

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
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887953

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17
all docs

17
docs citations

17
times ranked

696
citing authors

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