Jason I E Bruce

List of Publications by Year
in descending order

18 papers	836 citations	623734 14 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	1012 citing authors

#	Article	IF	Citations
1	Phosphorylation of Inositol 1,4,5-Trisphosphate Receptors in Parotid Acinar Cells. Journal of Biological Chemistry, 2002, 277, 1340-1348.	3.4	130
2	Crosstalk between cAMP and Ca2+ signaling in non-excitable cells. Cell Calcium, 2003, 34, 431-444.	2.4	111
3	Modulation of [Ca2+] Signaling Dynamics and Metabolism by Perinuclear Mitochondria in Mouse Parotid Acinar Cells. Journal of Biological Chemistry, 2004, 279, 12909-12917.	3.4	78
4	Cytosolic Ca2+and Ca2+â€activated Clâ^'current dynamics: insights from two functionally distinct mouse exocrine cells. Journal of Physiology, 2002, 540, 469-484.	2.9	75
5	Metabolic regulation of the PMCA: Role in cell death and survival. Cell Calcium, 2018, 69, 28-36.	2.4	68
6	Oxidant-impaired intracellular Ca2+ signaling in pancreatic acinar cells: role of the plasma membrane Ca2+-ATPase. American Journal of Physiology - Cell Physiology, 2007, 293, C938-C950.	4.6	49
7	Oxidant-induced inhibition of the plasma membrane Ca²⁺-ATPase in pancreatic acinar cells: role of the mitochondria. American Journal of Physiology - Cell Physiology, 2008, 295, C1247-C1260.	4.6	45
8	Ca2+-dependent Protein Kinase-A Modulation of the Plasma Membrane Ca2+-ATPase in Parotid Acinar Cells. Journal of Biological Chemistry, 2002, 277, 48172-48181.	3.4	39
9	Insulin Protects Pancreatic Acinar Cells from Palmitoleic Acid-induced Cellular Injury. Journal of Biological Chemistry, 2014, 289, 23582-23595.	3.4	38
10	Targeting the Calcium Signalling Machinery in Cancer. Cancers, 2020, 12, 2351.	3.7	37
11	Cutting off the fuel supply to calcium pumps in pancreatic cancer cells: role of pyruvate kinase-M2 (PKM2). British Journal of Cancer, 2020, 122, 266-278.	6.4	36
12	The Plasma Membrane Calcium Pump in Pancreatic Cancer Cells Exhibiting the Warburg Effect Relies on Glycolytic ATP. Journal of Biological Chemistry, 2015, 290, 24760-24771.	3.4	35
13	Insulin Protects Pancreatic Acinar Cells from Cytosolic Calcium Overload and Inhibition of Plasma Membrane Calcium Pump. Journal of Biological Chemistry, 2012, 287, 1823-1836.	3.4	34
14	Glycolytic ATP Fuels the Plasma Membrane Calcium Pump Critical for Pancreatic Cancer Cell Survival. Journal of Biological Chemistry, 2013, 288, 36007-36019.	3.4	26
15	Plasma Membrane Ca2+ ATPase Isoform 4 (PMCA4) Has an Important Role in Numerous Hallmarks of Pancreatic Cancer. Cancers, 2020, 12, 218.	3.7	16
16	Insulin protects acinar cells during pancreatitis by preserving glycolytic ATP supply to calcium pumps. Nature Communications, 2021, 12, 4386.	12.8	15
17	Differential Regulation of Calcium-Activated Potassium Channels by Dynamic Intracellular Calcium Signals. Journal of Membrane Biology, 2010, 235, 191-210.	2.1	4
18	TRPM2 and biliary acute pancreatitis. Journal of Physiology, 2020, 598, 1119-1120.	2.9	0