Robert Hooper

List of Publications by Year
in descending order

21 papers	1,240 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	986 citing authors

#	Article	IF	Citations
1	Essential requirement for two-pore channel 1 in NAADP-mediated calcium signaling. Journal of Cell Biology, 2009, 186, 201-209.	5.2	376
2	An NAADP-gated Two-pore Channel Targeted to the Plasma Membrane Uncouples Triggering from Amplifying Ca2+ Signals. Journal of Biological Chemistry, 2010, 285, 38511-38516.	3.4	153
3	Photoaffinity Labeling of Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Targets in Mammalian Cells*. Journal of Biological Chemistry, 2012, 287, 2296-2307.	3.4	150
4	An Ancestral Deuterostome Family of Two-pore Channels Mediates Nicotinic Acid Adenine Dinucleotide Phosphate-dependent Calcium Release from Acidic Organelles. Journal of Biological Chemistry, 2010, 285, 2897-2901.	3.4	112
5	The Two-pore channel (TPC) interactome unmasks isoform-specific roles for TPCs in endolysosomal morphology and cell pigmentation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13087-13092.	7.1	109
6	Membrane Topology of NAADP-sensitive Two-pore Channels and Their Regulation by N-linked Glycosylation. Journal of Biological Chemistry, 2011, 286, 9141-9149.	3.4	57
7	Novel Protein Kinase C-Mediated Control of Orai1 Function in Invasive Melanoma. Molecular and Cellular Biology, 2015, 35, 2790-2798.	2.3	42
8	Domain assembly of NAADP-gated two-pore channels. Biochemical Journal, 2012, 441, 317-323.	3.7	32
9	Multifaceted roles of STIM proteins. Pflugers Archiv European Journal of Physiology, 2013, 465, 1383-1396.	2.8	32
10	The Ca ²⁺ export pump PMCA clears near-membrane Ca ²⁺ to facilitate store-operated Ca ²⁺ entry and NFAT activation. Science Signaling, 2019, 12, .	3.6	27
11	NAADP on Target. Advances in Experimental Medicine and Biology, 2012, 740, 325-347.	1.6	26
12	The N-terminal region of two-pore channel 1 regulates trafficking and activation by NAADP. Biochemical Journal, 2013, 453, 147-151.	3.7	26
13	STIMATE reveals a STIM1 transitional state. Nature Cell Biology, 2015, 17, 1232-1234.	10.3	19
14	Suppression of Ca²⁺ signals by <scp>EGR</scp>4 controls Th1 differentiation and antiâ€cancer immunity inÂvivo. EMBO Reports, 2020, 21, e48904.	4.5	17
15	Novel STIM1â€dependent control of Ca²⁺clearance regulates NFAT activity during Tâ€cell activation. FASEB Journal, 2016, 30, 3878-3886.	0.5	14
16	The heterogeneity of store-operated calcium entry in melanoma. Science China Life Sciences, 2016, 59, 764-769.	4.9	14
17	Neuronal STIMulation at Rest. Science Signaling, 2014, 7, pe18.	3.6	13
18	EGR-mediated control of STIM expression and function. Cell Calcium, 2019, 77, 58-67.	2.4	9

#	Article	IF	Citations
19	TPC1 Knockout Knocks Out TPC1. Molecular and Cellular Biology, 2015, 35, 1882-1883.	2.3	5
20	The function of the calcium channel Orai1 in osteoclast development. FASEB Journal, 2021, 35, e21653.	0.5	4
21	Sterol hindrance of Orai activation. Science Signaling, 2016, 9, fs4.	3.6	3