

George D Dickinson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

694
citations

687220

13
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium release from the endoplasmic reticulum of higher plants elicited by the NADP metabolite nicotinic acid adenine dinucleotide phosphate. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 8693-8698.	3.3	162
2	Transient Receptor Potential Mucolipin 1 (TRPML1) and Two-pore Channels Are Functionally Independent Organellar Ion Channels. Journal of Biological Chemistry, 2011, 286, 22934-22942.	1.6	91
3	Hindered cytoplasmic diffusion of inositol trisphosphate restricts its cellular range of action. Science Signaling, 2016, 9, ra108.	1.6	55
4	Solubilization of Receptors for the Novel Ca ²⁺ -mobilizing Messenger, Nicotinic Acid Adenine Dinucleotide Phosphate. Journal of Biological Chemistry, 2002, 277, 43717-43723.	1.6	51
5	Presenilin-null cells have altered two-pore calcium channel expression and lysosomal calcium: Implications for lysosomal function. Brain Research, 2012, 1489, 8-16.	1.1	45
6	The Probability of Triggering Calcium Puffs Is Linearly Related to the Number of Inositol Trisphosphate Receptors in a Cluster. Biophysical Journal, 2012, 102, 1826-1836.	0.2	44
7	Determination of cellular nicotinic acid-adenine dinucleotide phosphate (NAADP) levels. Biochemical Journal, 2004, 380, 449-454.	1.7	39
8	An alternative approach to nucleic acid memory. Nature Communications, 2021, 12, 2371.	5.8	38
9	Modulation of NAADP (nicotinic acid adenine dinucleotide phosphate) receptors by K ⁺ ions: evidence for multiple NAADP receptor conformations. Biochemical Journal, 2003, 375, 805-812.	1.7	37
10	Termination of calcium puffs and coupled closings of inositol trisphosphate receptor channels. Cell Calcium, 2014, 56, 157-168.	1.1	28
11	Deviant Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP)-mediated Ca ²⁺ Signaling upon Lysosome Proliferation. Journal of Biological Chemistry, 2010, 285, 13321-13325.	1.6	24
12	Single-Molecule Tracking of Inositol Trisphosphate Receptors Reveals Different Motilities and Distributions. Biophysical Journal, 2014, 107, 834-845.	0.2	24
13	Factors Determining the Recruitment of Inositol Trisphosphate Receptor Channels During Calcium Puffs. Biophysical Journal, 2013, 105, 2474-2484.	0.2	20
14	Time sensing by NAADP receptors. Biochemical Journal, 2006, 397, 313-320.	1.7	12
15	NAADP binding to its target protein in sea urchin eggs requires phospholipids. Biochemical Journal, 2005, 386, 497-504.	1.7	9
16	Temperature Dependence of IP ₃ -Mediated Local and Global Ca ²⁺ Signals. Biophysical Journal, 2013, 104, 386-395.	0.2	9
17	Noise analysis of cytosolic calcium image data. Cell Calcium, 2020, 86, 102152.	1.1	6