological Chemistry, 2008, 283, 4344-4351.	1.6	135
6	Cyclic AMP Regulates Bicarbonate Secretion in Cholangiocytes Through Release of ATP Into Bile. Gastroenterology, 2007, 133, 1592-1602.	0.6	126
7	Nucleoplasmic Calcium Is Required for Cell Proliferation. Journal of Biological Chemistry, 2007, 282, 17061-17068.	1.6	120
8	Loss of Inositol 1,4,5-trisphosphate receptors from bile duct epithelia is a common event in cholestasis. Gastroenterology, 2003, 125, 1175-1187.	0.6	111
9	Glucagon stimulates gluconeogenesis by INSP3R1-mediated hepatic lipolysis. Nature, 2020, 579, 279-283.	13.7	110
10	Epidermal Growth Factor-mediated Activation of the ETS Domain Transcription Factor Elk-1 Requires Nuclear Calcium. Journal of Biological Chemistry, 2002, 277, 27517-27527.	1.6	101
11	The type III inositol 1,4,5-trisphosphate receptor is associated with aggressiveness of colorectal carcinoma. Cell Calcium, 2010, 48, 315-323.	1.1	100
12	Calcium-dependent O-GlcNAc signaling drives liver autophagy in adaptation to starvation. Genes and Development, 2017, 31, 1655-1665.	2.7	98
13	Calcium Signaling in the Liver. , 2013, 3, 515-539.		91
14	Polarized expression and function of P2Y ATP receptors in rat bile duct epithelia. American Journal of Physiology - Renal Physiology, 2001, 281, G1059-G1067.	1.6	85
15	Regulation of Ca2+ signaling in rat bile duct epithelia by inositol 1,4,5-trisphosphate receptor isoforms. Hepatology, 2002, 36, 284-296.	3.6	79
16	Short-term regulation of bile acid uptake by microfilament-dependent translocation of rat ntcp to the plasma membrane. Hepatology, 1999, 30, 223-229.	3.6	76
17	Expression and subcellular localization of the ryanodine receptor in rat pancreatic acinar cells. Biochemical Journal, 1999, 337, 305-309.	1.7	74
18	Stimulation of ATP secretion in the liver by therapeutic bile acids. Biochemical Journal, 2001, 358, 1-5.	1.7	67

#	Article	IF	Citations
19	Expression and regulation of gap junctions in rat cholangiocytes. Hepatology, 2002, 36, 631-640.	3.6	66
20	Type 2 inositol 1,4,5-trisphosphate receptor modulates bile salt export pump activity in rat hepatocytes. Hepatology, 2011, 54, 1790-1799.	3.6	65
21	Post-translational Regulation of the Type III Inositol 1,4,5-Trisphosphate Receptor by miRNA-506. Journal of Biological Chemistry, 2015, 290, 184-196.	1.6	65
22	The Anti-apoptotic Protein Mcl-1 Inhibits Mitochondrial Ca2+ Signals. Journal of Biological Chemistry, 2005, 280, 33637-33644.	1.6	64
23	O-GlcNAc transferase suppresses necroptosis and liver fibrosis. JCI Insight, 2019, 4, .	2.3	60
24	Insulin induces calcium signals in the nucleus of rat hepatocytes. Hepatology, 2008, 48, 1621-1631.	3.6	58
25	Hepatic inositol 1,4,5 trisphosphate receptor type 1 mediates fatty liver. Hepatology Communications, 2017, 1, 23-35.	2.0	56
26	Expression of the type 3 InsP₃receptor is a final common event in the development of hepatocellular carcinoma. Gut, 2019, 68, 1676-1687.	6.1	56
27	The insulin receptor translocates to the nucleus to regulate cell proliferation in liver. Hepatology, 2014, 59, 274-283.	3.6	54
28	Regulation of multidrug resistance-associated protein 2 by calcium signaling in mouse liver. Hepatology, 2010, 52, 327-337.	3.6	53
29	Mitochondrial calcium regulates rat liver regeneration through the modulation of apoptosis. Hepatology, 2011, 54, 296-306.	3.6	53
30	Nucleoplasmic calcium regulates cell proliferation through legumain. Journal of Hepatology, 2011, 55, 626-635.	1.8	50
31	Epidermal growth factor receptors destined for the nucleus are internalized via a clathrin-dependent pathway. Biochemical and Biophysical Research Communications, 2011, 412, 341-346.	1.0	48
32	Type 3 Inositol 1,4,5â€Trisphosphate Receptor Is Increased and Enhances Malignant Properties in Cholangiocarcinoma. Hepatology, 2020, 71, 583-599.	3.6	45
33	Nonalcoholic fatty liver disease impairs expression of the type II inositol 1,4,5â€trisphosphate receptor. Hepatology, 2018, 67, 560-574.	3.6	44
34	Lipid Rafts Establish Calcium Waves in Hepatocytes. Gastroenterology, 2007, 133, 256-267.	0.6	43
35	The Spatial Distribution of Inositol 1,4,5-Trisphosphate Receptor Isoforms Shapes Ca2+ Waves. Journal of Biological Chemistry, 2007, 282, 10057-10067.	1.6	42
36	Calcium signaling in the nucleusThis paper is one of a selection of papers published in this Special Issue, entitled The Nucleus: A Cell Within A Cell.. Canadian Journal of Physiology and Pharmacology, 2006, 84, 325-332.	0.7	39

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37	Effects of protein kinase C and cytosolic Ca2+ on exocytosis in the isolated perfused rat liver. Hepatology, 1994, 20, 1032-1040.	3.6	37
38	Mechanism of long-range Ca2+ signalling in the nucleus of isolated rat hepatocytes. Biochemical Journal, 1997, 326, 491-495.	1.7	36
39	Nuclear Factor, Erythroid 2-Like 2 Regulates Expression of Type 3 Inositol 1,4,5-Trisphosphate Receptor and Calcium Signaling in Cholangiocytes. Gastroenterology, 2015, 149, 211-222.e10.	0.6	33
40	Type 3 inositol 1,4,5-trisphosphate receptor: A calcium channel for all seasons. Cell Calcium, 2020, 85, 102132.	1.1	33
41	Mechanisms and regulation of bile secretion. Hepatology, 1991, 14, 551-566.	3.6	29
42	Effects of Endotoxin on Type 3 Inositol 1,4,5â€Trisphosphate Receptor in Human Cholangiocytes. Hepatology, 2019, 69, 817-830.	3.6	28
43	CELA2A mutations predispose to early-onset atherosclerosis and metabolic syndrome and affect plasma insulin and platelet activation. Nature Genetics, 2019, 51, 1233-1243.	9.4	23
44	Regulation of bile secretion by calcium signaling in health and disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1761-1770.	1.9	22
45	Neutrophils interact with cholangiocytes to cause cholestatic changes in alcoholic hepatitis. Gut, 2021, 70, gutjnl-2020-322540.	6.1	19
46	Effects of andrographolide on intrahepatic cholestasis induced by alpha-naphthylisothiocyanate in rats. European Journal of Pharmacology, 2016, 789, 254-264.	1.7	18
47	Correlation Between Clinical and Pathological Findings of Liver Injury in 27 Patients With Lethal COVIDâ€19 Infections in Brazil. Hepatology Communications, 2022, 6, 270-280.	2.0	17
48	Polymorphism in the Promoter Region of NFE2L2 Gene Is a Genetic Marker of Susceptibility to Cirrhosis Associated with Alcohol Abuse. International Journal of Molecular Sciences, 2019, 20, 3589.	1.8	16
49	Epidermal growth factor (EGF) triggers nuclear calcium signaling through the intranuclear phospholipase CÎ´-4 (PLCÎ´4). Journal of Biological Chemistry, 2019, 294, 16650-16662.	1.6	14
50	Calcium signaling and secretion in cholangiocytes. Pancreatology, 2015, 15, S44-S48.	0.5	13
51	Molecular Mechanism for Protection Against Liver Failure in Human Yellow Fever Infection. Hepatology Communications, 2020, 4, 657-669.	2.0	10
52	Type 2 inositol trisphosphate receptor gene expression in hepatocytes is regulated by cyclic AMP. Biochemical and Biophysical Research Communications, 2017, 486, 659-664.	1.0	9
53	Role of the IgG4-related cholangitis autoantigen annexin A11 in cholangiocyte protection. Journal of Hepatology, 2022, 76, 319-331.	1.8	9
54	Coordination of calcium waves among hepatocytes: Teamwork gets the job done. Hepatology, 1998, 27, 634-635.	3.6	7

#	Article	IF	Citations
55	Hepatitis B surface antigen loss: Not all that we hoped it would be. Hepatology, 2016, 64, 328-329.	3.6	4
56	Trefoil factor 2 secreted from damaged hepatocytes activates hepatic stellate cells to induce fibrogenesis. Journal of Biological Chemistry, 2021, 297, 100887.	1.6	4
57	Inositol 1,4,5-trisphosphate receptor type 3 plays a protective role in hepatocytes during hepatic ischemia-reperfusion injury. Cell Calcium, 2020, 91, 102264.	1.1	3
58	Alcohol and calcium make a potent cocktail. Journal of Physiology, 2017, 595, 3109-3110.	1.3	1
59	Inositol 1,4,5â€‘trisphosphate receptor typeÂ3 is involved in resistance to apoptosis and maintenance of human hepatocellular carcinoma. Oncology Letters, 2021, 23, 32.	0.8	1